

UF/IFAS Office of Research

2015 Peer-reviewed Publications by Topic

I. Natural Resources and Environment

Abong'o, D. A. (2015). Organochlorine pesticide residue levels in soil from the Nyando River Catchment, Kenya. *Africa Journal of Physical Sciences* 2(1), 18-32.

<http://www.uonbi.ac.ke/journals/index.php/ajps/article/view/1365>

Acevedo, M. A., Sefair, J. A., Smith, J. C., Reichert, B. E., & Fletcher, R. J. Jr. (2015). Conservation under uncertainty: optimal network protection strategies for worst-case disturbance events. *Journal of Applied Ecology*, 52(6), 1588-1597. doi:10.1111/1365-2664.12532

Acevedo, M., Fletcher, R. J., Tremblay, R. L., & Melendez-Ackerman, E. J. (2015). Spatial asymmetries in connectivity influence colonization-extinction dynamics. *Oecologia*, 179(2), 415-424. doi:10.1007/s00442-015-3361-z

Acharya, S., & Mylavaram, R. S. (2015). Modeling shallow water table dynamics under subsurface irrigation and drainage. *Agricultural Water Management*, 149, 166-174. doi:10.1016/j.agwat.2014.11.006

Acharya, S., Kaplan, D. A., Casey, S., Cohen, M. J., & Jawitz, J. W. (2015). Coupled local facilitation and global hydrologic inhibition drive landscape geometry in a patterned peatland. *Hydrology and Earth System Sciences*, 19(5), 2133-2144. doi:10.5194/hess-19-2133-2015

Adams, A. E., Shriver, T. E., & Messer, C. M. (2015). Movement-counter movement dynamics in a land use controversy. *Human Ecology Review*, 21(1), 3-25.

Adewopo, J. B., Silveira, M. L., Xu, S., Gerber, S., Sollenberger, L. E., & Martin, T. (2015). Long-term grassland intensification impacts on particle-size soil carbon fractions: Evidence from carbon-13 abundance. *Soil Science Society of America Journal*, 79(4), 1198-1205. doi:10.2136/sssaj2014.11.0445

Adewopo, J. B., Silveira, M. L., Xu, S., Gerber, S., Sollenberger, L. E., & Martin, T. (2015). Management intensification effects on autotrophic and heterotrophic soil respiration in subtropical grasslands. *Ecological Indicators*, 56, 6-14. doi:10.1016/j.ecolind.2015.03.025

Adewopo, J. B., Silveira, M. L., Xu, S., Gerber, S., Sollenberger, L. E., & Martin, T. (2015). Management intensification impacts on particle-size soil carbon fractions in subtropical grasslands: evidence from ¹³C natural abundance. *Soil Science Society of America Journal*, 79(4), 1198-1205. doi:10.2136/sssaj2014.11.0445

Allen, C. R., Angeler, D. G., Moulton, M. P., & Holling, S. C. (2015). The importance of scaling for detecting community patterns: Success and failure in assemblages of introduced species. *Diversity*, 7(3), 229-241. doi:10.3390/d70x000x

Artero, C., Murie, D. J., Koenig, C. C., Berzins, R., Bouchon, C., & Lampert, L. (2015). Age, growth, and mortality of the Atlantic goliath grouper *Epinephelus itajara* in French Guiana. *Endangered Species Research*, 28, 275-287. doi:10.3354/esr00691

Aumen, N. G., Havens, K. E., Best, G. R., & Berry, L. (2015). Predicting ecological responses of the Florida Everglades to possible future climate scenarios. *Environmental Management*, 55, 741-748. doi:10.1007/s00267-014-0439-z

- Austin, J., Gore, J.A., Greene, D.U., & Gotteland, C. (2015). Conspicuous genetic structure belies recent dispersal in an endangered beach mouse (*Peromyscus polionotus trissyllepsis*). *Conservation Genetics*, 16(4), 915-928. doi:10.1007/s10592-015-0710-8
- Bae, H.-S., Holmes, M. E., Chanton, J. P., Reddy, K. R., & Ogram, A. (2015). Distribution, activities, and interactions of methanogens and sulfate-reducing prokaryotes in the Florida Everglades. *Applied and Environmental Microbiology*, 81(21), 7431-7442. doi:10.1128/aem.01583-15
- Bai, J., Zhao, Q., Lu, Q., Wang, J., & Reddy, K. R. (2015). Effects of freshwater input on trace element pollution in salt marsh soils of a typical coastal estuary, China. *Journal of Hydrology*, 520, 186-192. doi:10.1016/j.jhydrol.2014.11.007
- Bailey, K. M., McCleery, R. A., Binford, M. W., & Zweig, C. (2015). Land-cover change within and around protected areas in a biodiversity hotspot. *Journal of Land Use Science*. doi:10.1080/1747423X.2015.1086905
- Bainum, M., Sieving, K. E., McCleery, R. A., & Wald, D. M. (2015). Demonstrating camera trap techniques and their application for identifying feral cats across a college campus. *Journal of Undergraduate Research*, 16(3), 5. doi:10.13140/RG.2.1.3177.5202
- Baiser, B., Elhessa, R., & Kahveci, T. (2015). Motifs in the assembly of food web networks. *Oikos*. doi:10.1111/oik.02532
- Bakshi, S., He, Z. L., & Harris, W. G. (2015). Natural nanoparticles: Implications for environment and human health. *Critical Reviews in Environmental Science and Technology*, 45(8), 861-904. doi:10.1080/10643389.2014.921975
- Bateman, C., Kendra, E., P., Rabaglia, R., & Hulcr, J. (2015). Fungal symbionts in three exotic ambrosia beetles, *Xylosandrus amputatus*, *Xyleborinus andrewesi*, and *Dryoxylon onoharaense* (Coleoptera: Curculionidae: Scolytinae: Xyleborini) in Florida. *Symbiosis*, 66(3), 141-148. doi:10.1007/s13199-015-0353-z
- Bean, E. Z., & Dukes, M. D. (2015). Effect of amendment type and incorporation depth on runoff from compacted sandy soils. *Journal of Irrigation and Drainage Engineering*, 141(6). doi:10.1061/(asce)ir.1943-4774.0000840
- Beerens, J. M., Frederick, P. C., Noonburg, E. G., & Gawlik, D. E. (2015). Determining habitat quality for species that demonstrate dynamic habitat selection. *Ecology and Evolution*, 5(23), 5685–5697. doi:10.1002/ece3.1813
- Ben-Mahmoud, S., Ramos, Shatters, R. G., Rouge, P., Powell, C. A., Smaghe, G., & Borovsky, D. (2015). Cloning and characterization of a basic cysteine-like protease (cathepsin L1) expressed in the gut of the larval *Diaprepes abbreviatus* L. (Coleoptera: Curculionidae). *Journal of Insect Physiology*, 72, 1-13. doi:10.1016/j.jinsphys.2014.11.001
- Bentley, M. T., Oi, F. M., Gezan, S. A., & Hahn, D. A. (2015). Tunneling performance increases at lower temperatures for *Solenopsis invicta* (Buren) but not for *Nylanderia fulva* (Mayr). *Insects*, 6(3), 686-695. doi:10.3390/insects6030686
- Berlinsky, D. L., DiMaggio, M. A., Breton, T. S., Walsh, J., & Kovach, A. I. (2015). Peritoneal pigmentation in purebred and hybrid river herring. *Transactions of the American Fisheries Society*, 144, 717-723. doi:10.1080/00028487.2015.1037017

- Bhomia, R. K., Inglett, P. W., & Reddy, K. R. (2015). Soil and phosphorus accretion rates in sub-tropical wetlands: Everglades stormwater treatment areas as a case example. *Science of the Total Environment*, 533, 297-306. doi:10.1016/j.scitotenv.2015.06.115
- Bigam Stephens, D. L., Carlson, R. E., Horsburgh, C. A., Hoyer, M. V., Bachmann, R.W., & Canfield Jr., D. E. (2015). Regional distribution of Secchi disk transparency in waters of the United States. *Lake and Reservoir Management*, 31(1), 55-63. doi:10.1080/10402381.2014.1001539
- Blake, J. G., & Loiselle, B. A. (2015). Enigmatic declines in bird numbers in lowland forest of eastern Ecuador may be a consequence of climate change. *PeerJ*, 3, e1177 doi.org/10.7717/peerj.1177
- Bohman, S. A. (2015). Species diversity of canopy versus understory trees in a neotropical forest: Implications for forest structure, function and monitoring. *Ecosystems*, 18, 658-670. doi:10.1007/s10021-015-9854-0
- Bourtis, C. M., Francis-Floyd, R., Boggs, A. S. P., Reyier, E. A., Stolen, E. D., Yanong, R. P., & Guillette Jr., L. J. (2015). Plasma glucose levels for red drum *Sciaenops ocellatus* in a Florida estuarine fisheries reserve. *Florida Scientist*, 78(2), 88-93.
- Breton, T. S., DiMaggio, M. A., Sower, S. A., & Berlinsky, D. L. (2015). Brain aromatase (*cyp19a1b*) and gonadotropin releasing hormone (*gnrh2* and *gnrh3*) expression during reproductive development and sex change in black sea bass (*Centropristis striata*). *Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology*, 181, 45-53. doi:10.1016/j.cbpa.2014.11.020
- Broach, J. S., Ohs, C. L., DiMaggio, M. A., & Breen, N. E. (2015). Evaluation of nutritional and environmental variables during early larval culture of pigfish *Orthopristis chrysoptera* (Linnaeus). *Aquaculture Research*. doi:10.1111/are.12891
- Broach, J. S., Ohs, C. L., DiMaggio, M. A., Green, C. C., & Yante, D. R. (2015). Efficacy of varying doses of pituitary extract from channel catfish, *Ictalurus punctatus*, on spawning performance of pinfish, *Lagodon rhomboides*, and pigfish, *Orthopristis chrysoptera*. *North American Journal of Aquaculture*, 77(3), 245-254. doi:10.1080/15222055.2015.1007191
- Bucklin, D. N., Basille, M., Benscoter, A. M., Brandt, L. A., Mazzotti, F. J., Romañach, S. S., . . . & Watling, J. I. (2015). Comparing species distribution models constructed with different subsets of environmental predictors. *Diversity and Distributions*, 21(1), 23-35. doi:10.1111/ddi.12247
- Bunch, A. J., Allen, M. S., & Gwinn, D. C. (2015). Influence of macrophyte-induced hypoxia on fish communities in lakes with altered hydrology. *Lake and Reservoir Management*, 31(1), 11-19. doi:10.1080/10402381.2014.964817
- Butler IV, M. J., Behringer, D. C., Dolan III, T. W., Moss, J., & Shields, J. D. (2015). Behavioral immunity suppresses an epizootic in Caribbean spiny lobsters. *PLoS ONE*. doi:10.1371/journal.pone.0126374
- Caldas, M., Goodin, D. G., Sherwood, S., Campos Krauer, J. M., & Wisely, SM. (2015). Land-cover change in the Paraguayan Chaco: 2000-2011. *Journal of Land Use Science*, 10(1), 1-18. doi:10.1080/1747423X.2013.807314
- Camp, E. V., Pine, W. E., III, Havens, K., Kane, A. S., Walters, C. J., Irani, T., . . . & Morris, J. G., Jr. (2015). Collapse of a historic oyster fishery: diagnosing causes and identifying paths toward increased resilience. *Ecology and Society*, 20(3), 45. doi:10.5751/es-07821-200345

- Campo-Bescos, M. A., Munoz-Carpena, R., Kiker, G. A., Bodah, B. W., & Ullman, J. L. (2015). Watering or buffering? Runoff and sediment pollution control from furrow irrigated fields in arid environments. *Agriculture Ecosystems & Environment*, 205, 90-101. doi:10.1016/j.agee.2015.03.010
- Campos Krauer, J., Wisely, S. M., Benitez, I. K., & Robles, V. (2015). Surgical technique for placing intra-abdominal radio-transmitters in capybara (*Hydrochaeris hydrochaeris*). *Paraquaria Natural*, 3(1), 17-19.
- Cao, R., & Su, N.-Y. (2015). Temperature preferences of four subterranean termite species (Isoptera: Rhinotermitidae) and temperature-dependent survivorship and wood-consumption rate. *Florida Entomologist*, 98, 972-973. doi:10.1093/aesa/sav095
- Cao, S., Hepowit, N., & Maupin-Furlow, J. A. (2015). Ubiquitin-like protein SAMP1 and JAMM/MPN plus metalloprotease HvJAMM1 constitute a system for reversible regulation of metabolic enzyme activity in archaea. *PLoS ONE*, 10(5). doi:10.1371/journal.pone.0128399
- Cardenas-Lailhacar, B., & Dukes, M. D. (2015). Effect of temperature and salinity on the precision and accuracy of landscape irrigation soil moisture sensor systems. *Journal of Irrigation and Drainage Engineering*, 141(7). doi:10.1061/(asce)ir.1943-4774.0000847
- Carnohan, L. P., Kaufman, P. E., Allan, S. A., Gezan, S. A., & Weeks, E. N. I. (2015). Evaluation of four bed bug traps for surveillance of the brown dog tick (*Acari Ixodidae*). *Journal of Medical Entomology*, 52(2), 260-268. doi:10.1093/jme/tju020
- Carrijo, T. F., Scheffrahn, R. H., & Křeček, J. (2015). *Compositermes bani* sp.n. (Isoptera, Termitidae, Apicotermitinae), a new species of soldierless termite from Bolivia. *Zootaxa*, 3941(2), 294-298. doi:10.11646/zootaxa.3941.2.10
- Carvalho, F., Ahrens, R., Murie, D., Bigelow, K., Aires-da-Silva, A., Maunder, M. N., & Hazin, F. (2015). Using pop-up satellite archival tags to inform selectivity in fisheries stock assessment models: a case study for the blue shark in the South Atlantic Ocean. *ICES Journal of Marine Science*, 72, 1715-1730. doi:10.1093/icesjms/fsv026
- Casler, M. D., Vermerris, W., & Dixon, R. A. (2015). Replication concepts for bioenergy research experiments. *Bioenergy Research*, 8(1), 1-16. doi:10.1007/s12155-015-9580-7
- Chapman, F. A., Gamboa, J. H., Torres, G. A., & Garcia, L. N. (2015). First documentation of male sexual maturation in captivity of Pacific goliath grouper *Epinephelus quinquefasciatus*. *Journal of Applied Aquaculture*, 27(2), 182-184. doi:10.1080/10454438.2015.1047236
- Chapman, P. A., Cribb, T., Blair, D., Traub, R., Kyaw-Tanner, M., Flint, M., & Mills, P. C. (2015). Molecular analysis of the genera *Hapalotrema* Looss, 1899 and *Learedius* Price, 1934 (Digenea: Spirorchidae) reveals potential cryptic species, with comments on the validity of the genus *Learedius*. *Systemic Parasitology*, 90(1), 67-79. doi:10.1007/s11230-014-9535-y
- Chavez, E., He, Z., Stoffella, P., Mylavarapu, R., Li, Y., Moyano, B., & Baligar, V. (2015). Concentration of cadmium in cacao beans and its relationship with soil cadmium in southern Ecuador. *Science of the Total Environment*, 533, 205-214. doi:10.1016/j.scitotenv.2015.06.106
- Chen, H., Gao, B., Yang, L.-Y., & Ma, L. Q. (2015). Montmorillonite enhanced ciprofloxacin transport in saturated porous media with sorbed ciprofloxacin showing antibiotic activity. *Journal of Contaminant Hydrology*, 173, 1-7. doi:10.1016/j.jconhyd.2014.11.010

- Cherkiss, M. S., Mazzotti, F. J., Hord, L., & Aldecoa, M. (2014). Remarkable movements of an American crocodile (*Crocodylus acutus*) in Florida. *Southeastern Naturalist*, 13(4), N52-N56. doi:10.1656/058.013.0407
- Chouvenc, T., & Su, N. Y. (2015). How do entomologists consume and produce their sciences? *American Entomologist*, 61, 252-257. doi:10.1093/ae/tmv067
- Chouvenc, T., Basille, M., & Su, N. (2015). The production of soldiers and the maintenance of caste proportions delay the growth of termite incipient colonies. *Insectes Sociaux*, 62(1), 23-29. doi:10.1007/s00040-014-0369-z
- Chouvenc, T., Helmick, E. E., & Su, N. Y. (2015). Hybridization of two major termite invaders as a consequence of human activity. *PLoS ONE*, 10(3), e0120745. doi:10.1371/journal.pone.0120745
- Chouvenc, T., Li, H. F., Austin, J., Bordereau, C., Bourguignon, T., Cameron, S. L., . . . & Su, N. Y. (2015). Revisiting *Coptotermes* (Isoptera: Rhinotermitidae): A global taxonomic road map for species validity and distribution of an economically important subterranean termite genus. *Systematic Entomology*. doi:10.1111/syen.12157
- Chouvenc, T., Mullins, A. J., & Su, N. Y. (2015). Rare production of nymphs in an Asian subterranean termite (Isoptera: Rhinotermitidae) incipient colony. *Florida Entomologist*, 98(3), 972-973. doi:10.1653/024.098.0327
- Chouvenc, T., Mullins, A. J., & Su, N. Y. (2015). Territorial status-quo between the big-headed ant (Hymenoptera: Formicidae) and the Formosan subterranean termite (Isoptera: Rhinotermitidae). *Florida Entomologist*, 98(1), 157-161. doi:10.1653/024.098.0127
- Convertino, M., Munoz-Carpena, R., Kiker, G. A., & Perz, S. G. (2015a). Design of optimal ecosystem monitoring networks: hotspot detection and biodiversity patterns. *Stochastic Environmental Research and Risk Assessment*, 29(4), 1085-1101. doi:10.1007/s00477-014-0999-8
- Cooney S. A., Schaubert, E. M., & Hellgren, E. C. (2015). Comparing permeability of matrix cover types for the marsh rice rat (*Oryzomys palustris*). *Landscape Ecology*, 30(7), 1307-1320. doi:10.1007/s10980-015-0185-5
- Cooney S. A., Schaubert, E. M., & Hellgren, E. C. (2015). Ranging behavior of marsh rice rats in a southern Illinois wetland complex. *Journal of Mammalogy*, 96(4), 732-741. doi:10.1093/jmammal/gyv069
- Cordoba, 20, 4488-4494. <http://revistas.unicordoba.edu.co/ojs/index.php/mvz/article/view/666/621>
- Cormier, N., Twilley, R. R., Ewel, K. C., & Krauss, K. W. (2015). Fine root productivity varies along nitrogen and phosphorus gradients in high-rainfall rain forests of Micronesia. *Hydrobiologia*, 750, 69-87. doi:10.1007/s10750-015-2178-4
- Coronel, A. S., Feldman, S. R., Jozami, E., Facundo, K., Piacentini, R. D., Dubbeling, M., & Escobedo, F. J. (2015). Effects of urban green areas on air temperature in a medium-sized Argentinian city. *AIMS Environmental Science*, 2(3), 803-826. doi:10.3934/environsci.2015.3.803
- Cottone, C., Su, N. Y., Scheffrahn, R., & Riegel, C. (2015). Survivorship of the Formosan Subterranean Termite (Isoptera: Rhinotermitidae) in a hypoxic environment. *Sociobiology*, 62(1), 76-81. doi:10.13102/sociobiology.v62i1.76-81
- Cui, X.-Y., Li, S.-W., Zhang, S.-J., Fan, Y.-Y., & Ma, L. Q. (2015). Toxic metals in children's toys and jewelry: Coupling bioaccessibility with risk assessment. *Environmental Pollution*, 200, 77-84. doi:10.1016/j.envpol.2015.01.035

- Dari, B., Nair, V., Colee, J., Harris, W., & Mylavarapu, R. (2015). Estimation of phosphorus isotherm parameters: a simple and cost-effective procedure. *Front. Environmental Science*, 3. doi:10.3389/fenvs.2015.00070
- Davies, K. A., Ye, W., Kanzaki, N., Bartholomaeus, F., Zeng, Y., & Giblin-Davis, R. M. (2015). A review of the taxonomy, phylogeny, distribution and co-evolution of *Schistonchus* Cobb, 1927 with proposal of *Ficophagus* n. gen. and *Martininema* n. gen. (Nematoda: Aphelenchoididae). *Nematology*, 17(7), 761-829. doi:10.1163/15685411-00002907
- Davis, R. E., Shao, J., Dally, E. L., Zhao, Y., Gasparich, G. E., Gaynor, B. J., . . . & Donofrio, N. (2015). Complete genome sequence of *Spiroplasma kunkelii* Strain CR2-3x, causal agent of corn stunt disease in *Zea mays* L. *Genome Announcements*, 3(5). doi:10.1128/genomeA.01216-15
- Dayaram, A., Goldstien, S., Argüello-Astorga, G. R., Zawar-Reza, P., Gomez, C., Harding, J. S., & Varsani, A. (2015). Diverse small circular DNA viruses circulating amongst estuarine molluscs. *Infection, Genetics and Evolution*, 31, 284-295. doi:10.1016/j.meegid.2015.02.010
- Dayaram, A., Potter, K. A., Pailles, R., Marinov, M., Rosenstein, D. D., & Varsani, A. (2015). Identification of diverse circular single-stranded DNA viruses in adult dragonflies and damselflies (Insecta: Odonata) of Arizona and Oklahoma, USA. *Infection, Genetics and Evolution*, 30, 278-287. doi:10.1016/j.meegid.2014.12.037
- de Moraes, M. H., & Teplitski, M. (2015). Fast and efficient three-step target-specific curing of a virulence plasmid in *Salmonella enterica*. *AMB Express*, 5. doi:10.1186/s13568-015-0139-y
- de Oliveira, L. M., Lessl, J. T., Gress, J., Tisarum, R., Guilherme, L. R. G., & Ma, L. Q. (2015). Chromate and phosphate inhibited each other's uptake and translocation in arsenic hyperaccumulator *Pteris vittata* L. *Environmental Pollution*, 197, 240-246. doi:10.1016/j.envpol.2014.11.009
- DiMaggio, M. A., Pine, H. J., Kenter, L. W., & Berlinsky, D. L. (2015). Spawning, larviculture and salinity tolerance of alewives and blueback herring in captivity. *North American Journal of Aquaculture*, 77(3), 302-311. doi:10.1080/15222055.2015.1009590
- Efstathion, C. A., Bardunias, P. M., Boyd, J. D., & Kern, J. W. H. (2015). A push-pull integrated pest management scheme for preventing use of parrot nest boxes by invasive Africanized honey bees. *Journal of Field Ornithology*, 86(1), 65-72. doi:10.1111/jfo.12089
- Ellis, E. A., Kainer, K. A., Sierra-Huelsz, J. A., Negreros-Castillo, P., Rodriguez-Ward, D., & DiGiano, M. (2015). Endurance and adaptation of community forest management in Quintana Roo, Mexico. *Forests*, 6, 4295-4327. doi:10.3390/f6114295
- Enloe, H. A., Lockaby, B. G., Zipperer, W. C., & Somers, G. L. (2015). Urbanization effects on leaf litter decomposition, foliar nutrient dynamics and aboveground net primary productivity in the subtropics. *Urban Ecosystems*, 18(4), 1285-1303. doi:10.1007/s11252-015-0444-x
- Enloe, H. A., Lockaby, B. G., Zipperer, W. C., & Somers, G. L. (2015). Urbanization effects on soil nitrogen transformations and microbial biomass in the subtropics. *Urban Ecosystems*, 18(3), 963-976. doi:10.1007/s11252-015-0462-8
- Falster, D. S., Duursma, R. A., Ishihara, M. I., Barneche, D. R., FitzJohn, R. G., Vårhammar, A., . . . & York, R. A. (2015). BAAD: a Biomass and allometry database for woody plants. *Ecology*, 96(5), 1445. doi:10.1890/14-1889.1

- Feinberg, D. S., Hostetler, M. E., Reed, S. E., Pienaar, E.F., & Pejchar, L. (2015). Evaluating management strategies to enhance biodiversity in conservation developments: Perspectives from developers in Colorado, USA. *Landscape and Urban Planning*, 136, 87-96. doi:10.1016/j.landurbplan.2014.12.002
- Fernández-Grandon, G. M., Gezan, S. A., Armour, J. A. L., Pickett, J. A., & Logan, J. G. (2015). Heritability of attractiveness to mosquitoes. *PLoS ONE*, 10(4), e0122716; doi:10.1371/journal.pone.0122716
- Fidorra, J. C., Frederick, P. C., Evers, D. C., & Meyer, K. D. (2016). Selection of human-influenced and natural wetlands by Great Egrets at multiple scales in the southeastern USA. *The Condor*, 118(1), 46-56. doi:10.1650/CONDOR-14-117.1
- Finch, C., Pine, W. E., III, & Limburg, K. E. (2015). Do Hydropeaking Flows Alter Juvenile Fish Growth Rates? A Test with Juvenile Humpback Chub in the Colorado River. *River Research and Applications*, 31(2), 156-164. doi:10.1002/rra.2725
- Fletcher, R. J., Robertson, E. P., Wilcox, R. C., Reichert, B. E., Austin, J. D., & Kitchens, W. M. (2015). Affinity for natal environments by dispersers impacts reproduction and explains geographical structure of a highly mobile bird. *Proceedings of the Royal Society B-Biological Sciences*, 282(1814), 40-46. doi:10.1098/rspb.2015.1545
- Flint, J. B., Flint, M., Limpus, C. J., & Mills, P. C. (2015). Trends in marine turtle strandings along the East Queensland, Australia coast, between 1996-2013. *Journal of Marine Biology*. doi:10.1155/2015/848923
- Flint, M., Eden, P. A., Limpus, C. J., Owen, H., Gaus, C., & Mills, P. C. (2015). Clinical and pathological findings in green turtles (*Chelonia mydas*) from Gladstone, Queensland: investigations of a stranding epidemic. *EcoHealth*, 12(2), 298-309. doi:10.1007/s10393-014-0972-5
- Flint, M., Matthews, B. J., Limpus, C. J., & Mills, P. C. (2015). Establishment of reference intervals for plasma protein electrophoresis in the Indo-Pacific green sea turtle, *Chelonia mydas*. *Conservation Physiology*, 3. doi:10.1093/consp/phys/cov1037
- Fogelson, S. B., Yanong, R. P. E., Kane, A., Teal, C. N., Berzins, I. K., Smith, S. A., . . . & Camus, A. (2015). Gross, histological and ultrastructural morphology of the glomerular kidney in the lined seahorse *Hippocampus erectus*. *Journal of Fish Biology*, 87(3), 805-813. doi:10.1111/jfb.12751
- Forbes, J. P., Watts, R. J., Robinson, W. A., Baumgartner, L. J., Allen, M. S., McGuffie, P., . . . & Crooks, D. A. (2015). System-specific variability in murray cod and golden perch maturation and growth influences fisheries management options. *North American Journal of Fisheries Management*, 35(6), 1226-1238. doi:10.1080/02755947.2015.1094153
- Fortini, L. B., Cropper Jr., W. P., & Zarin, D. J. (2015). Modeling the complex impacts of timber harvests to find optimal management regimes for Amazon tidal floodplain forests. *PLoS ONE*, 10(8), e0136740. doi:10.1371/journal.pone.0136740
- Francis, I. M., Jourdan, S., Fanara, S., Loria, R., & Rigali, S. (2015). The cellobiose sensor CebR is the gatekeeper of *Streptomyces scabies* pathogenicity. *MBio*, 6(2), e02018-02014. doi:10.1128/mBio.02018-14
- Francis-Floyd, R., Yanong, R., Landsberg, J., Baker, S., Kiryu, Y., Waltzek, T., . . . & Sharp, W. (2015). Development of diagnostic protocols for health assessment of long-spined sea urchins, *Diadema antillarum*, in Florida. *Journal of Shellfish Research*, 34, 630-631.
- Friedman, M. H., Andreu, M. G., Zipperer, W. C., Northrop, R. J., & Abd-Elrahman, A. (2015). Species composition of forested natural communities near freshwater hydrologic features in an urbanizing watershed

of West Central Florida. *Florida Scientist*, 78(3/4), 111-129.

<http://search.proquest.com/docview/1724883588?accountid=10920>

Fujisaki, I., Mazzotti, F., Watling, J., Krysko, K., & Escibano, Y. (2015). Geographic risk assessment reveals spatial variation in invasion potential of exotic reptiles in an invasive species hotspot. *Herpetological Conservation and Biology*, 10(2), 621-632.

http://www.herpconbio.org/Volume_10/Issue_2/Fujisaki_etal_2015.pdf

Furman, B. L. S., Scheffers, B. R., Taylor, M., Davis, C., & Paszkowski, C. A. (2016). Limited genetic structure in a wood frog (*Lithobates sylvaticus*) population in an urban landscape inhabiting natural and constructed wetlands. *Conservation Genetics*, 17(1), 19-30. doi:10.1007/s10592-015-0757-6

Garcia Villacorta, A. M., Martin, T. A., Jokela, E. J., Cropper Jr., W. P., & Gezan, S. A. (2015). Variation in biomass distribution and nutrient content in loblolly pine (*Pinus taeda* L.) clones having contrasting crown architecture and growth efficiency. *Forest Ecology and Management*, 342, 84-92. doi:10.1016/j.foreco.2015.01.012

García, L. N., & Chapman, F. A. (2015). Possibility of culturing Pacific goliath grouper *Epinephelus quinquefasciatus* in water with different salinities. *Journal MVZ*

García, L. N., Palacios, D. M., Gamboa, J. H., & Chapman, F. A. (2015). Transitioning to a pelleted diet and compensatory growth of Pacific goliath grouper *Epinephelus quinquefasciatus* in captivity. *Journal of Applied Aquaculture*, 27, 124-131. doi:10.1080/10454438.2015.1045761

Gardner, P. G., Frazer, T. K., Jacoby, C. A., & Yanong, R. P. E. (2015). Reproductive biology of invasive lionfish (*Pterois* spp.). *Frontiers in Marine Science*, 2, 7. doi:10.3389/fmars.2015.00007

Garzon-Lopez, C. X., Ballesteros-Mejia, L., Ordoñez, A., Bohlman, S. A., Olf, H., & Jansen, P. A. (2015). Indirect interactions among tropical tree species through shared rodent seed predators: a novel mechanism of tree species coexistence. *Ecology Letters*, 18, 752-760. doi:10.1111/ele.12452

Gerken, A. R., Eller, O. C., Hahn, D. A., & Morgan, T. J. (2015). Constraints, independence, and evolution of thermal plasticity; probing the genetic architecture of long and short-term thermal acclimation. *Proceedings of the National Academy of Sciences*, 112(14), 4399-4404. doi:10.1073/pnas.1503456112

Gibb, H., Sanders, N. J., Dunn, R. R., Watson, S., Photakis, M., Abril, S., ... & Parr, C. L. (2015). Climate mediates the effects of disturbance on ant assemblage structure. *Proceedings of the Royal Society B*, (282), 20150418. doi:10.1098/rspb.2015.0418

Gilbert, J. L., Guthart, M. J., Gezan, S. A., Pisaroglo de Carvalho, M., Schwieterman, M. L., Colquhoun, T. A., . . . & Olmstead, J. W. (2015). Identifying breeding priorities for blueberry flavor using biochemical, sensory and genotype by environment analyses. *PLoS ONE*, 10(9), e0138494. doi:10.1371/journal.pone.0138494

Gillett, A. K., Flint, M., Hulse, L., Hanger, J., & Mills, P. A. (2015). Haematological and biochemical reference intervals for three species of hydrophiine sea snakes (*Hydrophis curtus*, *H. elegans* and *H. peronii*) in Australia. *The Veterinary Journal*, 204(3), 275-281. doi:10.1016/j.tvjl.2015.04.008

Gonzalez-Benecke, C. A., Riveros Walker, A., Martin, T. A., & Peter, G. F. (2015). Automated quantification of intra-annual density fluctuations using microdensity profiles of mature *Pinus taeda* in a replicated irrigation experiment. *Trees – Structure and Function*, 29, 185-197. doi:10.1007/s00468-014-1103-1

- Gonzalez-Benecke, C., Samuelson, L. J., Martin, T. A., Cropper, W. P., Johnsen, K. H., Stokes, T.A., . . . & Anderson, P. H. (2015). Modeling the effects of forest management on in situ and ex situ longleaf pine forest carbon stocks. *Forest Ecology and Management*, 355, 24-36. doi:10.1016/j.foreco.2015.02.029
- Gonzalez-Benecke, C., Samuelson, L. J., Stokes, T. A., Cropper, W. P., Martin, T. A., & Johnsen, K. H. (2015). Understory plant biomass dynamics of prescribed burn *Pinus palustris* stands. *Forest Ecology and Management*, 344, 84-94. doi:10.1016/j.foreco.2015.02.018
- Goswami, V. R., Medhi, K., Nichols, J. D., & Oli, M. K. (2015). Mechanistic understanding of human-wildlife conflict through a novel application of dynamic occupancy models. *Conservation Biology*, 29(4), 1100-1110. doi:10.1111/cobi.12475
- Gress, J., de Oliveira, L. M., da Silva, E. B., Lessl, J. M., Wilson, P. C., Townsend, T., & Ma, L. Q. (2015). Cleaning-induced arsenic mobilization and chromium oxidation from CCA-wood deck: Potential risk to children. *Environment International*, 82, 35-40. doi:10.1016/j.envint.2015.04.012
- Guan, D.-X., Williams, P. N., Luo, J., Zheng, J.-L., Xu, H.-C., Cai, C., & Ma, L. Q. (2015). Novel precipitated zirconia-based DGT technique for high-resolution imaging of oxyanions in waters and sediments. *Environmental Science & Technology*, 49(6), 3653-3661. doi:10.1021/es505424m
- Gutzler, B. C., Butler IV, M. J., & Behringer, D. C. (2015). Casitas: a location-dependent ecological trap for juvenile Caribbean spiny lobsters, *Panulirus argus*. *ICES Journal of Marine Science*, 72(S1), i177-i184. doi:10.1093/icesjms/fsv041
- Halfhide, T., Dalrymple, O. K., Wilkie, A. C., Trimmer, J., Gillie, B., Udom, I., . . . & Ergas, S. J. (2015). Growth of an indigenous algal consortium on anaerobically digested municipal sludge centrate: photobioreactor performance and modeling. *Bioenergy Research*, 8(1), 249-258. doi:10.1007/s12155-014-9513-x
- Hargrove, J. S., Sturmer, L., Scarpa, J., & Austin, J. D. (2015). Assessment of genetic diversity in wild and aquaculture stocks of *Mercenaria mercenaria* in Florida. *Journal of Shellfish Research*, 34(2), 355-365. doi:10.2983/035.034.0218
- Hart, J. A., Phlips, E. J., Badylak, S., Dix, N., Petrinc, K., Mathews, A. L., . . . & Srif, A. (2015). Phytoplankton biomass and composition in a well-flushed sub-tropical estuary: The contrasting effects of hydrology, nutrient loads and allochthonous influences. *Marine Environmental Research*, 112, 9-20. doi:10.1016/j.marenvres.2015.08.010
- Hart, K., Cherkiss, M., Mazzotti, F., Fujisaki, I., Snow, R., & Dorcas, M. (2015). Home range, habitat use, and movement patterns of non-native Burmese pythons in Everglades National Park, Florida, USA. *Animal Biotelemetry*, 3, 8. doi:10.1186/s40317-015-0022-2
- Hart, K., Sartain, A., & Fujisaki, I. (2015). Bahamas connection: residence areas selected by breeding female loggerheads tagged in Dry Tortugas National Park, USA. *Animal Biotelemetry*, 3, 3. doi:10.1186/s40317-014-0019-2
- Havens, K. E., & Steinman, A. D. (2015). Ecological responses of a large shallow lake (Okeechobee, Florida) to climate change and potential future hydrologic regimes. *Environmental Management*, 55, 763-775. doi:10.1007/s00267-013-0189-3
- Havens, K. E., Beaver, J. R., & East, T. L. (2015). Inter-lake comparisons indicate that fish predation, rather than high temperature, is the major driver of summer decline in *Daphnia* and other changes among cladoceran zooplankton in subtropical Florida lakes. *Hydrobiologia*, 750, 57-67. doi:10.1007/s10750-015-2177-5

- Havens, K. E., Pinto-Coelho, R. M., Beklioglu, M., Christoffersen, K. S., Jeppesen, E., Lauridsen, T. L., . . . & Vijverberg, J. (2015). Temperature effects on body size of freshwater zooplankton from Greenland to the tropics. *Hydrobiologia*, 743, 27-35. doi:10.1007/s10750-014-2000-8
- Haynes, N. A., & Jacobson, S. K. (2015). Barriers and perceptions of natural resource careers by minority students. *Journal of Environmental Education*, 46(3), 166–182. doi:10.1080/00958964.2015.1011595
- Haynes, N. A., Jacobson, S. K., & Wald, D. M. (2015). A life cycle analysis of minority underrepresentation in natural resource field. *Wildlife Society Bulletin*, 39(2), 228–238. doi:10.1002/wsb.525
- Hazir, C., Kanzaki, N., Gulcu, B., Hazir, S., & Giblin-Davis, R. M. (2015). Reverse taxonomy reveals *Pristionchus maupasi* (Diplogasterida: Diplogasteridae) association with the soil-dwelling bee *Andrena optata* (Hymenoptera: Andrenidae) in Turkey. *Florida Entomologist*, 98(1), 364-367. doi:10.1653/024.098.0160
- Hensley, R. T., Cohen, M. J., & Korhnak, L. V. (2015). Hydraulic effect on nitrogen removal in a tidal spring-fed river. *Water Resources Research*, 51, 1443-1456. doi:10.1002/2014WR016178
- Hill, J. E., & Lawson, K. M. (2015). Risk screening of *Arapaima*, a new species proposed for aquaculture in Florida. *North American Journal of Fisheries Management*, 35, 885-894. doi:10.1080/02755947.2015.1064835
- Hill, J. E., & Sowards, J. (2015). Successful eradication of the non-native loricariid catfish *Pterygoplichthys disjunctivus* from the Rainbow River, Florida. *Management of Biological Invasions*, 6, 311-317. doi:10.3391/mbi.2015.6.3.11
- Holmes, M. E., Chanton, J. P., Tfaily, M. M., & Ogram, A. (2015). CO₂ and CH₄ isotope compositions and production pathways in a tropical peatland. *Global Biogeochemical Cycles*, 29(1), 1-18. doi:10.1002/2014gb004951
- Hong, J., Grunwald, S., & Vasques, G. M. (2015). Soil phosphorus landscape models for precision soil conservation. *Journal of Environmental Quality*, 44(3), 739-753. doi:10.2134/jeq2014.09.0379
- Horn, J., Escobedo, F. J., Hinkle, R., Hostetler, M., & Timilsina, N. (2015). The role of composition, invasives, and maintenance emissions on urban forest carbon stocks. *Environmental Management*, 55, 431-442. doi:10.1007/s00267-014-0400-1
- Howeth, J. G., Gantz, C. A., Angermeier, P. L., Frimpong, E. A., Hoff, M., Keller, R. P., ... & Lodge, D. M. (2016). Predicting invaders from trade: Climate match, trophic guild, and fecundity influence invasion success of non-native freshwater fishes. *Diversity and Distributions*, 22(2), 148-160. doi:10.1111/ddi.12391
- Hoyer, M. V., Terrell, J. B., & Canfield Jr., D. E. (2015). Chain of eutrophication models for assessing the potential impact of nutrient enrichment on Choctawhatchee Bay, FL, USA. *Florida Scientist*, 78(1), 20-36.
- Hu, J., Inglett, K. S., Clark, M. W., Inglett, P. W., & Reddy, K. R. (2015). Nitrous oxide production and consumption by denitrification in a grassland: Effects of grazing and hydrology. *Science of the Total Environment*, 532, 702-710. doi:10.1016/j.scitotenv.2015.06.036
- Huang, P., Kerman, K., Sieving, K. E., & St. Mary, C. M. (2016). Evaluating the novel environment test for measurement of exploration by bird species. *Journal of Ethology*, 34(1), 45-51. doi:10.1007/s10164-015-0444-6
- Huang, Y., & Gerber, S. (2015). Global soil nitrous oxide emissions in a dynamic carbon-nitrogen model. *Biogeosciences*, 12(21), 6405-6427. doi:10.5194/bg-12-6405-2015

- Huang, Y., Li, T., Wu, C., He, Z., Japenga, J., Deng, M., & Yang, X. (2015). An integrated approach to assess heavy metal source apportionment in peri-urban agricultural soils. *Journal of Hazardous Materials*, 299, 540-549. doi:10.1016/j.jhazmat.2015.07.041
- Hughes, M. A., Smith, J. A., Ploetz, R. C., Kendra, P. E., Mayfield, A. E., Hanula, J. L., . . . & Pernas, T. (2015). Recovery plan for laurel wilt on redbay and other forest species by *Raffaelea lauricola* and disseminated by *Xyleborus glabratus*. *Plant Health Progress*, 16(4), 173-210. doi:10.1094/PHP-RP-15-0017
- Humprey, H. R., & Oli, M. K. (2015). Population dynamics of the cave bat, *Myotis velifer*, in Oklahoma. *Journal of Mammalogy*, 96(5), 946-956. doi:10.1093/jmammal/gyv095
- Irick, D. L., Gu, B., Li, Y. C., Inglett, P. W., Frederick, P. C., Ross, M. S., . . . & Ewe, S. M. L. (2015). Wading bird guano enrichment of soil nutrients in tree islands of the Florida Everglades. *Science of the Total Environment*, 532, 40-47. doi:10.1016/j.scitotenv.2015.05.097
- Jain, M., Gallo, M., Chengalrayan, K., Shaikh, N. P., MacDonald, G. E., & Davis, J. M. (2015). Phorate-induced host defense responses condition acquired resistance to tomato spotted wilt in cultivated peanut (*Arachis hypogaea* L.). *Journal of Phytopathology*, 163, 853-866. doi:10.1111/jph.12385
- Jiang, X., Xin, X., Li, S., Zhou, J., Zhu, T., Muller, C., . . . & Wright, A. L. (2015). Significance of Fe oxide in regulating N transformations in subtropical acid soils. *Nature -Scientific Reports*, 5(8615). doi:10.1038/srep08615
- Jørgensen, C., Inglett, K. S., Jensen, H. S., Reitzel, K., & Reddy, K. R. (2015). Characterization of biogenic phosphorus in outflow water from constructed wetlands. *Geoderma*, 257, 58-66. doi:10.1016/j.geoderma.2015.01.019
- Kadiyala, M. D. M., Jones, J. W., Mylavarapu, R. S., Li, Y. C., Reddy, M. D., & Umadevi, M. (2015). Study of spatial water requirements of rice under various crop establishment methods using GIS and crop models. *Journal of Agrometeorology*, 17(1), 1-10.
- Kanzaki, N., Giblin-Davis, R. M., & Ragsdale, E. (2015). *Allodiplogaster josephi* n. sp. and *A. seani* n. sp. (Nematoda: Diplogastridae), associates of soil-dwelling bees in the eastern USA. *Nematology*, 17(7), 831-863. doi:10.1163/15685411-00002908
- Kisekka I., Migliaccio, K. W., Munoz-Carpena, R., Schaffer, B., & Khare, Y. (2015). Modelling soil water dynamics considering measurement uncertainty. *Hydrological Processes*, 29(5), 692-711. doi:10.1002/hyp.10173
- Kline, R. J., Parkyn, D. C., & Murie, D. J. (2015). Empirical modelling of solid-blocking effect in a Blazka respirometer for gag, a large demersal reef fish. *Advances in Zoology and Botany*, 3(5), 193-202. doi:10.13189/azb.2015.030501
- Klug, P. E., Reed, R. N., Mazzotti, F. J., McEachern, M. A., Vinci, J. J., Craven, K. K., & Adams, A. A. Y. (2015). The influence of disturbed habitat on the spatial ecology of Argentine black and white tegu (*Tupinambis merianae*), a recent invader in the Everglades ecosystem (Florida, USA). *Biological Invasions*, 17(6), 1785-1797. doi:10.1007/s10530-014-0834-7
- Knox, N. M., Grunwald, S., McDowell, M. L., Bruland, G. L., Myers, D. B., & Harris, W. G. (2015). Modelling soil carbon fractions with visible near-infrared (VNIR) and mid-infrared (MIR) spectroscopy. *Geoderma*, 239, 229-239. doi:10.1016/j.geoderma.2014.10.019

- Kolarik, M., Hulcr, J., & Kirkendall, L. R. (2015). New species of *Geosmithia* and *Graphium* associated with ambrosia beetles in Costa Rica. *Czech Mycology*, 67(1), 29-35.
http://www.czechmycology.org/_cmo/CM67103.pdf
- Kostovcik, M., Bateman, C. C., Kolarik, M., Stelinski, L. L., Jordal, B. H., & Hulcr, J. (2015). The ambrosia symbiosis is specific in some species and promiscuous in others: evidence from community pyrosequencing. *ISME Journal*, 9(1), 126-138. doi:10.1038/ismej.2014.115
- Kough, A. S., Paris, C. B., Behringer, D. C., & Butler IV, M. J. (2015). Modeling the spread and connectivity of waterborne marine pathogens: the case of PaV1 in the Caribbean. *ICES Journal of Marine Science*, 72, i139-i146. doi: 10.1093/icesjms/fsu209
- Kuehn, M. J., Peer, B. D., McCleery, R. A., & Rothstein, S. I. (2016). Yellow warbler defenses are retained in the absence of brood parasitism but enhanced by experience with cowbirds. *Behavioral Ecology*, 27(1), 279-286. doi:10.1093/beheco/arv145
- Kurz, M. J., Martin, J. B., Cohen, M. J., & Hensley, R. T. (2015). Diffusion and seepage-driven element fluxes from the hyporheic zone of a karst river. *Freshwater Science*, 34, 206-221. doi:10.1086/679654
- Kuznetsova, E., Nocek, B., Brown, G., Makarova, K. S., Flick, R., Wolf, Y. I., . . . & Yakunin, A. F. (2015). Functional diversity of haloacid dehalogenase superfamily phosphatases from *Saccharomyces cerevisiae*: biochemical, structural, and evolutionary insights. *Journal of Biological Chemistry*, 290(30), 18678-18698. doi:10.1074/jbc.M115.657916
- Kwon, H., & Grunwald, S. (2015). Inverse modeling of CO₂ evolved during laboratory soil incubation to link modeled pools in CENTURY with measured soil properties. *Soil Science*, 180(1), 28-32. doi:10.1097/SS.0000000000000101
- Lagos, M. L., Maruyama, F., Nannipieri, P., Mora, M. L., Ogram, A., & Jorquera, M. A. (2015). Current overview on the study of bacteria in the rhizosphere by modern molecular techniques: A mini-review. *Journal of Soil Science and Plant Nutrition*, 15(2), 504-523.
- Lamont, M., Fujisaki, I., Stephens, B., & Hackett, C. (2015). Home range and habitat use of juvenile green turtles (*Chelonia mydas*) in the northern Gulf of Mexico. *Animal Biotelemetry*, 3, 53. doi:10.1186/s40317-015-0089-9
- Lamont, M., Putman, N., Fujisaki, I., & Hart, K. (2015). Spatial requirements of different life-stages of loggerhead turtles from a distinct population segment in the northern Gulf of Mexico. *Herpetological Conservation and Biology*, 10, 26-43. http://www.herpconbio.org/Volume_10/Issue_1/Lamont_etal_2015.pdf
- Lawson Jr., L. L., Hill, J. E., Hardin, S., Vilizzi, L., & Copp, G. H. (2015). Evaluation of the Fish Invasiveness Screening Kit (FISK v2) for peninsular Florida. *Management of Biological Invasions*, 6, 413-422. doi:10.3391/mbi.2015.6.4.09
- Lawson Jr., L. L., Tuckett, Q. M., Lawson, K. M., Watson, C. A., & Hill, J. E. (2015). Lower lethal temperature for *Arapaima gigas*: potential implications for culture and establishment in Florida. *North American Journal of Aquaculture*, 77, 497-502.
- Leiva, J. A., Nkedi-Kizza, P., Morgan, K. T., & Qureshi, J. A. (2015). Imidacloprid sorption kinetics, equilibria, and degradation in sandy soils of Florida. *Journal of Agricultural and Food Chemistry*, 63(20), 4915-4921. doi:10.1021/acs.jafc.5b00532

- Lesmeister, D. B., C. K. Nielsen, E. M. Schaubert, and E. C. Hellgren. (2015). Spatial and temporal structure of a mesocarnivore guild in midwestern North America. *Wildlife Monographs*, 191(1), 1-61. doi:10.1002/wmon.1015
- Lessl, J. T., Guan, D. X., Sessa, E., Rathinasabapathi, B., & Ma, L. Q. (2015). Transfer of arsenic and phosphorus from soils to the fronds and spores of arsenic hyperaccumulator *Pteris vittata* and three non-hyperaccumulators. *Plant and Soil*, 390(1-2), 49-60. doi:10.1007/s11104-014-2376-2
- Li, C., Cui, X.-Y., Fan, Y.-Y., Teng, Y., Nan, Z.-R., & Ma, L. Q. (2015). Tenax as sorption sink for in vitro bioaccessibility measurement of polycyclic aromatic hydrocarbons in soils. *Environmental Pollution*, 196, 47-52. doi:10.1016/j.envpol.2014.09.016
- Li, H. F., Lan, Y. C., Fujisaki, I., Kanzaki, N., Lee, H. J., & Su, N. Y. (2015). Termite assemblage pattern and niche partitioning in a tropical forest ecosystem. *Environmental Entomology*, 44(3), 546-556. doi:10.1093/ee/nvv038
- Li, H.-B., Chen, K., Juhasz, A. L., Huang, L., & Ma, L. Q. (2015). Childhood lead exposure in an industrial town in China: Coupling stable isotope ratios with bioaccessible lead. *Environmental Science & Technology*, 49(8), 5080-5087. doi:10.1021/es5060622
- Li, H.-B., Li, J., Zhu, Y.-G., Juhasz, A. L., & Ma, L. Q. (2015). Comparison of arsenic bioaccessibility in housedust and contaminated soils based on four in vitro assays. *Science of the Total Environment*, 532, 803-811. doi:10.1016/j.scitotenv.2015.06.060
- Li, J., Li, K., Cave, M., Li, H. B., & Ma, L. Q. (2015). Lead bioaccessibility in 12 contaminated soils from China: Correlation to lead relative bioavailability and lead in different fractions. *Journal of Hazardous Materials*, 295, 55-62. doi:10.1016/j.jhazmat.2015.03.061
- Li, J., Li, K., Cui, X. Y., Basta, N. T., Li, L. P., ... & Ma, L. Q. (2015). In vitro bioaccessibility and in vivo relative bioavailability in 12 contaminated soils: Method comparison and method development. *Science of the Total Environment*, 532, 812-820. doi:10.1016/j.scitotenv.2015.05.113
- Li, K., Li, C., Yu, N. Y., Juhasz, A. L., Cui, X. Y., & Ma, L. Q. (2015). In vivo bioavailability and in vitro bioaccessibility of perfluorooctanoic acid (PFOA) in food matrices: Correlation analysis and method development. *Environmental Science & Technology*, 49(1), 150-158. doi:10.1021/es505075z
- Li, S.-W., Li, J., Li, H.-B., Naidu, R., & Ma, L. Q. (2015). Arsenic bioaccessibility in contaminated soils: Coupling in vitro assays with sequential and HNO₃ extraction. *Journal of Hazardous Materials*, 295, 145-152. doi:10.1016/j.jhazmat.2015.04.011
- Linhoss, A. C., Munoz-Carpena, R., Kiker, G., & Wolski, P. (2015). Reducing uncertainty based on model fitness: Application to a reservoir model. *Water SA*, 41(1), 105-114. doi:10.4314/wsa.v41i1.13
- Linhoss, A., Kiker, G., Shirley, M., & Frank, K. (2015). Sea-level rise, inundation, and marsh migration: simulating impacts on developed lands and environmental systems. *Journal of Coastal Research*, 31(1), 36-46. doi:10.2112/JCOASTRES-D-13-00215.1
- Liu, X., Yang, G.-M., Guan, D.-X., Ghosh, P., & Ma, L. Q. (2015). Catechol-siderophore produced by As-resistant bacterium effectively dissolved FeAsO₄ and promoted *Pteris vittata* growth. *Environmental Pollution*, 206, 376-381. doi:10.1016/j.envpol.2015.07.034

- Liu, Z., Li, Y. C., Zhang, S., Fu, Y., Fan, X., Patel, J. S., & Zhang, M. (2015). Characterization of phosphate-solubilizing bacteria isolated from calcareous soils. *Applied Soil Ecology*, 96, 217-224. doi:10.1016/j.apsoil.2015.08.003
- Long, A. K., Conner, L. M., Smith, L. L., & McCleery, R. A. (2015). Effects of an invasive ant and native predators on cotton rat recruitment and survival. *Journal of Mammalogy*, 96(6), 1135-1141. doi:10.1093/jmammal/gyv121
- Long, A. K., Knapp, D. D., McCullough, L., Smith, L. L., Conner, L. M., & McCleery, R. A. (2015). Southern toads alter their behavior in response to red-imported fire ants. *Biological Invasions*, 17(7), 2179-2186. doi:10.1007/s10530-015-0869-4
- Lu, J., Wills, P. S., & Wilson, P. C. (2015). Trace analysis of off-flavor/odor compounds in water using liquid-liquid microextraction coupled with gas chromatography—positive chemical ionization-tandem mass spectrometry. *Frontiers of Environmental Science & Engineering*, 1-5. doi:10.1007/s11783-015-0820-z
- Lupon, A., Gerber, S., Sabater, F., & Bernal, S. (2015). Climate response of the soil nitrogen cycle in three forest types of a headwater Mediterranean catchment. *Journal of Geophysical Research-Biogeosciences*, 120(5), 859-875. doi:10.1002/2014jg002791
- Machtinger, E. T., Geden, C. J., Teal, P. E., & Leppla, N. C. (2015). Comparison of host-seeking behavior of the filth fly pupal parasitoids, *Spalangia cameroni* and *Muscidifurax raptor* (Hymenoptera: Pteromalidae). *Environmental Entomology*, 44(2), 330–337. doi:10.1093/ee/nvu063
- Machtinger, E. T., Geden, C.J., Hogsette, J.A., & Leppla, N.C. (2015). Linear dispersal of the filth fly parasitoid *Spalangia Cameroni* (Hymenoptera:Pteromalidae) and parasitism of hosts at increasing distances. *PLoS ONE*, e0129105. doi:10.1371/journal.pone.0129105c
- Maldonado-Chaparro, A., Martin, J. G., Armitage, K. B., Oli, M. K., & Blumstein, D. T. (2015). Environmentally induced phenotypic variation in wild yellow-bellied marmots. *Journal of Mammalogy*, 96(2), 269-278. doi:10.1093/jmammal/gyu006
- Marchi, G., Vilar, C. C., O'Connor, G., & Naves Silva, M. L. (2015). Surface complexation modeling in variable charge soils: Charge characterization by potentiometric titration. *Revista Brasileira De Ciencia Do Solo*, 39(5), 1386-1394. doi:10.1590/01000683rbcS20140528
- Martini, X., Hughes, M. A., Smith, J. A., & Stelinski, L. L. (2015). Attraction of redbay ambrosia beetle, *Xyleborus glabratus*, to leaf volatiles of its host plants in North America. *Journal of Chemical Ecology*, 41(7), 613-621. doi:10.1080/15222055.2015.1066471
- Martins, K., Kimura, R. K., Francisconi, A. F., Gezan, S., Kainer, K., & Christianini, A. V. (2015). The role of very small fragments in conserving genetic diversity of a common tree in a hyper fragmented Brazilian Atlantic forest landscape. *Conservation Genetics*, doi:10.1007/s10592-10015-10800-10597
- Marton, J. M., Creed, I. F., Lewis, D. B., Lane, C. R., Basu, N. B., Cohen, M. J., & Craft, C. B. (2015). Geographically isolated wetlands are important biogeochemical reactors on the landscape. *Bioscience*, 65, 408-418. doi:10.1093/biosci/biv009
- Mathews, A. L., Philips, E. J., & Badylak, S. (2015). Modeling phytoplankton productivity in a shallow microtidal sub-tropical estuary. *Marine Ecology Progress Series*, 531, 63-80. doi:10.3354/meps11313

- Mazzotti, F. J., McEachern, M., Rochford, M., Reed, R. N., Ketterlin Eckles, J., Vinci, J., . . . & Wasilewski, J. (2015). Tupinambis merianae as nest predators of crocodilians and turtles in Florida, USA. *Biological Invasions*, 17, 47-50. doi:10.1007/s10530-014-0730-1
- McCarthy, K. P., & Fletcher, R. J. (2015). Does hunting activity for game species have indirect effects on resource selection by the endangered Florida panther? *Animal Conservation*, 18(2), 138-145. doi:10.1111/acv.12142
- McCleery, R. A., Holdorf, A. R., Hubbard, L. L., & Peer, B. D. (2015). Maximizing the wildlife conservation value of road right-of-ways in an agriculturally dominated landscape. *PLoS ONE*, 10(3), e0120375. doi:10.1371/journal.pone.0120375
- McCleery, R. A., Sovie, A., Reed, R. N., Cunningham, M. W., Hunter, M. E., & Hart, K. M. (2015). Marsh rabbit mortalities tie pythons to the precipitous decline of mammals in the Everglades. *Proceedings of the Royal Society B-Biological Sciences*, 282(1805). doi:10.1098/rspb.2015.0120
- McGlinn, D., Xiao, X., Kitzes, J., & White, E. P. (2015). Exploring the spatially explicit predictions of the maximum entropy theory of ecology. *Global Ecology and Biogeography*, 24(6), 675-684. doi:10.1111/geb.12295
- McGrady, M. J., al Fazari, W. A., al Jahdham, M. H., Hines, J. E., & Oli, M. K. (2015). Survival of Sooty falcons (*Falco concolor*) breeding in Oman. *Journal of Ornithology*. doi:10.1007/s10336-015-1302-6
- Medvedeff, C. A., Inglett, K. S., & Inglett, P. W. (2015). Can fire residues (ash and char) affect microbial decomposition in wetland soils? *Wetlands*, 35(6), 1165-1173. doi:10.1007/s13157-015-0703-x
- Medvedeff, C. A., Inglett, K. S., & Inglett, P. W. (2015). Patterns and controls of anaerobic soil respiration and methanogenesis following extreme restoration of calcareous subtropical wetlands. *Geoderma*, 245, 74-82. doi:10.1016/j.geoderma.2015.01.018
- Messer, C. M., Shriver, T. E., & Adams, A. E. (2015). Collective identity and memory: a comparative analysis of community response to environmental hazards. *Rural Sociology*, 80(3), 314-339. doi:10.1111/ruso.12069
- Meyer, J. L., Gunasekera, S. P., Scott, R. M., Paul, V. J., & Teplitski, M. (2015). Microbiome shifts and the inhibition of quorum sensing by Black Band Disease cyanobacteria. *The ISME journal*. doi:10.1038/ismej.2015
- Miller, S. J., VanGenechten, D. T., & Cichra, C. E. (2015). Length-weight relationships and an evaluation of fish-size and seasonal effects on relative condition (Kn) of fishes from the Wekiva River, Florida. *Florida Scientist*, 78, 1-19.
- Miller, S., Zieger, U., Ganser, C., Satterlee, S.A., Bankovich, B., Amadi, V., ... & Wisely, S. M. (2015). Influence of land use and climate on *Salmonella* carrier status in the small Indian mongoose (*Herpestes auropunctatus*) in Grenada, West Indies. *Journal of Wildlife Diseases*, 51(1), 60-68. doi:10.7580/2014-02-046
- Mintzer, V. J., Schmink, M., Lorenzen, K., Frazer, T. K., Martin, A. R., & da Silva, V. M. F. (2015). Attitudes and behaviors toward Amazon River dolphins (*Inia geoffrensis*) in a sustainable use protected area. *Biodiversity and Conservation*, 24, 247-269. doi:10.1007/s10531-014-0805-4
- Mobberley, J. M., Khodadad, C. L. M., Visscher, P. T., Reid, R. P., Hagan, P., & Foster, J. S. (2015). Inner workings of thrombolites: Spatial gradients of metabolic activity as revealed by metatranscriptome profiling. *Scientific Reports*, 5. doi:10.1038/srep12601
- Monadjem, A., McCleery, R. A., & Collier, B. (2015). Patterns of survival and roost switching in an African insectivorous bat. *Journal of Zoology*, 296(1), 15-22. doi:10.1111/jzo.12210

- Morrison, E., Newman, S., Bae, H. S., He, Z., Zhou, J., Reddy, K. R., & Ogram, A. (2016). Microbial genetic and enzymatic responses to an anthropogenic phosphorus gradient within a subtropical peatland. *Geoderma*, 268, 119-127. doi:10.1016/j.geoderma.2016.01.008
- Morton, L. W., Eigenbrode, S. D., & Martin, T. A. (2015). Architectures of adaptive integration in large collaborative projects. *Ecology and Society*, 20, 5-15. doi:10.5751/ES-07788-200405
- Moulton, M. P., & Cropper, W. P. (2015). A comment on the role of propagule pressure in the establishment success of introduced birds. *Oecologia*, 177, 317-319. doi:10.1007/s00442-014-3184-3
- Moulton, M. P., Cropper Jr., W. P., & Broz, A. J. (2015). Inconsistencies among secondary sources of Chukar Partridge (*Alectoris chukar*) introductions to the United States. *PeerJ*, 3, e1447. <https://doi.org/10.7717/peerj.1447>
- Mushet, D. M., Calhoun, A. J. K., Alexander, L. C., Cohen, M. J., DeKeyser, E. S., Fowler, L., . . . & Walls., S. C. (2015). Geographically isolated wetlands: rethinking a misnomer. *Wetlands*, 35, 424-431. doi:10.1007/s13157-015-0631-9
- Myhrvold, N. P., Baldrige, E., Chan, B., Sivam, D., Freeman, D. L., & Morgan Ernest, S. K. (2015). An amniote life-history database to perform comparative analyses with birds, mammals, and reptiles. *Ecology*, 96(11), 3109. doi:10.1890/15-0846R.1
- Naab, J. B., Mahama, G. Y., Koo, J., Jones, J. W., & Boote, K. J. (2015). Nitrogen and phosphorus fertilization with crop residue retention enhances crop productivity, soil organic carbon, and total soil nitrogen concentrations in sandy-loam soils in Ghana. *Nutrient Cycling in Agroecosystems*, 102(1), 33-43. doi:10.1007/s10705-015-9675-8
- Nair, V. D., Clark, M. W., & Reddy, K. R. (2015). Evaluation of legacy phosphorus storage and release from wetland soils. *Journal of Environmental Quality*, 44(6), 1956-1964. doi:10.2134/jeq2015.03.0154
- Nascente, A. S., Li, Y., & Crusciol, C. A. C. (2015). Soil aggregation, organic carbon concentration, and soil bulk density as affected by cover crop species in a no-tillage system. *Revista Brasileira de Ciência do Solo*, 39(3), 871-879. doi:10.1590/01000683rbc20140388
- Nazarian, A., & Gezan, S. A. (2015). Integrating nonadditive genomic relationship matrices into the study of genetic architecture of complex traits. *Journal of Heredity*, doi:10.1093/jhered/esv1096
- Nell, L., & Frederick, P.C. (2015). Fallen nestlings and regurgitant as mechanisms of nutrient transfer from nesting wading birds to crocodilians. *Wetlands*, 35(4), 723-732. doi:10.1007/s13157-015-0664-0
- Nicholson, W. L., Zhalnina, K., de Oliveira, R. R., & Triplett, E. W. (2015). Proposal to rename *Carnobacterium inhibens* as *Carnobacterium inhibens* subsp. *inhibens* subsp. nov. and description of *Carnobacterium inhibens* subsp. *gilichinskyi* subsp. nov., a psychrotolerant bacterium isolated from Siberian permafrost. *International Journal of Systematic and Evolutionary Microbiology*, 65, 556-561. doi:10.1099/ijs.0.067983-0
- Nifong, J. C., Layman, C. A., & Silliman, B. R. (2015). Size, sex and individual-level behaviour drive intrapopulation variation in cross-ecosystem foraging of a top-predator. *Journal of Animal Ecology*, 84(1), 35-48. doi:10.1111/1365-2656.12306
- Nunez-Regueiro, M., Branch, L., Fletcher, R. J., Maras, G. A., Derlindati, E., & Talamo, A. (2015). Spatial patterns of mammal occurrence in forest strips surrounded by agricultural crops of the Chaco region, Argentina. *Biological Conservation*, 187, 19-26. doi:10.1016/j.biocon.2015.04.001

- O'Donnell, K., Sink, S., Libeskind-Hadas, R., Hulcr, J., Kasson, M. T., Ploetz, R. C., . . . & Rooney, A. P. (2015). Discordant phylogenies suggest repeated host shifts in the *Fusarium*–*Euwallacea* ambrosia beetle mutualism. *Fungal Genetics and Biology*, 82, 277-290. doi:10.1016/j.fgb.2014.10.014
- O'Reilly, C. M., Sharma, S., Gray, D. K., Hampton, S. E., Read, J. S., Rowley, R. J., . . . & Zhang, G. (2015). Rapid and highly variable warming of lake surface waters around the globe. *Geophysical Research Letters*. doi:10.1002/2015GL066235
- Obase, K., Douhan, G. W., Matsuda, Y., & Smith, M. E. (2015). *Cladophialophora floridana* and *Cladophialophora tortuosa*, new species isolated from sclerotia of *Cenococcum geophilum* in forest soils of Florida, USA. *Mycoscience*, 57(1), 26-34. doi:10.1016/j.myc.2015.07.005
- Ober, H. K., Friedl, S. E., & Tucker, M. P. (2015). Data from rapid inventories of bats as insight for forest habitat management. *Journal of the Southeastern Association of Fish and Wildlife Agencies*, 2, 171-180. <http://seafwa.org/html/journals/pdf/26%20Ober%20et%20al%20171-180.pdf>
- Pacifici, M., Foden, W. B., Visconti, P., Watson, J. E. M., Butchart, S. H. M., Kovacs, K. M., ...& Rondinini, C. (2015). Assessing species vulnerability to climate change. *Nature Climate Change*, 5, 215-224. doi:10.1038/nclimate2448
- Patterson, J. T., & Green, C. C. (2015). Physiological management of dietary deficiency in n-3 fatty acids by spawning Gulf killifish (*Fundulus grandis*). *Fish Physiology and Biochemistry*, 41(4), 971-979. doi:10.1007/s10695-015-0062-9
- Pearson, B. J., & Beeson, R. C. (2015). Influence of mulch type and depth on stormwater runoff and leachate from runoff boxes containing simulated urban landscape soils. *Florida Scientist*, 78(1), 37-46.
- Peng, Y., Xiong, X., Adhikari, K., Knadel, M., Grunwald, S., & Greve, M. H. (2015). Modeling soil organic carbon at regional scale by combining multi-spectral images with laboratory spectra. *PLoS ONE*, 10(11). doi:10.1371/journal.pone.0142295
- Phlips, E. J., Badylak, S., Lasi, M., Chamberlain, R., Green, W., Hall, L., . . . & Steward, J. (2015). From red tides to green and brown tides: Bloom dynamics in a restricted subtropical lagoon under shifting climatic conditions. *Estuaries and Coasts*, 38, 886-904. doi:10.1007/s12237-014-9874-6
- Pimiento, C., Nifong, J. C., Hunter, M. E., Monaco, E., & Silliman, B. R. (2015). Habitat use patterns of the invasive red lionfish *Pterois volitans*: a comparison between mangrove and reef systems in San Salvador, Bahamas. *Marine Ecology-an Evolutionary Perspective*, 36(1), 28-37. doi:10.1111/maec.12114
- Pine III, W. E., Walters, C. J., Camp, E., V., Bouchillon, R., Ahrens, R., . . . & Berrigan, M. (2015). The curious case of eastern oyster *Crassostrea virginica* stock status in Apalachicola Bay, Florida. *Ecology and Society*, 20(3), 46. doi:10.5751/ES-07827-200346
- Poisot, T. E., Baiser, B., Dunne, J. A., Kéfi, S., Massol, F., Mouquet, N., ... & Gravel, D. (2015). Mangal–making ecological network analysis simple. *Ecography*, 38. doi:10.1111/ecog.00976
- Poisot, T., Gravel, D., Leroux, S., Wood, S. A., Fortin, M. J., Baiser, B., ... & Stouffer, D. B. (2015). Synthetic datasets and community tools for the rapid testing of ecological hypotheses. *Ecography*, 38. doi:10.1111/ecog.01941
- Rains, M., Leibowitz, S., Cohen, M., Creed, I., Golden, H., Jawitz, J., . . . & McLaughlin, D. (2015). Geographically isolated wetlands are part of the hydrological landscape. *Hydrological Processes*. doi:10.1002/hyp.10610

- Ramnarine, R., Harris, W. G., & Grunwald, S. (2015). Predicting the distribution of naturally-occurring phosphatic soils across a countywide landscape, Florida, USA. *Communications in Soil Science and Plant Analysis*. doi:10.1080/00103624.2015.1043453
- Rampelotto, P. H., Muller Barboza, A. D., Pereira, A. B., Triplett, E. W., Schaefer, C. E., de Oliveira Camargo, F. A., & Roesch, L. F. (2015). Distribution and interaction patterns of bacterial communities in an ornithogenic soil of Seymour Island, Antarctica. *Microbial Ecology*, 69(3), 684-694. doi:10.1007/s00248-014-0510-6
- Rochford, M. R., Lemm, J. M., Krysko, K., Somma, L. A., Hansen, R. W., & Mazzotti, F. J. (2015). Spreading holiday spirit and northwestern salamanders, *Ambystoma gracile* (Baird 1859)(Caudata: Ambystomatidae), across the USA. *IRCF Reptiles and Amphibians*, 22(3), 126-127.
- Rockwell, C. A., & Kainer, K. A. (2015). Local and scientific perspectives on the bamboo-dominated forest in Acre, Brazil: A complementary knowledge base for multiple use forest management. *International Forestry Review*, 17(S1), 51-64. doi:10.1505/146554815814668945
- Rodriguez-Jorquera, I., Kroll, K. J., Toor, G. S., & Denslow, N. D. (2015). Transcriptional and physiological response to fathead minnows (*Pimephales promelas*) exposed to urban waters entering into wildlife protected areas. *Environmental Pollution*, 199, 155-165. doi:10.1016/j.envpol.2015.01.021
- Rojas-Benitez, D., Thiaville, P. C., de Crecy-Lagard, V., & Glavic, A. (2015). The levels of a universally conserved tRNA modification regulate cell growth. *Journal of Biological Chemistry*, 290(30), 18699-18707. doi:10.1074/jbc.M115.665406
- Rosenblatt, A., Nifong, J., Heithaus, M., Mazzotti, F., Cherkiss, M., Jeffery, B., . . . & Larson, J. (2015). Factors affecting individual foraging specialization and temporal diet stability across the range of a large "generalist" apex predator. *Oecologia*, 178(1), 5-16. doi:10.1007/s00442-014-3201-6
- Ross, C. W., Grunwald, S., Myers, D. B., & Xiong, X. (2016). Land use, land use change and soil carbon sequestration in the St. Johns River Basin, Florida, USA. *Geoderma Regional*. doi:10.1016/j.geodrs.2015.12.001
- Rossmassler, K., Dietrich, C., Thompson, C., Mikaelyan, A., Nonoh, J. O., Scheffrahn, R. H., . . . & Brune, A. (2015). Metagenomic analysis of the microbiota in the highly compartmented hindguts of six wood-or soil-feeding higher termites. *Microbiome*, 3(1), 1. doi:10.1186/s40168-015-0118-1
- Russo, A., Escobedo, F. J., Timilsina, M., & Zerbe, S. (2015). Transportation carbon dioxide emission offsets by public urban trees: A case study in Bolzano, Italy. *Urban Forestry and Urban Greening*, 14(2), 398-403. doi:10.1016/j.ufug.2015.04.002
- Saetta, D., Ishii, S. K. L., Pine, W. E., & Boyer, T. H. (2015). Case study and life cycle assessment of a coastal utility facing saltwater intrusion. *Journal American Water Works Association*, 107(10), e543-e558. doi:10.5942/jawwa.2015.107.0148
- Sales, M. V. S., Gama-Rodrigues, A. C., Comerford, N. B., Cropper, W. P., Gama-Rodrigues, E. F., & Oliveira, P. H. G. (2015). Respecification of structural equation models for the P cycle in tropical soils. *Nutrient Cycling in Agroecosystems*, 102(3), 347-358. doi:10.1007/s10705-015-9706-5
- Scheffers, B. R., & Paszkowski, C. A. (2015). Large body size for metamorphic wood frogs in urban stormwater wetlands. *Urban Ecosystems*, 1-13. doi:10.1007/s11252-015-0495-z

- Scheffrahn, R. H. (2015). Global elevational, latitudinal, and climatic limits for termites and the redescription of *Rugitermes laticollis* Snyder (Isoptera: Kalotermitidae) from the Andean Highlands. *Sociobiology*, 62(3), 426-438. doi:10.13102/sociobiology.v62i3.793
- Scheffrahn, R. H., & Krecek, J. (2015). Redescription and reclassification of the African termite, *Forficulitermes planifrons* (Isoptera, Termitidae, Termitinae). *Zootaxa*, 3946(4), 591-594. doi:10.11646/zootaxa.3946.4.9.
- Scheffrahn, R. H., Carrijo, T. F., Křeček, J., Su, N.-Y., Szalanski, A. L., Austin, J. W., . . . & Mangold, J. R. (2015). A single endemic and three exotic species of the termite genus *Coptotermes* (Isoptera, Rhinotermitidae) in the New World. *Arthropod Systematics & Phylogeny*, 73, 333-348.
- Shahriari-Nia, M., Wang, D. Z., Bohlman, S. A., Gader, P., Graves, S. J., & Petrovic, M. (2015). Impact of atmospheric correction and image filtering on hyperspectral classification of tree species using support vector machine. *Journal of Applied Remote Sensing* 9(1), 095990. doi:095910.091117/095991.JRS.095999.095990
- Sharma, S., Gray, D. K., Read, J. S., O'Reilly, C. M., Schneider, P., Qudrat, A., . . . & Woo, K. H. (2015). A global database of lake surface temperatures collected by in situ and satellite methods from 1985-2009. *Scientific Data*, 2, 150008-150008. doi:10.1038/sdata.2015.8
- Shirley, M. H., Villanova, V. L., Vliet, K. A., & Austin, J. D. (2015). Genetic barcoding facilitates captive and wild management of three cryptic African crocodile species complexes. *Animal Conservation*, 18(4), 322-330. doi:10.1111/acv.12176
- Shriver, T. E., Adams, A. E., & Longo, S. (2015). Environmental threats and political opportunities: Citizen activism in the North Bohemian Coal Basin. *Social Forces*, 94(2), 699-722. doi:10.1093/sf/sov072
- Shukla, A., Shukla, S., & Annable, M. D. (2015). Using nocturnal water level fluctuations for estimating seepage from stormwater detention systems. *Hydrological Processes*, 29(26), 5465-5476. doi:10.1002/hyp.10600
- Sidhu, H. S., Wilson, P. C., & O'Connor, G. A. (2015). Endocrine-disrupting compounds in reclaimed water and residential ponds and exposure potential for dislodgeable residues in turf irrigated with reclaimed water. *Archives of Environmental Contamination and Toxicology*, 69, 81-88. doi:0.1007/s00244-015-0147-6
- Sihi, D., Gerber, S., Inglett, P., & Inglett, K. (2015). Comparing models of microbial-substrate interactions and their response to warming. *Biogeosciences Discuss*, 12, 10857-10897. doi:10.5194/bgd-12-10857-2015
- Smith, B. J., Rochford, M. R., Brien, M., Cherkiss, M. S., Mazzotti, F., Snow, S., & Hart, K. M. (2015). Largest breeding aggregation of Burmese Pythons and implication for potential development of a control tool. *IRCF Reptiles & Amphibians*, 22(1), 16-19.
- Smith, G. D., Murillo-García, O. E., Hostetler, J. A., Mearns, R., C. Rollie, C., Newton, I., ... & Oli, M. K. (2015). Demography of population recovery: survival and fidelity of peregrine falcons at various stages of population recover. *Oecologia*, 178, 391-401. doi:10.1007/s00442-014-3168-3
- Smith, J. B., Nielsen, C. K., & Hellgren, E. C. (2015). Suitable habitat for recolonizing large carnivores in the midwestern United States. *Oryx*, CJ02015. doi:10.1017/S0030605314001227.
- Soares, C. P. B., Gezan, S. A., da Silva, G. F., & Castro, R. V. O. (2015). Individual-tree growth and mortality models for semideciduous Atlantic forest in Brazil. *Australian Journal of Basic and Applied Sciences*, 9(11), 542-552. <http://ajbasweb.com/old/ajbas/2015/May/542-552.pdf>

- Spanier, E., Lavalli, K. L., Goldstein, J. S., Groeneveld, J. C., Jordaan, G. L., Jones, C. M., . . . & Jeffs, A. (2015). A concise review of lobster utilization by worldwide human populations from pre-history to the modern era. *ICES Journal of Marine Science*, 72, i7-i21. doi:10.1093/icesjms/fsv066
- Staudhammer, C., Escobedo, F. J., Holt, N., Young, L., Brandeis, T., & Zipperer, W. (2015). Predictors, spatial distribution, and occurrence of woody invasive plants in subtropical urban ecosystems. *Journal of Environmental Management*, 155, 97-105. doi:10.1016/j.jenvman.2015.03.012
- Steininger, M. S., Hulcr, J., Šigut, M., & Lucky, A. (2015). Simple and efficient trap for bark and ambrosia beetles (Coleoptera: Curculionidae) to facilitate invasive species monitoring and citizen involvement. *Journal of Economic Entomology*, 108(3), 1115-1123. doi:10.1093/jee/tov014
- Steininger, M. S., Storer, C., Hulcr, J., & Lucky, A. (2015). Alternative preservatives of insect DNA for citizen science and other low-cost applications. *Invertebrate Systematics*, 29(5), 468-472. doi:10.1071/IS15003
- Stoppe, A. M., Comerford, N. B., Jokela, E. J., Mackowiak, C. L., & Higa, R. C. (2015). Effects of loblolly pine litter, forest floor, and root exclusion on mineral soil carbon in a Florida Spodosol. *Canadian Journal of Forest Research*, 46, 122-131. doi:10.1139/cjfr-2015-0097
- Storer, C. G., Breinholt, J. W., & Hulcr, J. (2015). *Wallacellus* is *Euwallacea*: molecular phylogenetics settles generic relationships (Coleoptera: Curculionidae: Scolytinae: Xyleborini). *Zootaxa*, 3974(3), 391-400. doi:10.11646/zootaxa
- Sun, H.-J., Li, H.-B., Xiang, P., Zhang, X., & Ma, L. Q. (2015). Short-term exposure of arsenite disrupted thyroid endocrine system and altered gene transcription in the HPT axis in zebrafish. *Environmental Pollution*, 205, 145-152. doi:10.1016/j.envpol.2015.05.037
- Supp, S. R., Koons, D. N., & Morgan Ernest, S. K. (2015). Using life history trade-offs to understand core-transient structuring of a small mammal community. *Ecosphere*, 6(10). doi:10.1890/ES15-00239.1
- Swamy, P. S., Hu, H., Pattathil, S., Maloney, V. J., Xiao, H., Xue, L. J., . . . & Tsai, C. J. (2015). Tubulin perturbation affects cell wall pectin networks, leaf expansion and stomatal behavior in *Populus*. *Journal of Experimental Botany*, 20, 6507-6518. doi:10.1093/jxb/erv383
- Tai, V., James, E. R., Nalepa, C. A., Scheffrahn, R. H., Perlman, S. J., & Keeling, P. J. (2015). The role of host phylogeny varies in shaping microbial diversity in the hindguts of lower termites. *Applied and Environmental Microbiology*, 81(3), 1059-1070. doi:10.1128/AEM.02945-14
- Tangjang, S., & Nair, P. K. R. (2015). Rice + fish farming in homesteads: Sustainable natural-resource management for subsistence in Arunachal Pradesh, India. *Journal of Environmental Science and Engineering A*, 4, 545-557. <http://www.davidpublisher.org/Public/uploads/Contribute/566f726a9e4e5.pdf>
- Tarazona, S., Furio-Tari, P., Turra, D., Di Pietro, A., Jose Nueda, M., Ferrer, A., & Conesa, A. (2015). Data quality aware analysis of differential expression in RNA-seq with NOISeq R/Bioc package. *Nucleic Acids Research*, 43(21). doi:10.1093/nar/gkv711
- Thiaville, P. C., & de Crécy-Lagard, V. (2015). The emerging role of complex modifications of tRNALysUUU in signaling pathways. *Microbial cell*, 2(1), 1-4. doi:10.15698/mic2015.01.185
- Thiaville, P. C., El Yacoubi, B., Köhrer, C., Thiaville, J. J., Deutsch, C., Iwata-Reuyl, D., . . . & Wetzel, C. (2015). Essentiality of threonylcarbamoyladenosine (t6A), a universal tRNA modification, in bacteria. *Molecular Microbiology*, 98(6), 1199-1221. doi:10.1111/mmi.13209

- Thiaville, P. C., Legendre, R., Rojas-Benítez, D., Baudin-Baillieu, A., Hatin, I., Chalancon, G., . . . & de Crécy-Lagard, V. (2015). Global translational impacts of the loss of the tRNA modification t6A in yeast. *Microbial cell*, 3(1), 29-45. doi:10.15698/mic2016.01.473
- Thom, M. D., Daniels, J. C., Kobziar, L. N., & Colburn, J. R. (2015). Can butterflies evade fire? Pupa location and heat tolerance in fire prone habitats of Florida. *PLoS ONE*, 10(5), e0126755. doi:10.1371/journal.pone.0126755
- Thomas, R. Q., Brookshire, E. N. J., & Gerber, S. (2015). Nitrogen limitation on land: How can it occur in Earth system models? *Global Change Biology*, 21(5), 1777-1793. doi:10.1111/gcb.12813
- Tisarum, R., Chen, Y., Dong, X., Lessl, J. T., & Ma, L. Q. (2015). Uptake of antimonite and antimonate by arsenic hyperaccumulator *Pteris vittata*: Effects of chemical analogs and transporter inhibitor. *Environmental Pollution*, 206, 49-55. doi:10.1016/j.envpol.2015.06.029
- Tisarum, R., Ren, J.-H., Dong, X., Chen, H., Lessl, J. T., & Ma, L. Q. (2015). A new method for antimony speciation in plant biomass and nutrient media using anion exchange cartridge. *Talanta*, 144, 1171-1175. doi:10.1016/j.talanta.2015.07.073
- Trippel, N. A., Allen, M. S., & McBride, R. S. (2015). Importance of resident and seasonally transient prey to Largemouth Bass in the St. Johns River, Florida. *Transactions of the American Fisheries Society*, 144, 140-149. doi:10.1080/00028487.2014.982177
- Truelove, N., Griffiths, S., Phil, M., Ley-Cooper, K., Azueta, J., Majil, I., . . . & Preziosi, R. F. (2015). Genetic evidence from the spiny lobster fishery supports international cooperation among Central American marine protected areas. *Conservation Genetics*, 16, 347-358. doi:10.1007/s10592-014-0662-4
- Tye, C. A., Greene, D. U., Giuliano, W. M., & McCleery, Robert A. (2015). Using camera-trap photographs to identify individual fox squirrels (*Sciurus niger*) in the southeastern United States. *Wildlife Society Bulletin*, 39(3), 645-650. doi:10.1002/wsb.573
- Valle, D., Lima, J. M., Millar, J., Amratia, P., & Haque, U. (2015). Bias in logistic regression due to imperfect diagnostic test results and practical correction approaches. *Malaria Journal*, 14(1), 434. doi:10.1186/s12936-015-0966-y
- van Bruggen, A. H., Sharma, K., Kaku, E., Karfopoulos, S., Zelenev, V. V., & Blok, W. J. (2015). Soil health indicators and *Fusarium* wilt suppression in organically and conventionally managed greenhouse soils. *Applied Soil Ecology*, 86, 192-201. doi:10.1016/j.apsoil.2014.10.014
- van de Kerk, M., Onorato, D. P., Criffield, M. A., Bolker, B. M., Augustine, B. C., McKinley, S. A., & Oli, M.K. (2015). Hidden semi-Markov models reveal multiphasic movement of the endangered Florida panther. *Journal of Animal Ecology*, 84(2), 576-585. doi:10.1111/1365-2656.12290
- Van Ekert, E., Shatters, R. G., Rouge, P., Powell, C. A., Smagghe, G., & Borovsky, D. (2015). Cloning and expressing a highly functional and substrate specific franesoic acid o-methyltransferase from the Asian citrus psyllid (*Diaphornia citri*). *FEBS Open Bio*, 5, 264-275. doi:10.1016/j.fob.2015.03.012
- Van Moorter, B., Rolandsen, C. M., Basille, M., & Gaillard, J. M. (2015). Movement is the glue connecting home ranges and habitat selection. *Journal of Animal Ecology*, 85, 21-31. doi:10.1111/1365-2656.12394
- Vander Zanded, H., Tucker, A., Hart, K., Lamont, M., Fujisaki, I., Addison, D., . . . & Bjorndal, K. (2015). Determining origin in a migratory marine vertebrate: a novel method to integrate stable isotopes and satellite tracking. *Ecological Applications*, 25, 320-335. doi:10.1890/14-0581.1

- VanZomerem, C. M., & Reddy, K. R. (2015). Use of a modified chemical fractionation scheme to characterize organic nitrogen in wetland soils. *Soil Science Society of America Journal*, 79(5), 1509-1517. doi:10.2136/sssaj2015.05.0178
- Vasudev, D., & Fletcher, R. J. (2015). Incorporating movement behavior into conservation prioritization in fragmented landscapes: An example of western hoolock gibbons in Garo Hills, India. *Biological Conservation*, 181, 124-132. doi:10.1016/j.biocon.2014.11.021
- Vasudev, D., Fletcher, R. J., Goswami, V. R., and Krishnadas, M. (2015). From dispersal constraints to landscape connectivity: Lessons from species distribution modeling. *Ecography*, 38(10), 967-978. doi:10.1111/ecog.01306
- Venero, J. A., Miles, R. D., & Chapman, F. A. (2015). Food transit time and site of absorption of nutrients in Gulf of Mexico sturgeon. *North American Journal of Aquaculture*, 77, 275-280. doi:10.1080/15222055.2015.1017129
- Vogel, J. G., He, D. M., Jokela, E. J., Hockaday, W., & Schuur, E. A. G. (2015). The effect of fertilization levels and genetic deployment on the isotopic signature, constituents, and chemistry of soil organic carbon in managed loblolly pine (*Pinus taeda* L.) forests. *Forest Ecology and Management*, 355, 91-100. doi:10.1016/j.foreco.2015.05.020
- Waddle, J. H., Brandt, L. A., Jeffery, B. M., & Mazzotti, F. J. (2015). Dry years decrease abundance of American Alligators in the Florida Everglades. *Wetlands*, 35(5), 865-875. doi:10.1007/s13157-015-0677-8
- Wang, J., Gu, B., Ewe, S. M., Wang, Y., & Li, Y. (2015). Stable isotope compositions of aquatic flora as indicators of wetland eutrophication. *Ecological Engineering*, 83, 13-18. doi:10.1016/j.ecoleng.2015.06.007
- Wang, Q., Li, Y., & Zhang, M. (2015). Soil recovery across a chronosequence of restored wetlands in the Florida Everglades. *Scientific Reports*, 5. doi:10.1038/srep17630.
- Wang, R., Aylin, R., Barwell, L., Chen, X. Y., Chen, Y., Chou, L. S., . . . & Compton, S. G. (2015). The fig wasp followers and colonists of a widely introduced fig tree, *Ficus microcarpa*. *Insect Conservation and Diversity*, 8(4), 322-336. doi:10.1111/icad.12111
- Wang, S. S., Gao, B., Li, Y. C., Wan, Y. S., & Creamer, A. E. (2015). Sorption of arsenate onto magnetic iron-manganese (Fe-Mn) biochar composites. *RSC Advances*, 5(83), 67971-67978. doi:10.1039/c5ra12137j
- Waters, S. M., Zeigler, D. R., & Nicholson, W. L. (2015). Experimental evolution of enhanced growth by *Bacillus subtilis* at low atmospheric pressure: genomic changes revealed by whole-genome sequencing. *Applied and Environmental Microbiology*, 81(21), 7525-7532. doi:10.1128/aem.01690-15
- Watling, J. I., Brandt, L. A., Bucklin, D. N., Fujisaki, I., Mazzotti, F. J., Romañach, S. S., & Speroterra, C. (2015). Performance metrics and variance partitioning reveal sources of uncertainty in species distribution models. *Ecological Modelling*, 309, 48-59. doi:10.1016/j.ecolmodel.2015.03.017
- Weidow, C. A., Bae, H.-S., Chauhan, A., & Ogram, A. (2015). Diversity and distribution of actinobacterial aromatic ring oxygenase genes across contrasting soil properties. *Microbial Ecology*, 69(3), 676-683. doi:10.1007/s00248-014-0501-7
- Westbrook, J. W., Chhatre, V. E., Wu, L.-S., Chamala, S., Neves, L. G., Munoz, P., . . . & Echt, C. S. (2015). A consensus genetic map for *Pinus taeda* and *Pinus elliottii* and extent of linkage disequilibrium in two genotype-phenotype discovery populations of *Pinus taeda*. *G3: Genes, Genetics, Genomes*, 5, 1685-1694. doi:10.1534/g3.115.019588

- Westbrook, J. W., Walker, A. R., Neves, L. G., Munoz, P., Resende, M. F. R., Jr., Neale, D. B., . . . & Peter, G. F. (2015). Discovering candidate genes that regulate resin canal number in *Pinus taeda* stems by integrating genetic analysis across environments, ages, and populations. *New Phytologist*, 205(2), 627-641. doi:10.1111/nph.13074
- Wilkinson, B., Mohamed, A., & Dewitt, B. (2015). Dual-antenna terrestrial laser scanner georeferencing using auxiliary photogrammetric observations. *Remote Sensing*, 7(9), 11621-11638. doi:10.3390/rs70911621
- Willcox, E. V., & Giuliano, W. M. (2015). Influence of roller chopping and prescribed burning on insects in pine flatwoods. *Journal of the Southeastern Association of Fish and Wildlife Agencies*, 2, 288-295. http://www.seafwa.org/html/journals/individual_article.php?id=121&year=2015
- Wilson, K. L., Allen, M. S., Ahrens, N., R., & Netherland, M. D. (2015). Nonlinear and density-dependent fish habitat selection across physiochemical gradients in an invasive macrophyte habitat. *Environmental Biology of Fishes*, 98, 1525-1539. doi:10.1007/s10641-015-0379-3
- Wilson, K. L., Matthias, B. G., Barbour, A. B., Ahrens, R. N. M., Tuten, T., & Allen, M. S. (2015). Combining samples from multiple gears helps to avoid fishy growth curves. *North American Journal of Fisheries Management*, 35(6), 1121-1131. doi:10.1080/02755947.2015.1079573
- Winans, K. S., Sahrawat, K. L., Wani, S. P., Mylavarapu, R. S., Reddy, K. R., & Hanlon, E. A. (2015). Effects of diversification of rainfed cropping systems to enhance sustained yields for semi-arid tropical agroecosystems: Effects of 11-years of farmers' practice. *Journal of the Indian Society of Soil Science*, 63(2), 166-172.
- Wisely, S. M., Ryder, O. A., Santymire, R. M., Engelhardt, J. F. & Novak, B. J. (2015). A road map for 21st century genetic restoration: Gene pool enrichment of the black-footed ferret. *Journal of Heredity*, 106(5), 581-592. doi:10.1093/jhered/esv041
- Wöhr, M., Greeff, J., Kanzaki, N., & Giblin-Davis, R. M. (2015). *Parasitodiplogaster salicifoliae* n. sp. (Nematoda: Diplogastridae) from *Ficus ingens* and *F. salicifolia* in South Africa. *Nematology*, 17(3), 301-311. doi:10.1163/15685411-00002868
- Wu, J., Lu, J., Lu, H., Lin, Y., & Wilson, P. C. (2015). Occurrence and ecological risks from fipronil in aquatic environments located within residential landscapes. *Science of the Total Environment*, 518, 139-147. doi:10.1016/j.scitotenv.2014.12.103
- Xiong, X., Grunwald, S., Myers, D. B., Kim, J., Harris, W. G., & Bliznyuk, N. (2015). Assessing uncertainty in soil organic carbon modeling across a highly heterogeneous landscape. *Geoderma*, 251, 105-116. doi:10.1016/j.geoderma.2015.03.028
- Xu, S., Silveira, M. L., Inglett, K. S., Sollenberger, L. E., & Gerber, S. (2015). Effect of land-use conversion on ecosystem C stock and distribution in subtropical grazing lands. *Plant and Soil*, 1-13. doi:10.1007/s11104-015-2690-3
- Yan, H., Wang, S. Q., Billesbach, D., Oechel, W., Bohrer, G., Meyers, T. P., . . . & Shugart, H. H. (2015). Improved global simulations of gross primary product based on a new definition of water stress factor and a separate treatment of C3 and C4 plants. *Ecological Modelling*, 297, 42-59. doi:10.1016/j.ecolmodel.2014.11.002
- Yang, H., Wang, Y., Guo, X., & Tiersch, T. R. (2015). Production of inbred larvae through self-fertilization using oocytes and cryopreserved sperm from the same individuals after sex reversal in eastern oyster *Crassostrea virginica*. *Aquaculture Research*, 46(9), 2153-2165. doi:10.1111/are.12371

- Yang, M., Annable, M. D., & Jawitz, J. W. (2015). Back diffusion from thin low permeability zones. *Environmental Science & Technology*, 49(1), 415-422. doi:10.1021/es5045634
- Yang, M., Jawitz, J. W., & Lee, M. (2015). Uranium and cesium accumulation in bean (*Phaseolus vulgaris* L. var. *vulgaris*) and its potential for uranium rhizofiltration. *Journal of Environmental Radioactivity*, 140, 42-49. doi:10.1016/j.jenvrad.2014.10.015
- You, L., Simmons, D. R., Bateman, C. C., Short, D. P. G., Kasson, M. T., Rabaglia, R., & Hulcr, J. (2015). New fungus-insect symbiosis: molecular, culturing, and histological methods determine saprophytic Polyporales mutualist of *Ambrosiodmus ambrosia* beetles. *PLoS ONE*, 10(9), e0137689. doi:10.1371/journal.pone.0137689
- Yuan, J., Cohen, M. J., Kaplan, D. A., Acharya, S., Larsen, L. G., & Nungesser, M. K. (2015). Linking metrics of landscape pattern to hydrological process in a lotic wetland. *Landscape Ecology*, 30, 1893-1912. doi:10.1007/s10980-015-0219-z
- Zapata-Rios, G., & Branch, L. C. (2016). Altered activity patterns and reduced abundance of native mammals in sites with feral dogs in the high Andes. *Biological Conservation*, 193, 9-16. doi:10.1016/j.biocon.2015.10.016
- Zhalnina, K., Dias, R., de Quadros, P. D., Davis-Richardson, A., Camargo, F. A. O., Clark, I. M., . . . & Triplett, E. W. (2015). Soil pH determines microbial diversity and composition in the park grass experiment. *Microbial Ecology*, 69(2), 395-406. doi:10.1007/s00248-014-0530-2
- Zhang, J., Peter, G. F., Powell, G. L., White, T. L., & Gezan, S. A. (2015). Comparison of breeding values estimated between single-tree and multiple-tree plots for a slash pine population. *Tree Genetics & Genomes*, 11, 48; doi 10.1007/s11295-11015-10870-11291
- Zhang, M., Lu, J., He, Y., & Wilson, P. C. (2016). Photocatalytic degradation of polybrominated diphenyl ethers in pure water system. *Frontiers of Environmental Science & Engineering*, 10(2), 229-235. doi:10.1007/s11783-014-0762-x
- Zheng, J. L., Guan, D. X., Luo, J., Zhang, H., Davison, W., Cui, X. Y., . . . & Ma, L. Q. (2015). Activated charcoal based diffusive gradients in thin films for in situ monitoring of bisphenols in waters. *Analytical Chemistry*, 87(1), 801-807. doi:10.1021/ac503814j
- Zurek, D. B., Cronin, T. W., Taylor, L. A., Byrne, K., Sullivan, M. L. G., & Morehouse, N. I. (2015). Spectral filtering enables trichromatic vision in colorful jumping spiders. *Current Biology*, 25(10), R403-R404. doi:10.1016/j.cub.2015.03.033

II. Plants and Their Systems

- Abe, D. G., Sellers, B. A., Ferrell, J. A., Leon, R. G., & Otero, D. C. (2016). Weed control in Florida pastures using Aminocyclopyrachlor. *Weed Technology*, 30(1), 271-278. doi:10.1614/WT-D-15-00052.1
- Abede, E., Mekete, T., Seid, A., Meressa, B. H., Wondafrash, M., Addis, T., ... & Abate, B. A. (2015). Research on plant-parasitic and entomopathogenic nematodes in Ethiopia: A review of current state and future direction. *Nematology*, 17(7), 741-759. doi:10.1163/15685411-00002919
- Aćimović, S. G., Harmon, C. L., Bec, S., Wyka, S., Broders, K., & Docola, J. J. (2015). First report of *Diplodia corticola* causing decline of red oak (*Quercus rubra*) trees in Maine. *Plant Disease*. doi:10.1094/PDIS-09-15-0994-PDN

- Adams, C. B., Erickson, J. E., & Singh, M. P. (2015). Investigation and synthesis of sweet sorghum crop responses to nitrogen and potassium fertilization. *Field Crops Research*, 178, 1-7. doi:10.1016/j.fcr.2015.03.014
- Adams, C. B., Erickson, J. E., Campbell, D. N., Singh, M. P., & Rebolledo, J. P. (2015). Effects of row spacing and population density on yield of sweet sorghum: Applications for harvesting as billets. *Agronomy Journal*, 107(5), 1831-1836. doi:10.2134/agronj14.0295
- Adkins, S., Baker, C. A., Badillo-Vargas, I. E., Frantz, G., Mellinger, H. C., Roe, N., & Funderburk, J. E. (2015). Necrotic streak disease of tomato in Florida caused by a new ilarvirus species related to Tulare apple mosaic virus. *New Disease Reports*, 31, 16. doi:10.5197/j.2044-0588.2015.031.016
- Adkins, S., Webster, C. G., Mellinger, H. C., Frantz, G., Turechek, W. W., McAvoy, E., . . . & Funderburk, J. E. (2015). Detection and characterization of tomato viruses: a case study of emerging tospoviruses in Florida. *Acta Horticulturae*, 1069. doi:10.17660/ActaHortic.2015.1069.11
- Ahmed, M. Z., He, R. R., Wu, M. T., Gu, Y. J., Ren, J. M., Liang, F., . . . & Ma, J. (2015). First report of the papaya mealybug, *Paracoccus marginatus* (Hemiptera: Pseudococcidae) in China and genetic record for its recent invasion in Asia and Africa. *Florida Entomologist*, 98(4), 1157-1162. doi:10.1653/024.098.0420
- Aina, O. O., Quesenberry, K. H., & Gallo, M. (2015). Culture vessel and auxin treatments affect in vitro rooting and ex vitro survival of six *Arachis paraguariensis* genotypes. *Scientia Horticulturae*, 183, 167-171. doi:10.1016/j.scienta.2014.12.006
- Albrigo, L. G., & Stover, E. W. (2015). Effect of plant growth regulators and fungicides on Huanglongbing-related preharvest fruit drop of citrus. *HortTechnology*, 25(6), 785-790. <http://horttech.ashspublications.org/content/25/6/785.abstract>
- Alderman, P. D., Boote, K. J., Jones, J. W., & Bhatia, V. S. (2015). Adapting the CSM-CROPGRO model for pigeonpea using sequential parameter estimation. *Field Crops Research*, 181, 1-15. doi:10.1016/j.fcr.2015.05.024
- Ali, M., Kim, B., Elfield, K. D. B., Norman, D., Brennan, M., & Ali, G. S. (2015). Inhibition of *Phytophthora parasitica* and *P. capsici* by silver nanoparticles synthesized using aqueous extract of *Artemisia absinthium*. *Phytopathology*, 105(9), 1183-1190. doi:10.1094/Phyto-01-15-0006-R
- Ali, S. S., Amoako-Attah, I., Bailey, R. A., Strem, M. D., Schmidt, M., Akrofi, A. Y., . . . & Bailey, B. A. (2015). PCR-based identification of cacao black pod causal agents and identification of biological factors possibly contributing to *Phytophthora megakarya*'s field dominance in West Africa. *Plant Pathology*. doi:10.1111/ppa.12496
- Andersen, P. C., & Brodbeck, B. V. (2015). Yield, tree size, and fruit quality of mature 'Owari' and 'Brown Select' Satsuma on *Poncirus trifoliata* 'Rubidoux' and 'Flying Dragon' rootstocks in north Florida. *HortScience*, 50(11), 1650-1653. <http://hortsci.ashspublications.org/content/50/11/1650.abstract>
- Andersen, P., Brodbeck, B., & Mizell III, R. (2015). Plant chemistry mediation of xylophagous leafhoppers and *Xylella fastidiosa* interactions. *Acta Horticulturae*, 1105, 137-148. doi:10.17660/ActaHortic.2015.1105.20
- Anderson, B. D., Knox, G. W., Blount, A. R., Matkowiak, C. L., & Gilman, E. F. (2015). Ornamental groundcover characteristics of *Rhizoma Peanut* (*Arachis glabrata* Benth.): shade affects height but not cover. *HortScience*, 50(7), 952-956. <http://hortsci.ashspublications.org/content/50/7/952.abstract>

- Apolinário, V. X. O., Dubeux, J. C. B., Lira, M. A., Ferreira, R. L. C., Mello, A. C. L., Santos, M. V. F., . . . & Muir, J. P. (2015). Tree legumes provide marketable wood and add nitrogen in warm-climate silvopasture systems. *Agronomy Journal*, 107(5), 1915-1921. doi:10.2134/agronj14.0624
- Aristizabal, L. F., Jimenez, M., Bustillo, A. E., Trujillo, H. I., & Arthurs, S. P. (2015). Monitoring coffee berry borer, *Hypothenemus hampei* (Coleoptera: Curculionidae) populations with alcohol-based funnel traps in coffee farms in Colombia. *Florida Entomologist*, 98(1), 381-383. doi:10.1653/024.098.0165
- Aristizabal, L. F., Ortiz, A. L., Quintero, J. C., Lopez-Nunez, J. C., & Arthurs, S. P. (2015). Effect of Colombian strains of *Steinernema colombiense* (Rhabditida: Steinernematidae) and *Heterorhabditis bacteriophora* (Rhabditida: Heterorhabditidae) against *Eurhizococcus colombianus* (Hemiptera: Margarodidae) and *Aeneolamia* sp. (Hemiptera: Cercopidae). *Florida Entomologist*, 98(3), 981-983. doi:10.1653/024.098.0330
- Ascunce, M. S., Huguet-Tapia, J. C., Braun, E. L., Ortiz-Urquiza, A., Keyhani, N. O., & Goss, E. M. (2015). Whole genome sequence of the emerging oomycete pathogen *Pythium insidiosum* strain CDC-B5653 isolated from an infected human in the USA. *Genomics Data*, 7, 60-61. doi:10.1016/j.gdata.2015.11.019
- Asseng, S., Ewert, F., Martre, P., Roetter, R. P., Lobell, D. B., Cammarano, D., . . . & Zhu, Y. (2015). Rising temperatures reduce global wheat production. *Nature Climate Change*, 5(2), 143-147. doi:10.1038/nclimate2470
- Asseng, S., Ewert, F., Martre, P., Rosenzweig, C., Jones, J. W., Hatfield, J. L., . . . & Wolf, J. (2015). Benchmark data set for wheat growth models field experiments and AgMIP multi-model simulations. *Open Data Journal for Agricultural Research*, 1, 1-5. doi:10.18174/odjar.v1i1.14746
- Asseng, S., McIntosh, P. C., Thomas, G., Ebert, E. E., & Khimashia, N. (2016). Is a 10-day rainfall forecast of value in dry-land wheat cropping? *Agricultural and Forest Meteorology*, 216, 170-176. doi:10.1016/j.agrformet.2015.10.012
- Atallah, O. O., Kang, S.-H., El-Mohtar, C. A., Shilts, T., Bergua, M., & Folimonova, S. Y. (2016). A 5'-proximal region of the Citrus tristeza virus genome encoding two leader proteases is involved in virus superinfection exclusion. *Virology*, 489, 108-115. doi:10.1016/j.virol.2015.12.008
- Ateyyat, M., Hoy, M. (2015). Selection for resistance to spiromisifen in the predatory mite *Metaseiulus occidentalis* (Acari: Phytoseiidae). *Advances in Environmental Biology*, 9(23), 388-392. <http://www.aensiweb.net/AENSIWEB/aeb/aeb/2015/October/388-392.pdf>
- Azevedo, C. F., Vilela de Resende, M. D., Fonseca e Silva, F., Soriano Viana, J. M., Ferreira Valente, M. S., Ribeiro Resende, M. F., Jr., & Munoz, P. (2015). Ridge, lasso and bayesian additive-dominance genomic models. *BMC Genetics*, 16. doi:10.1186/s12863-015-0264-2
- Babu, B., Kefialew, Y. W., Li, P. F., Yang, X. P., George, S., Newberry, E., . . . & Paret, M. L. (2015). Genetic characterization of *Didymella bryoniae* isolates infecting watermelon and other cucurbits in Florida and Georgia. *Plant Disease*, 99(11), 1488-1499. doi:10.1094/pdis-04-14-0341-re
- Badillo-Vargas, I. E., Roe, N., Funderburk, J. E., & Adkins, S. (2015). First report of tomato chlorotic spot virus in scarlet eggplant (*Solanum aethiopicum*) and American black nightshade (*Solanum americanum*) in the United States. *Plant Disease*, 99(10), 1450-1451. doi:10.1094/pdis-04-15-0385-pdn
- Bai, F., & Settles, A. (2015). Imprinting in plants as a mechanism to generate seed phenotypic diversity. *Frontiers in Plant Science*, 5. doi:10.3389/fpls.2014.00780

- Bak, A., & Folimonova, S. Y. (2015). The conundrum of a unique protein encoded by citrus tristeza virus that is dispensable for infection of most hosts yet shows characteristics of a viral movement protein. *Virology*, 485, 86-95. doi:10.1016/j.virol.2015.07.00
- Baligar, V. C., Sicher, R. C., Elson, M. K., He, Z., Fageria, N. K., De Souza, J. O., . . . & Ahnert, D. (2015). Iron sources effects on growth, physiological parameters and nutrition of cacao. *Journal of Plant Nutrition*, 38(11), 1787-1802. doi:10.1080/01904167.2015.1061546
- Balusu, R., Rhodes, E., Liburd, O., & Fadamiro, H. (2015). Management of yellowmargined leaf beetle *Microtheca ochroloma* (Coleoptera: Chrysomelidae) using turnip as a trap crop. *Journal of Economic Entomology*, 108(6), 2691-2701. doi:10.1093/jee/tov234
- Baniszewski, J., & Weeks, E. N. I., & Cuda, J. P. (2015). Impact of refrigeration on eggs of the hydrilla tip miner *Cricotopus lebetis*: larval hatch rate and subsequent development. *Journal of Aquatic Plant Management*, 53, 209-215.
- Barry, G. H., Gmitter, F. G., Jr., Chen, C., Roose, M. L., Federici, C. T., McCollum, G. T., & Chen, C. X. (2015). Investigating the parentage of 'Orri' and 'Fortune' Mandarin hybrids. *Acta Horticulture Proceedings*, 1065, 449-456. doi:10.17660/ActaHortic.2015.1065.55
- Baseggio, M., Newman, Y. C., Sollenberger, L. E., Fraise, C., & Obreza, T. (2015). Stolon planting rate effects on Tifton 85 bermudagrass establishment. *Agronomy Journal*, 107(4), 1287-1294. doi:10.2134/agronj14.0188
- Baseggio, M., Newman, Y., Sollenberger, L. E., Fraise, C., & Obreza, T. (2015). Planting rate and depth effects on Tifton 85 bermudagrass establishment using rhizomes. *Crop Science*, 55(3), 1338-1345. doi:10.2135/cropsci2014.09.0605
- Basille, M., Fortin, D., Dussault, C., Bastille-Rousseau, G., Ouellet, J. P., & Courtois, R. (2015). Plastic response of fearful prey to the spatio-temporal dynamics of predator distribution. *Ecology*, 96, 2622-2631. doi:10.1890/14-1706.1
- Basset, G. (2015). A systems biology approach to detect the hidden reactions of terpenoid quinone metabolism. *FASEB Journal*, 29. http://www.fasebj.org/content/29/1_Supplement/103.3
- Bassil, N. V., Davis, T. M., Zhang, H., Ficklin, S., Mittmann, M., Webster, T., . . . & van de Weg, W. E. (2015). Development and preliminary evaluation of a 90 K Axiom(R) SNP array for the allo-octoploid cultivated strawberry *Fragaria x ananassa*. *BMC Genomics*, 16, 155. doi:10.1186/s12864-015-1310-1
- Berger, S. T., Ferrell, J. A., Dittmar, P. J., & Leon, R. (2015). Survey of glyphosate- and imazapic-resistant Palmer Amaranth (*Amaranthus palmeri*) in Florida. *Crop, Forage & Turfgrass Management*, 1(1). doi:10.2134/cftm2015.0122
- Berger, S. T., Ferrell, J. A., Rowland, D. L., & Webster, T. M. (2015). Palmer Amaranth (*Amaranthus palmeri*) competition for water in cotton. *Weed Science*, 63(4), 928-935. doi:10.1614/ws-d-15-00062.1
- Berger, S. T., Netherland, M. D., & MacDonald, G. E. (2015). Laboratory documentation of multiple-herbicide tolerance to fluridone, norflurazon, and topamazone in a hybrid Watermilfoil (*Myriophyllum spicatum* x *M. sibiricum*) population. *Weed Science*, 63(1), 235-241. doi:10.1614/ws-d-14-00085.1
- Berry, A. D., Sargent, S. A., Canto Pereira, M. E., & Huber, D. J. (2015). Postharvest ripening and quality of guatemalan-west indian avocado hybrids under simulated commercial shipping temperatures following

treatment with aqueous 1-methylcyclopropene. *HortTechnology*, 25(1), 85-89.
<http://horttech.ashspublications.org/content/25/1/85.abstract>

Bhadha, J. H., Lang, T. A., Gomez, S., Daroub, S. H & Giurcanu, M. C. (2015). Effect of water lettuce and filamentous algae on phosphorus loads in farm canals in the Everglades Agricultural Area. *Journal of Aquatic Plant Management*, 53, 44-53. <http://apms.org/wp/wp-content/uploads/2015/02/japm-53-01-044-abstract.pdf>

Bhakta, M., Jones, V., & Vallejos, C. (2015). Punctuated distribution of recombination hotspots and demarcation of pericentromeric regions in *Phaseolus vulgaris* L. *PloS ONE*, 10(1).
doi:10.1371/journal.pone.0116822

Blaker, K. M., & Olmstead, J. W. (2015). Cell wall composition of the skin and flesh tissue of crisp and standard texture southern highbush blueberry genotypes. *Journal of Berry Research*, 5(1), 9-15. doi:10.3233/JBR-140085

Boehlein, S. K., Shaw, J. R., Stewart, J. D., Sullivan, B., & Hannah, L. C. (2015). Enhancing the heat stability and kinetic parameters of the maize endosperm ADP-glucose pyrophosphorylase using iterative saturation mutagenesis. *Archives of Biochemistry and Biophysics*, 568, 28-37. doi:10.1016/j.abb.2015.01.008

Boina, D. R., & Bloomquist, J.R. (2015). Chemical control of the Asian citrus psyllid and of huanglongbing disease in citrus. *Pest Management Science*, 71, 808-823. doi:10.1002/ps.3957

Boughton, A. J., Mendez, M. A., Francis, A. W., Smith, T. R., Osborne, L. S., & Mannion, C. M. (2015). Host stage suitability and impact of *Encarsia noyesi* (Hymenoptera: Aphelinidae) on the invasive rugose spiraling whitefly, *Aleurodicus rugioperculatus* (Hemiptera: Aleyrodidae), in Florida. *Biological Control*, 88, 61-67.
doi:10.1016/j.biocontrol.2015.04.016

Bouwknegt, M., Verhaelen, K., Rzezutka, A., Kozyra, I., Maunula, L., von Bonsdorff, C. H., . . . & de Roda Husman, A. M. (2015). Quantitative farm-to-fork risk assessment model for norovirus and hepatitis A virus in European leafy green vegetable and berry fruit supply chains. *International Journal of Food Microbiology*, 198, 50-58. doi:10.1016/j.ijfoodmicro.2014.12.013

Boyd, N. S. (2015). Evaluation of preemergence herbicides for purple nutsedge (*Cyperus rotundus*) control in tomato. *Weed Technology*, 29(3), 480-487. doi:10.1614/WT-D-14-00133.1

Boyd, N. S., & Dittmar, P. (2015). Impact of application time and clopyralid rate on strawberry growth and yield. *Weed Technology*, 29(4), 821-826. doi:10.1614/WT-D-15-00040.1

Branham, M. A. (2015). Beetles (Coleoptera) of Peru: A survey of the families. Lampyridae. *Journal of the Kansas Entomological Society*, 88(2), 248-250. doi:0.2317/kent-88-02-248-250.1

Brar, G. S., Capinera, J. L., Kendra, P. E., Smith, J. A., & Pena, J. E. (2015). Temperature-dependent development of *Xyleborus glabratus* (Coleoptera: Curculionidae: Scolytinae). *Florida Entomologist*, 98(3), 856-864.
doi:10.1653/024.098.0307

Brar, G. S., Meyer, W., & Stelinski, L. L. (2015). Effects of methoprene, a juvenile hormone analog, on survival of various developmental stages, adult emergence, reproduction and behavior of Asian citrus psyllid, *Diaphorina citri* Kuwayama. *Pest Management Science*, 71(12), 1657-1665. doi:10.1002/ps.3975

Braz, G. B. P., Oliveira Jr, R. S., Constantin, J., Takano, H. K., Chase, C. A., Fornazza, F. G. F., & Raimondi, R. T. (2015). Selection of herbicides targeting the use in crop systems cultivated with showy crotalaria. *Planta Daninha*, 33(3), 521-534. doi:10.1590/s0100-83582015000300014

- Brodbeck, B. V., Andersen, P. C., Zapata, M., & Bolanos, C. (2015). The effect of coffee production systems on potential vectors of *Xylella fastidiosa* in Puerto Rico. *Acta Horticulturae*, 1105, 347-352. doi:10.17660/ActaHortic.2015.1105.35
- Broschat, T. K. (2015). Fertilization of landscape palms to reduce nitrogen and phosphorus impacts on the environment. *HortScience*, 50(3), 469-473. <http://hortsci.ashspublications.org/content/50/3/469.abstract>
- Broschat, T. K. (2015b). Nitrogen and potassium requirements for field-grown areca and Mexican fan palms. *HortScience*, 50(10), 1567-1571. <http://hortsci.ashspublications.org/content/50/10/1567.abstract>
- Bultemeier, B. W., & Haller, W. T. (2015). Endothall, triclopyr and fluridone release profiles under static and aerated water conditions. *Journal of Aquatic Plant Management*, 53, 197-201.
- Burrell, M., Pepper, A. E., Hodnett, G., Goolsby, J. A., Overholt, W. A., Racelis, A. E., . . . & Klein, P. E. (2015). Exploring origins, invasion history and genetic diversity of *Imperata cylindrica* (L.) P. Beauv. (Cogongrass) in the United States using genotyping by sequencing. *Molecular Ecology*, 24(9), 2177-2193. doi:10.1111/mec.13167
- Bybee, S. M., & Hansen, Q., Busse, S., Cahill Wightman, H. M., & Branham, M. A. (2015). For consistency's sake: the precise use of larva, nymph and naiad within Insecta. *Systematic Entomology*, 40(4), 667-670. doi:10.1111/syen.12136
- Byrd, S. A., Rowland, D. L., Bennett, J., Zotarelli, L., Wright, D., Alva, A., & Nordgaard, J. (2015). The relationship between sap flow and commercial soil water sensor readings in irrigated Potato (*Solanum tuberosum* L.) production. *American Journal of Potato Research*, 92(5), 582-592. doi:10.1007/s12230-015-9471-7
- Caballero, R., Schuster, D. J., Smith, H. A., Mangandi, J., & Portillo, H. E. (2015). A system bioassay to determine susceptibility of the pepper weevil, *Anthonomus eugenii* Cano (Coleoptera: Curculionidae) to cyantraniliprole and thiamethoxam. *Crop Protection*, 72, 16-21. doi:10.1016/j.cropro.2014.11.002
- Cabellero, R., Schuster, D. J., Peres, N. A., Mangandi, J., Hasing, T., Trexler, T., ... & Annan, I. B. (2015). Effectiveness of Cyantraniliprole for managing *Bemisia tabaci* (Hemiptera: Aleyrodidae) and interfering with transmission of Tomato yellow leaf curl virus on tomato. *Journal of Economic Entomology*, 108(3), 894-900. <http://www.bioone.org/doi/full/10.1093/jee/tou034>
- Cai, X., Cao, Z., Xu, S., & Deng, Z. (2015). Induction, regeneration and characterization of tetraploids and variants in 'Tapestry' caladium. *Plant Cell Tissue and Organ Culture*, 120(2), 689-700. doi:10.1007/s11240-014-0636-8
- Camerino, E., Wong, D. M., Tong, F., Körber, F., Gross, A. D., Islam, R., . . . & Carlier, P. R. (2015). Difluoromethyl ketones: potent inhibitors of wild type and carbamate-insensitive G119S mutant *Anopheles gambiae* acetylcholinesterase. *Bioorganic & Medicinal Chemistry Letters*, 25, 4405-4411. doi:10.1016/j.bmcl.2015.09.019
- Cammarano, D., Zierden, D., Stefanova, L., Asseng, S., O'Brien, J. J., & Jones, J. W. (2016). Using historical climate observations to understand future climate change crop yield impacts in the Southeastern US. *Climatic Change*, 134(1), 311-326. doi:10.1007/s10584-015-1497-9
- Campbell, D. N., Na, C.-I., Rowland, D. L., Schnell, R. W., Ferrell, J. A., & Wilkie, A. C. (2015). Development of a regional specific crop coefficient (K-c) for castor (*Ricinus communis* L.) in Florida, USA by using the sap flow method. *Industrial Crops and Products*, 74, 465-471. doi:10.1016/j.indcrop.2015.04.006

- Campos-Herrera, R., El-Borai, F. E., & Duncan, L. W. (2015). Modifying soil to enhance biological control of belowground dwelling insects in citrus groves under organic agriculture in Florida. *Biological Control*, 84, 53-63. doi:10.1016/j.biocontrol.2015.02.002
- Canto Pereira, M. E., Sargent, S. A., & Huber, D. J. (2015). Delayed and prolonged ethylene treatment alleviates firmness asynchrony enhanced by 1-methylcyclopropene exposure in Guatemalan-West Indian avocado. *Postharvest Biology and Technology*, 108, 54-60. doi:10.1016/j.postharvbio.2015.05.009
- Capinera, J. L., & Rodrigues, C. G. (2015). Biology and control of the leatherleaf slug *Leidyula floridana* (Mollusca: Gastropoda: Veronicellidae). *Florida Entomologist*, 98, 243-253. doi:10.1653/024.098.0141
- Caro, M., Verlaan, M. G., Julian, O., Finkers, R., Wolters, A. M. A., Hutton, S. F., . . . & Bai, Y. (2015). Assessing the genetic variation of Ty-1 and Ty-3 alleles conferring resistance to tomato yellow leaf curl virus in a broad tomato germplasm. *Molecular Breeding*, 35, 132. doi:10.1007/s11032-015-0329-y
- Carrillo, D., Dunlap, C. A., Avery, P. B., Navarrete, J., Duncan, R. E., Jackson, M. A., . . . & Pena, J. E. (2015). Entomopathogenic fungi as biological control agents for the vector of the laurel wilt disease, the redbay ambrosia beetle, *Xyleborus glabratus* (Coleoptera: Curculionidae). *Biological Control*, 81, 44-50. doi:10.1016/j.biocontrol.2014.10.009
- Carrillo, D., Narvaez, T., Cosse, A. A., Stouthamer, R., & Cooperband, M. (2015). Attraction of *Euwallacea* nr. *forficatus* (Coleoptera: Curculionidae: Scolytinae) to lures containing quercivorol. *Florida Entomologist*, 98(2), 780-782. doi:10.1653/024.098.0258
- Castillo, M. S., Sollenberger, L. E., Mullenix, M. K., Blount, A. R., Williams, M. J., & Mackowiak, C. L. (2015). Grazing management affects establishment performance of rhizoma peanut strip planted into bahiagrass pasture. *Crop Science*, 55(5), 2384-2389. doi:10.2135/cropsci2015.02.0090
- Chandra, A., Genovesi, A. D., Wherley, B. G., Metz, S. P., Reinert, J. A., Wu, Y. Z., . . . & Munoz, P. (2015). Registration of 'DALSA 0605' St. Augustinegrass. *Journal of Plant Registrations*, 9(1), 27-34. doi:10.3198/jpr2014.05.0036crc
- Chattha, H. S., Zaman, Q. U., Chang, Y. K., Farooque, A. A., Schumann, A. W., & Brewster, G. R. (2015). Effect of lighting conditions and ground speed on performance of intelligent fertilizer spreader for spot-application in wild blueberry. *Precision Agriculture*, 16(6), 654-667. doi:10.1007/s11119-015-9400-2
- Chen, C., Gmitter, F. G., Cancalon, P., & Greenblatt, D. (2015) Integrated profiling of Furanocoumarins (FC) in grapefruit hybrids toward selection of low FC cultivars. *Acta Horticulturae*, 1065, 427-431. doi:10.17660/ActaHortic.2015.1065.52
- Chen, M. S., Jensen, S. P., Hill, M. R., Moore, G., He, Z. L., & Sumerlin, B. S. (2015). Synthesis of amphiphilic polysuccinimide star copolymers for responsive delivery in plants. *Chemical Communications*, 51(47), 9694-9697. doi:10.1039/c5cc02726h
- Chen, Y., Fu, J. W., Han, Y. H., Rathinasabapathi, B., & Ma, L. Q. (2015). High As exposure induced substantial arsenite efflux in As-hyperaccumulator *Pteris vittata*. *Chemosphere*, 144, 2189-2194. doi:10.1016/j.chemosphere.2015.11.001
- Chen, Y., Wang, B., Chen, J., Wang, X., Wang, R., Peng, S., . . . & Luo, J. (2015). Identification of Rubisco *rbcl* and *rbcS* in *Camellia oleifera* and their potential as molecular markers for selection of high tea oil cultivars. *Frontiers in Plant Science*, 6, 189. doi:10.3389/fpls.2015.00189

- Cherry, R. (2015). Insects and divine intervention. *American Entomologist*, 61(2), 81-84. doi:10.1093/ae/tmv001
- Cherry, R., Lu, H., & Roberts, P. (2015). Southern chinch bugs (Hemiptera: Blissidae) increase plant disease in St. Augustinegrass. *Journal of Entomological Science*, 50(1), 28-34. doi:10.18474/0749-8004-50.1.28
- Cherry, R., Tootoonchi, M., Bhadha, J., Lang, T., Karounos, M., & Daroub, S. (2015). Effect of flood depth on rice water weevil (Coleoptera: Curculionidae) populations in Florida rice fields. *Journal of Entomological Science*, 50(4), 311-317. doi:10.18474/JES15-05.1
- Childers, C. C., & Ueckermann, E. A. (2015). Non-phytoseiid Mesostigmata within citrus orchards in Florida: species distribution, relative and seasonal abundance within trees, associated vines and ground cover plants and additional collection records of mites in citrus orchards. *Experimental and Applied Acarology*, 65(3), 331-357. doi:10.1007/s10493-014-9872-1
- Cho, A. H., Chase, C. A., Treadwell, D. D., Koenig, R. L., Morris, J. B., & Morales-Payan, J. P. (2015). Apical dominance and planting density effects on weed suppression by sunn hemp (*Crotalaria juncea* L.). *HortScience*, 50(2), 263-267. <http://hortsci.ashspublications.org/content/50/2/263.abstract>
- Cho, A., Chase, C., & Treadwell, D. (2015). Apical dominance and planting density effects on weed suppression by sunn hemp (*Crotalaria juncea* L.). *HortScience*, 50(2), 263-267. <http://hortsci.ashspublications.org/content/50/2/263.abstract>
- Chong, J. C., Aristizabal, L. F., & Arthurs, S. P. (2015). Biology and management of *Maconellicoccus hirsutus* (Hemiptera: Pseudococcidae) on ornamental plants. *Journal of Integrated Pest Management*, 6(1), 5. doi:10.1093/jipm/pmv004
- Chow, V., Shantharaj, D., Guo, Y., Nong, G., Minsavage, G. V., Jones, J. B., & Preston, J. F. (2015). Xylan utilization regulon in *Xanthomonas citri* pv. *citri* strain 306: Gene expression and utilization of oligoxylosides. *Applied and Environmental Microbiology*, 81(6), 2163-2172. doi:10.1128/aem.03091-14
- Cicero, J. M., Stansly, P. A., & Brown, J. K. (2015). Functional anatomy of the oral region of the Potato psyllid (hemiptera: Psylloidea: Triozidae). *Annals of the Entomological Society of America*, 108(5), 743-761. doi:10.1093/aesa/sav059
- Clemmensen, S. F., & Hahn, D. A. (2015). Dormancy cues alter insect temperature-size relationships. *Oecologia*, 177, 113-121. doi:10.1007/s00442-014-3094-4
- Cline, K. (2015). Mechanistic aspects of folded protein transport by the twin arginine translocase (Tat). *Journal of Biological Chemistry*, 290(27), 16530-16538. doi:10.1074/jbc.R114.626820
- Cociancich, S., Pesic, A., Uhlmann, S., Petras, D., Kretz J., Schubert, V., . . . & Süssmuth, R. D. (2015). The gyrase inhibitor albicidin consists of para-aminobenzoic acids and cyanoalanine. *Nature Chemical Biology*, 11, 195-197. doi:10.1038/NCHEMBO.1734
- Collings, D. A., Collings, B. G., Julian, L., Kurenbach, B., & Varsani, A. (2015). Genome sequences of beak and feather disease virus in urban rainbow lorikeets (*Trichoglossus haematodus*). *Genome Announcements*, 3(2), e00283-00215. doi:10.1128/genomeA.00283-15
- Colquhoun, T. A., Schwieterman, M. L., Snyder, D. J., Stamps, J. J., Sims, C. A., Odabasi, A. Z., . . . & Bartoshuk, L. M. (2015). Laboratory demonstration of volatile-enhanced-sweetness. *Chemical Senses*, 40(7), 622-623.

- Conneaway, R., Verlinden, S., Koeser, A. K., Evans, M., Schnelle, R., Anderson, V., & Stewart, J. R. (2015). Use of Alternative Containers for Long- and Short-term Greenhouse Crop Production. *HortTechnology*, 25(1), 26-34. <http://horttech.ashspublications.org/content/25/1/26.abstract>
- Cowell, B., Johnson, D. T., Mizell, R., & Garcia, M. E. (2015). Monitoring insect and pest damage in pecan in Arkansas. *Acta Horticulturae*, 1070, 151-157. doi:10.17660/ActaHortic.2015.1070.17
- Cowles, K. N., Willis, D. K., Engel, T. N., Jones, J. B., & Barak, J. D. (2015). Diguanilate cyclases, AdrA and STM1987, regulate *Salmonella enterica* exopolysaccharide production during plant colonization in an environment-dependent manner. *Applied and Environmental Microbiology*. doi:10.1128/AEM.03475-15
- Coy, M. R., & Stelinski, L. L. (2015). Great variability in the infection rate of 'Candidatus Liberibacter asiaticus' in field populations of *Diaphorina citri* (Hemiptera: Liviidae) in Florida. *Florida Entomologist*, 98(1), 356-357. <http://journals.fcla.edu/flaent/article/view/84395/81504>
- da Silva K., Spencer, T. A., Gil, C. C., Siegfried, B. D., & Walters, F. S. (2015). Impact of *Spodoptera frugiperda* neonate pretreatment conditions on Vip3Aa19 insecticidal protein activity and laboratory bioassay variation. *Pest Management Science*. doi:10.1002/ps.4175
- da Silva, H. M. S., Dubeux, J. C. B., Silveira, M. L., de Freitas, E. V., dos Santos, M. V. F., & Lira, M. D. (2015). Stocking rate and nitrogen fertilization affect root decomposition of elephantgrass. *Agronomy Journal*, 107(4), 1331-1338. doi:10.2134/agronj14.0618
- Dara, S. K., Barringer, L., & Arthurs, S. P. (2015). *Lycorma delicatula* (Hemiptera: Fulgoridae): A new invasive pest in the United States. *Journal of Integrated Pest Management*, 6(1), 20. doi:10.1093/jipm/pmv021
- Darnell, R. L., Casamali, B., & Williamson, J. G. (2015). Nutrient assimilation in southern highbush blueberry and implications for the field. *HortTechnology*, 25(4), 460-463. <http://horttech.ashspublications.org/content/25/4/460.abstract>
- Dawson, W. O., Bar-Joseph, M., Garnsey, S. M., & Moreno, P. (2015). Citrus tristeza virus: Making an ally from an enemy. *Annual Review of Phytopathology*, 53, 137-155. doi:10.1146/annurev-phyto-080614-120012
- Dawson, W. O., Robertson, C. J., Albiach-Martí, M. R., Bar-Joseph, M., & Garnsey, S. M. (2015). Mapping sequences involved in induction of decline by Citrus tristeza virus T36 on the sour orange rootstock. *Journal of Citrus Pathology*, 2(1). <https://escholarship.org/uc/item/6hz37649>
- De Castro, A. I., Ehsani, R., Ploetz, R. C., Crane, J. H., & Buchanon, S. (2015). Detection of laurel wilt disease in avocado using low altitude aerial imaging. *PLoS ONE*, 10(4). doi:10.1371/journal.pone.0124642
- De Castro, A. I., Ehsani, R., Ploetz, R., Crane, J. H., & Abdulridha, J. (2015). Optimum spectral and geometric parameters for early detection of laurel wilt disease in avocado. *Remote Sensing of Environment*, 171, 33-44. doi:10.1016/j.rse.2015.09.011
- de la Fuente, L., Conesa, A., Lloret, A., Luisa Badenes, M., & Rios, G. (2015). Genome-wide changes in histone H3 lysine 27 trimethylation associated with bud dormancy release in peach. *Tree Genetics & Genomes*, 11(3). doi:10.1007/s11295-015-0869-7
- Demirozer, O., Tyler-Julian, K., & Funderburk, J. (2015). Seasonal abundance of thysanoptera species in *Tillandsia usneoides* (Poales: Bromeliaceae). *Florida Entomologist*, 98(4), 1179-1181. doi:10.1653/024.098.0424

- Deng, Z., Harbaugh, B. K., & Peres, N. A. (2015). UF 432' and 'UF 4015' - Two lance-leaved caladium cultivars. *HortScience*, 50(7), 1099-1103. <http://hortsci.ashspublications.org/content/50/7/1099.extract>
- Devkota, K. P., Hoogenboom, G., Boote, K. J., Singh, U., Lamers, J. P. A., Devkota, M., & Vlek, P. L. G. (2015). Simulating the impact of water saving irrigation and conservation agriculture practices for rice-wheat systems in the irrigated semi-arid drylands of Central Asia. *Agricultural and Forest Meteorology*, 214, 266-280. doi:10.1016/j.agrformet.2015.08.264
- Diaz, R., Dickey, A. M., Shatters Jr., R. G., Manrique, V., & Overholt, W. A. (2015). New species diversity revealed from molecular and morphological characterization of gall-inducing *Calophya* spp. (Hemiptera: Calophyidae) from Brazilian peppertree. *Florida Entomologist*, 98(2), 776-779. doi:10.1653/024.098.0257
- Diaz, R., Manrique, V., Munyaneza, J. E., Sengoda, V. G., Adkins, S., Hendricks, K., . . . & Overholt, W. A. (2015). Host specificity testing and examination for plant pathogens reveals that the gall-inducing psyllid *Calophya latiforceps* is safe to release for biological control of Brazilian peppertree. *Entomologia Experimentalis et Applicata*, 154(1), 1-14. doi:10.1111/eea.12249
- Diaz, R., S., Roda, A., Mannion, S., & Overholt, W. A. (2015). Diversity of arthropods associated with *Mikania* spp. and *Chromolaena odorata* (Asterales: Asteraceae: Eupatorieae) in Florida. *Florida Entomologist*, 98, 389-383. doi:10.1653/024.098.0168
- Dickey, A. M., Kumar, V., Hoddle, M. S., Funderburk, J. E., Morgan, J. K., Jara-Cavieres, A., . . . & McKenzie, C. L. (2015). The Scirtothrips dorsalis species complex: Endemism and invasion in a global pest. *PLoS ONE*, 10(4), 22. doi:10.1371/journal.pone.0123747
- Dickey, A. M., Kumar, V., Morgan, J. K., Jara-Cavieres, A., Shatters, R.G., McKenzie, C. L., & Osborne, L. S. (2015). A novel mitochondrial genome architecture in thrips (Insecta: Thysanoptera): extreme size asymmetry among chromosomes and possible recent control region duplication. *BMC Genomics*, 16(1), 439. doi:10.1186/s12864-015-1672-4
- Dickey, A. M., Stocks, I. C., Smith, T., Osborne, L., & McKenzie, C. L. (2015). DNA barcode development for three recent exotic whitefly (Hemiptera: Aleyrodidae) invaders in Florida. *Florida Entomologist*, 98(2), 473-478. doi:10.1653/024.098.0213
- Ding, Y., & Mou, Z. (2015). Elongator and its epigenetic role in plant development and responses to abiotic and biotic stresses. *Frontiers in Plant Science*, 6. doi:10.3389/fpls.2015.00296
- Ding, Y., Shaholli, D., & Mou, Z. (2014). A large-scale genetic screen for mutants with altered salicylic acid accumulation in arabidopsis. *Frontiers in Plant Science*, 5, 763-763. doi:10.3389/fpls.2014.00763
- Djidonou, D., Lopiano, K., Zhao, X., Simonne, E. H., Erickson, J. E., & Koch, K. E. (2015). Estimating nitrogen nutritional crop requirements of grafted tomatoes under field conditions. *Scientia Horticulturae*, 182, 18-26. doi:10.1016/j.scienta.2014.10.034
- Dourte, D., Bartel, R. L., George, S., Marois, J. J., & Wright, D. L. (2015). A sod-based cropping system for irrigation reductions. *Renewable Agriculture and Food Systems*. doi:10.1017/S1742170515000393
- Drost, D. R., Puranik, S., Novaes, E., Novaes, C. R., Dervinis, C., Gailing, O., & Kirst, M. (2015). Genetical genomics of *Populus* leaf shape variation. *BMC Plant Biology*, 15, 166. doi:10.1186/s12870-015-0557-7

- Du, D. L., Rawat, N., Deng, Z. N., & Gmitter, F. G., Jr. (2015). Construction of citrus gene coexpression networks from microarray data using random matrix theory. *Horticulture Research*, 2(15026). doi:10.1038/hortres.2015.26
- Du, X., Song, M., Baldwin, E., & Rouseff, R. (2015). Identification of sulphur volatiles and GC-olfactometry aroma profiling in two fresh tomato cultivars. *Food Chemistry*, 171, 306-314. doi:10.1016/j.foodchem.2014.09.013
- Dubeux, J. C. B., Jr., dos Santos, M. V. F., de Mello, A. C. L., Vieira da Cunha, M., de Ferreira, A., dos Santos, D. C., . . . & da Silva, M. C. (2015). Forage potential of cacti on drylands. *Acta Horticulturae*, 1067, 181-186. doi:10.17660/ActaHortic.2015.1067.24
- Dutt, M., Barthe, G. A., Orbovic, V., Irey, M., & Grosser, J. W. (2015). Evaluation of transgenic citrus for disease resistance to HLB and canker. *Acta Horticulturae*, 1065, 919-924. doi:10.17660/ActaHortic.2015.1065.114
- Dutt, M., Barthe, G., Irey, M., & Grosser, J. (2015). Transgenic citrus expressing an Arabidopsis NPR1 gene exhibit enhanced resistance against Huanglongbing (HLB; Citrus Greening). *PLoS ONE*, 10(9). doi:10.1371/journal.pone.0137134
- Edwards, L. E., Marble, S. C., Murphy, A. M., & Gilliam, C. H. (2015). Evaluation of indaziflam for greenhouse use. *Journal of Environmental Horticulture*, 33(4), 160-165.
- Elliott, J., Mueller, C., Deryng, D., Chrysanthacopoulos, J., Boote, K. J., Buechner, M., . . . & Sheffield, J. (2015). The global gridded crop model intercomparison: Data and modeling protocols for Phase 1 (v1.0). *Geoscientific Model Development*, 8(2), 261-277. doi:10.5194/gmd-8-261-2015
- Elliott, M. L. (2015). First report of fusarium wilt caused by *Fusarium oxysporum* f. sp. *canariensis* on *Phoenix reclinata* in Florida. *Plant Disease*, 99(6), 887-888. doi:10.1094/pdis-09-14-0897-pdn
- ElSayed, A. I., Komor, E., Boulila, M., Viswanathan, R., & Odera, D. C. (2015). Biology and management of sugarcane yellow leaf virus: An historical overview. *Archives of Virology*, 160(12), 2921-2934. doi:10.1007/s00705-015-2618-5
- El-Sayed, A. S., Abdel-Azeim, S., Ibrahim, H. M., Yassin, M. A., Abdel-Ghany, S. E., Esener, S., & Ali, G. S. (2015). Biochemical stability and molecular dynamic characterization of *Aspergillus fumigatus* cystathionine gamma-lyase in response to various reaction effectors. *Enzyme and Microbial Technology*, 81, 31-46. doi:10.1016/j.enzmictec.2015.08.004
- El-Sayed, A. S., Yassin, M. A., & Ali, G. S. (2015). Transcriptional and proteomic profiling of *Aspergillus flavipes* in response to sulfur starvation. *PLoS ONE*, 10(12), e0144304. doi:10.1371/journal.pone.0144304
- El-Sayed, A. S., Yassin, M. A., Khalaf, S. A., El-Batrik, M., Ali, G. S., & Esener, S. (2015). Biochemical and pharmacokinetic properties of PEGylated Cystathionine γ -Lyase from *Aspergillus carneus* KF723837. *Journal of Molecular Microbiology and Biotechnology*, 25(5), 301-310. doi:10.1159/000437331
- El-Zohri, M., Odjegba, V., Ma, L., & Rathinasabapathi, B. (2015). Sulfate influx transporters in *Arabidopsis thaliana* are not involved in arsenate uptake but critical for tissue nutrient status and arsenate tolerance. *Planta*, 241(5), 1109-1118. doi:10.1007/s00425-015-2241-4
- Enloe, S. F., Loewenstein, N. J., Streett, D., & Lauer, D. K. (2015). Herbicide treatment and application method influence root sprouting in Chinese tallowtree (*Triadica sebifera*). *Invasive Plant Science and Management*, 8(2), 160-168. doi:10.1614/ipsm-d-14-00062.1

- Enloe, S. F., Wehtje, G., Gilliam, C. H., & Adams, K. T. (2015). Creeping lilyturf (*Liriope spicata*) control with postemergent-applied herbicides. *Natural Areas Journal*, 35(4), 574-580. doi:10.3375/043.035.0409
- Esmaeili, M., Heydarnejad, J., Massumi, H., & Varsani, A. (2015). Analysis of watermelon chlorotic stunt virus and tomato leaf curl Palampur virus mixed and pseudo-recombination infections. *Virus Genes*, 51(3), 408-416. doi:10.1007/s11262-015-1250-5
- Estrada, J. A., & Flory, S. L. (2015). Cogongrass (*Imperata cylindrica*) invasions in the US: Mechanisms, impacts, and threats to biodiversity. *Global Ecology and Conservation*, 3, 1-10. doi:10.1016/j.gecco.2014.10.014
- Etxeberria, E., & Narciso, C. (2015). Anatomy of the citrus leaf petiole: healthy vs. Huanglongbing. *Acta Horticulturae*, 1065, 891-897. doi:10.17660/ActaHortic.2015.1065.110
- Fahsbender, E., Hewson, I., Rosario, K., Tuttle, A. D., Varsani, A., & Breitbart, M. (2015). Discovery of a novel circular DNA virus in the Forbes sea star, *Asterias forbesi*. *Archives of Virology*, 160(9), 2349-2351. doi:10.1007/s00705-015-2503-2
- Fan, Y., Ortiz-Urquiza, A., Garrett, T., Pei, Y., & Keyhani, N. O. (2015). Involvement of a caleosin in lipid storage, spore dispersal, and virulence in the entomopathogenic filamentous fungus, *Beauveria bassiana*. *Environmental Microbiology*, 17(11), 4600-4614. doi:10.1111/1462-2920.12990
- Fang, J., Gao, B., & Chen, J., & Zimmerman, A.R. (2015). Hydrochars derived from plant biomass under various conditions: Characterizations and potential applications and impacts. *Chemical Engineering Journal*, 267, 253-259. doi:10.1016/j.cej.2015.01.026
- Fatihi, A., Latimer, S., Schmollinger, S., Block, A., Dussault, P. H., Vermaas, W. F. J., . . . & Basset, G. J. (2015). A Dedicated Type II NADPH dehydrogenase performs the penultimate step in the biosynthesis of vitamin K-1 in *synechocystis* and *arabidopsis*. *Plant Cell*, 27(6), 1730-1741. doi:10.1105/tpc.15.00103
- Fedenko, J. R., Erickson, J. E., & Singh, M. P. (2015). Root lodging affects biomass yield and carbohydrate partitioning in sweet sorghum (*Sorghum bicolor*) grown for bioenergy. *Industrial crops and products*, 74, 933-938. doi:10.1016/j.indcrop.2015.06.018
- Ferl, R. J., Koh, J., Denison, F., & Paul, A. L. (2015). Spaceflight induces specific alterations in the proteomes of *Arabidopsis*. *Astrobiology*, 15(1), 32-56. doi:10.1089/ast.2014.1210
- Fernandez, J. V., Odero, D. C., & Wright, A. L. (2015). Effects of *Parthenium hysterophorus* L. residue on early sugarcane growth in organic and mineral soils. *Crop Protection*, 72, 31-35. doi:10.1016/j.cropro.2015.02.002
- Fernandez, J. V., Odero, D. C., MacDonald, G. E., Ferrell, J., & Gettys, L. A. (2015). Confirmation, characterization, and management of glyphosate-resistant ragweed *Parthenium* (*Parthenium hysterophorus* L.) in the Everglades agricultural area of south Florida. *Weed Technology*, 29(2), 233-242. doi:10.1614/wt-d-14-00113.1
- Fleming, J. C., Schmehl, D. R., & Ellis, J. D. (2015). Characterizing the impact of commercial pollen substitute diets on the level of *Nosema* spp. in honey bees (*Apis mellifera* L.). *PLoS ONE*, 10(7), e0132014. doi:10.1371/journal.pone.0132014.
- Flory, S. L., & D'Antonio, C. M. (2015). Taking the long view on the ecological effects of plant invasions. *American Journal of Botany*, 102(6), 817-818. doi:10.3732/ajb.1500105

- Flory, S. L., Clay, K., Emery, S. M., Robb, J. R., & Winters, B. (2015). Fire and non-native grass invasion interact to suppress tree regeneration in temperate deciduous forests. *Journal of Applied Ecology*, 52(4), 992-1000. doi:10.1111/1365-2664.12437
- Folta, K. M. (2015). Molecular-genetic extensions of Vavilov's predictions. *HortScience*, 50(6), 777-779. <http://hortsci.ashspublications.org/content/50/6/777.abstract>
- Folta, K. M., & Carvalho, S. D. (2015). Photoreceptors and control of horticultural plant traits. *HortScience*, 50(9), 1274-1280. <http://hortsci.ashspublications.org/content/50/9/1274.abstract>
- Fouad, W. M., Hao, W., Xiong, Y., Steeves, C., Sandhu, S. K., & Altpeter, F. (2015). Generation of transgenic energy cane plants with integration of minimal transgene expression cassette. *Current Pharmaceutical Biotechnology*, 16(5), 407-413. doi:10.2174/1389201016666150303151559
- Freyre, R., Uzdevenes, C., Gu, L., & Quesenberry, K. H. (2015). Genetics and anthocyanin analysis of flower color in Mexican petunia. *Journal of the American Society for Horticultural Science*, 140(1), 45-49. <http://journal.ashspublications.org/content/140/1/45.abstract>
- Freyre, R., Wilson, S. B., Knox, G. W., Uzdevenes, C., Gu, L., & Quesenberry, K. H. (2015). Breeding and genetic studies of *Ruellia simplex* (Mexican petunia). *Acta Horticulturae*, 1087, 113-120. doi:10.17660/ActaHortic.2015.1087.12
- Fry, W. E., Birch, P. R. J., Judelson, H. S., Grunwald, N. J., Danies, G., Everts, K. L., . . . & Smart, C. D. (2015). Five reasons to consider *Phytophthora infestans* a reemerging pathogen. *Phytopathology*, 105(7), 966-981. doi:10.1094/phyto-01-15-0005-fi
- Fu, Y., Patel, J. S., & Zhang, S. (2015). First report of anthracnose in common thyme (*Thymus vulgaris* L.) caused by *Colletotrichum destructivum* in Florida. *Plant Disease*, 99(8), 1184. doi:10.1094/PDIS-01-15-0032-PDN
- Fuentealba, M. P., Zhang, J., Kenworthy, K. E., Erickson, J. E., Kruse, J., & Trenholm, L. E. (2015). Root development and profile characteristics of bermudagrass and zoysiagrass. *HortScience*, 50(10), 1429-1434. <http://hortsci.ashspublications.org/content/50/10/1429.abstract>
- Fuentealba, M. P., Zhang, J., Kenworthy, K., Erickson, J., Kruse, J., & Trenholm, L. (2016). Transpiration responses of warm-season turfgrass in relation to progressive soil drying. *Scientia Horticulturae*, 198, 249-253. doi:10.1016/j.scienta.2015.11.042
- Funderburk, J., Frantz, G., Mellinger, C., Tyler-Julian, K., & Srivastava, M. (2015). Biotic resistance limits the invasiveness of the western flower thrips, *Frankliniella occidentalis* (Thysanoptera: Thripidae), in Florida. *Insect Science*. doi:10.1111/1744-7917.12250
- Geddes, R., Shanmugam, K. T., & Ingram, L. O. (2015). Combining treatments to improve the fermentation of sugarcane bagasse hydrolysates by ethanologenic *Escherichia coli* LY180. *Bioresource Technology*, 189, 15-22. doi:10.1016/j.biortech.2015.03.141
- Genna, N. G., Kane, M. E., & Pérez, H. E. (2015). Simultaneous assessment of germination and infection dose-responses in fungicide-treated seeds with non-and semiparametric statistical methods. *Seed Science and Technology*, 43(2), 168-186. doi:10.15258/sst.2015.43.2.13
- Gettys, L. A., Orozco Obando, W., & Reed, F. C. I. (2015). Effect of water depth and substrate composition on growth of the aquatic weed *Rotala rotundifolia* (Buch.-Ham. ex Roxb.) Koehne]. *Journal of Aquatic Plant Management*, 53, 220-224.

- Ghosh, D. K., Bhose, S., Motghare, M., Warghane, A., Mukherjee, K., Ghosh, D. K., Sr., . . . & Gowda, S. (2015). Genetic diversity of the Indian populations of 'Candidatus Liberibacter asiaticus' based on the tandem repeat variability in a genomic locus. *Phytopathology*, 105(8), 1043-1049. doi:10.1094/phyto-09-14-0253-r
- Ghosh, P., Rathinasabapathi, B., & Ma, L. Q. (2015). Phosphorus solubilization and plant growth enhancement by arsenic-resistant bacteria. *Chemosphere*, 134, 1-6. doi:10.1016/j.chemosphere.2015.03.048
- Ghosh, P., Rathinasabapathi, B., Teplitski, M., & Ma, L. Q. (2015). Bacterial ability in AsIII oxidation and AsV reduction: Relation to arsenic tolerance, P uptake, and siderophore production. *Chemosphere*, 138, 995-1000. doi:10.1016/j.chemosphere.2014.12.046
- Gilbert, J. L., Guthart, M. J., Gezan, S. A., de Carvalho, M. P., Schwieterman, M. L., Colquhoun, T. A., . . . & Olmstead, J. W. (2015). Identifying breeding priorities for blueberry flavor using biochemical, sensory, and genotype by environment analyses. *PLoS ONE*, 10(9), 21. doi:10.1371/journal.pone.0138494
- Gile, G. H., James, E. R., Okamoto, N., Carpenter, K. J., Scheffrahn, R. H., & Keeling, P. J. (2015). Molecular evidence for the polyphyly of *Macrotrichomonas* (Parabasalia: Cristamonadea) and a proposal for *Macrotrichomonoides* n. gen. *Journal of Eukaryotic Microbiology*, 62, 494-504. doi:0.1111/jeu.12204.
- Gill, H. K., Garg, H., Gill, A. K., Gillett-Kaufman, J. L., & Nault, B.A. (2015). Onion thrips (Thysanoptera: Thripidae) biology, ecology, and management in onion production systems. *Journal of Integrated Pest Management*, 6(1), 6. doi:10.1093/jipm/pmv006
- Gill, U. S., Lee, S., & Mysore, K. S. (2015). Host versus nonhost resistance: Distinct wars with similar arsenals. *Phytopathology*, 105(5), 580-587. doi:10.1094/PHYTO-11-14-0298-RVW
- Gillett-Kaufman, J. L., Allan, S. A., & Buss, L. J. (2015). *Manduca rustica* (Lepidoptera: Sphingidae) damage on olive (*Olea europaea*; Lamiales: Oleaceae) trees in Florida. *Florida Entomologist*, 98(4), 1260-1261. doi:10.1653/024.098.0443
- Gilman, E. F. (2015). Pruning *Acer rubrum* at planting impacts structure and growth after three growing seasons. *Arboriculture & Urban Forestry*, 41(1), 11-17.
- Gilman, E. F. (2015). Pruning severity and crown position influence aspect ratio change. *Arboriculture & Urban Forestry*, 41(2), 69-74.
- Gilman, E. F., Miesbauer, J. W., & Masters, F. J. (2015). Structural pruning effects on stem and trunk strain in wind. *Arboriculture & Urban Forestry*, 41(1).
- Gilman, E. F., Paz, M., & Harchick, C. (2015). Container and landscape planting depth and root ball shaving affects *Magnolia grandiflora* root architecture and landscape performance. *Arboriculture & Urban Forestry*, 41(5), 260-269.
- Gilman, E. F., Paz, M., & Harchick, C. (2015). Container wall porosity and root pruning influence on *Swietenia mahogany* root ball architecture and anchorage after planting. *Arboriculture & Urban Forestry*, 41(3), 155-167.
- Gilman, E. F., Paz, M., & Harchick, C. (2015). Nursery planting depth, mulch application, and root pruning at landscape planting affect tree health and anchorage. *Arboriculture & Urban Forestry*, 41(2), 75-87.
- Gilman, E. F., Paz, M., & Harchick, C. (2015). Retention time in three nursery container volumes impacts root architecture. *Arboriculture & Urban Forestry*, 41(3), 146-154.

- Glenn, B. D., Brecke, B. J., Unruh, J. B., Ferrell, J. A., Kenworthy, K. E., & MacDonald, G. E. (2015). Evaluation of alternative herbicides for southern crabgrass (*Digitaria ciliaris*) control in St. Augustinegrass. *Weed Technology*, 29(3), 536-543. doi:10.1614/wt-d-14-00094.1
- Gochez, A., Minsavage, G., Potnis, N., Canteros, B., Stall, R., & Jones, J. (2015). A functional XopAG homologue in *Xanthomonas fuscans* pv. *aurantifolii* strain C limits host range. *Plant Pathology*, 64(5), 1207-1214. doi:10.1111/ppa.12361
- Gökirmak, T., Denison, F. C., Laughner, B. J., Paul, A. L., & Ferl, R. J. (2015). Phosphomimetic mutation of a conserved serine residue in *Arabidopsis thaliana* 14-3-3 ω suggests a regulatory role of phosphorylation in dimerization and target interactions. *Plant Physiology and Biochemistry*, 97, 296-303. doi:10.1016/j.plaphy.2015.10.022
- Gomide, C. A. M., Chaves, C. S., Ribeiro, K. G., Sollenberger, L. E., Paciullo, D. S. C., Pereira, T. P., & Morenz, M. J. F. (2015). Structural traits of elephant grass (*Pennisetum purpureum* Schum.) genotypes under rotational stocking strategies. *African Journal of Range & Forage Science*, 32(1), 51-57. doi:10.2989/10220119.2014.930929
- Goss, E. M. (2015). Genome-Enabled Analysis of Plant Pathogen Migration. *Annual review of Phytopathology*, 53, 121-135. doi:10.1146/annurev-phyto-080614-115936
- Goulet, C., Kamiyoshihara, Y., Lam, N. B., Richard, T., Taylor, M. G., Tieman, D. M., & Klee, H. J. (2015). Divergence in the enzymatic activities of a tomato and *Solanum pennellii* alcohol acyltransferase impacts fruit volatile ester composition. *Molecular Plant*, 8(1), 153-162. doi:10.1016/j.molp.2014.11.007
- Graham, J. R., & Willcox, E., Ellis, J.D. (2015). The potential management of a ground-nesting, solitary bee: *Anthophora abrupta* (Hymenoptera: Apidae). *Florida Entomologist*, 98(2), 528-535. doi:10.1653/024.098.0220
- Graham, J., & Feichtenberger, E. (2015). Citrus phytophthora diseases: Management challenges and successes. *Journal of Citrus Pathology*, 2(1). <http://escholarship.org/uc/item/3db485rh>
- Grosser, J. W., Barthe, G. A., Castle, B., Gmitter, F. G., Jr., & Lee, O. (2015). The development of improved tetraploid citrus rootstocks to facilitate advanced production systems and sustainable citriculture in Florida. *Acta Horticulturae*. 1065, 319-327. doi:10.17660/ActaHortic.2015.1065.38
- Grupe, A., Baker, A., Uehling, J. K., Smith, M. E., Baroni, T. J., LODGE, D. J., & Henkel, T. W. (2015). Sarcodon in the Neotropics I: new species from Guyana, Puerto Rico and Belize. *Mycologia*, 14-185. doi:10.3852/14-185
- Gu, G., Rideout, S. L., Cevallos-Cevallos, J. M., & van Bruggen, A. H. C. (2015). The chance is low, but it can happen: *Salmonella* contamination on tomatoes. *Acta Horticulturae*, 1069, 329-332. doi:10.17660/ActaHortic.2015.1069.47
- Guan, J. C., & Koch, K. E. (2015). A time and a place for sugar in your ears. *Nature Biotechnology*, 33(8), 827-828. doi:10.1038/nbt.3315
- Guan, W., & Zhao, X. (2015). Effects of grafting methods and root excision on growth characteristics of grafted muskmelon plants. *HortTechnology*, 25(6), 706-713. <http://horttech.ashspublications.org/content/25/6/706.abstract>
- Guan, W., Zhao, X., & Huber, D. J. (2015). Grafting with an interspecific hybrid squash rootstock accelerated fruit development and impaired fruit quality of galia melon. *HortScience*, 50(12), 1833-1836. <http://hortsci.ashspublications.org/content/50/12/1833.abstract>

- Hamel, J. A., Nease, S. A., & Miller, C. W. (2015). Male mate choice and female receptivity lead to reproductive interference. *Behavioral Ecology and Sociobiology*, 69(6), 951-956. doi:10.1007/s00265-015-1907-z
- Han, Y. H., Fu, J. W., Chen, Y., Rathinasabapathi, B., & Ma, L. Q. (2015). Arsenic uptake, arsenite efflux and plant growth in hyperaccumulator *Pteris vittata*: Role of arsenic-resistant bacteria. *Chemosphere*, 144, 1937-1942. doi:10.1016/j.chemosphere.2015.10.096
- Hanson, A. D., Henry, C. S., Fiehn, O., & de Crecy-Lagard, V. (2015). Metabolite damage and metabolite damage control in plants. *Annual Review of Plant Biology*, 67, 22. doi:10.1146/annurev-arplant-043015-111648
- Harmon, P. F., Alcalá-Briseño, R., & Polston, J. (2015). Severe symptoms of mosaic and necrosis in cv. Floratam St. Augustinegrass associated with sugarcane mosaic virus in neighborhoods of St. Petersburg, FL. *Plant Disease*, 99(4), 557. doi:10.1094/PDIS-11-14-1140-PDN
- Harper, S. J., & Pearson, M. N. (2015). Citrus tristeza virus strains present in New Zealand and the South Pacific. *Journal of Citrus Pathology*, 2(1). <http://escholarship.org/uc/item/7tf0s6cn>
- Harper, S. J., Cowell, S. J., & Dawson, W. O. (2015a). Finding balance: Virus populations reach equilibrium during the infection process. *Virology*, 485, 205-212. doi:10.1016/j.virol.2015.07.017
- Harper, S. J., Cowell, S. J., & Dawson, W. O. (2015b). With a little help from my friends: Complementation as a survival strategy for viruses in a long-lived host system. *Virology*, 478, 123-128. doi:10.1016/j.virol.2014.12.041
- Harrison, N. A., & Elliott, M. L. (2015). Phytoplasmas associated with date palm in the continental USA: Three 16SrIV subgroups. *Emirates Journal of Food and Agriculture*, 27(12), 17-23. doi:10.9755/ejfa.2015-09-736
- Hasnain, G., Roje, S., Sa, N., Zallot, R., Ziemak, M. J., de Crecy-Lagard, V., . . . & Hanson, A. D. (2015). Bacterial and plant HAD enzymes catalyze a missing phosphatase step in thiamin diphosphate biosynthesis. *Biochemical Journal*. doi:10.1042/BJ20150805
- He, L., Asseng, S., Zhao, G., Wu, D., Yang, X., Zhuang, W., . . . & Yu, Q. (2015). Impacts of recent climate warming, cultivar changes, and crop management on winter wheat phenology across the Loess Plateau of China. *Agricultural and Forest Meteorology*, 200, 135-143. doi:10.1016/j.agrformet.2014.09.011
- He, S. Y., He, Z., Wu, Q., Wang, L., & Zhang, X. (2015). Effects of GA(3) on plant physiological properties, extraction, subcellular distribution and chemical forms of Pb in *Lolium perenne*. *International Journal of Phytoremediation*, 17(12), 1153-1159. doi:10.1080/15226514.2015.1045124
- He, S., Wu, Q., & He, Z. (2015). Growth-promoting Hormone DA-6 Assists phytoextraction and detoxification of Cd by ryegrass. *International Journal of Phytoremediation*, 17(6), 597-603. doi:10.1080/15226514.2014.950411
- He, Z., Zhang, S., Keyhani, N. O., Song, Y., Huang, S., Pei, Y., & Zhang, Y. (2015). A novel mitochondrial membrane protein, ohmm, limits fungal oxidative stress resistance and virulence in the insect fungal pathogen *Beauveria bassiana*. *Environmental Microbiology*, 17(11), 4213-4238. doi:10.1111/1462-2920.12713
- Healy, R., Tocci, G., Conde, A., & Smith, M. (2015). Fun with the discomycetes: Revisiting collections of Korf's anamorphic Pezizales and Thaxter's New England truffles leads to a connection between forms and the description of two new truffle species: *Pachyphlodes pfisteri* and *P. nemoralis*. *Ascomycete.org*, 7(6), 357-366.
- Hendricks, K., & Roberts, P. (2015). *Diddymella bryoniae* isolates from watermelon seedling in Florida transplant houses and their sensitivity to boscalid. *Plant Health Progress*. doi:10.1094/PHP-BR-14-0047

- Hendricks, K., & Roberts, P. (2015). First report of *pythium spinosum* as a pathogen of watermelon and in association with a dieback of watermelon in southwest Florida. *Plant Health Progress*. doi:10.1094/PHP-BR-14-0048
- Henkel, T. W., Obase, K., Husbands, D. R., Uehling, J. K., Bonito, G., Aime, M. C., & Smith, M. E. (2015). New Boletaceae taxa from Guyana: *Binderoboletus segoi* gen. et sp. nov., *Guyanaporus albipodus* gen. et sp. nov., *Singerocomus rubriflavus* gen. et sp. nov., and a new combination for *Xerocomus inundabilis*. *Mycologia*. doi:10.3852/15-075
- Hill, M. R., MacKrell, E. J., Forsthoefel, C. P., Jensen, S. P., Chen, M. S., Moore, G. A., . . . & Sumerlin, B. S. (2015). Biodegradable and pH-responsive nanoparticles designed for site-specific delivery in agriculture. *Biomacromolecules*, 16(4), 1276-1282. doi:10.1021/acs.biomac.5b00069
- Hu, Y., Wu, Q., Sprague, S. A., Park, J., Oh, M., Rajashekar, C., . . . & White, F. F. (2015). Tomato expressing *Arabidopsis* glutaredoxin gene *AtGRXS17* confers tolerance to chilling stress via modulating cold responsive components. *Horticulture Research*, 2, 15051. doi:10.1038/hortres.2015.51
- Huang, L. K., Yan, H. D., Zhao, X. X., Zhang, X. Q., Wang, J., Frazier, T., . . . & Liu, W. (2015). Identifying differentially expressed genes under heat stress and developing molecular markers in orchardgrass (*Dactylis glomerata* L.) through transcriptome analysis. *Molecular Ecology Resources*, 15(6), 1497-1509. doi:10.1111/1755-0998.12418
- Huang, S., He, Z., Zhang, S., Keyhani, N. O., Song, Y., Yang, Z., . . . & Zhang, Y. (2015). Interplay between calcineurin and the Slt2 MAP-kinase in mediating cell wall integrity, conidiation and virulence in the insect fungal pathogen *Beauveria bassiana*. *Fungal Genetics and Biology*, 83, 78-91. doi:10.1016/j.fgb.2015.08.009
- Hughes, M. A., Inch, S. A., Ploetz, R. C., Er, H. L., van Bruggen, A. H. C., & Smith, J. A. (2015). Responses of swamp bay, *Persea palustris*, and avocado, *Persea americana*, to various concentrations of the laurel wilt pathogen, *Raffaelea lauricola*. *Forest Pathology*, 45(2), 111-119. doi:10.1111/efp.12134
- Hutton, S. F., Ji, Y., & Scott, J. W. (2016). Fla. 8923: A tomato breeding line with begomovirus resistance gene Ty-3 in a 70kb *Solanum chilense* introgression. *HortScience*, 50(8), 1257-1259. <http://hortsci.ashspublications.org/content/50/8/1257.extract>
- Jackson, B., Varsani, A., Holyoake, C., Jakob-Hoff, R., Robertson, I., McInnes, K., . . . & Warren, K. (2015). Emerging infectious disease or evidence of endemicity? A multi-season study of beak and feather disease virus in wild red-crowned parakeets (*Cyanoramphus novaezelandiae*). *Archives of Virology*, 160(9), 2283-2292. doi:10.1007/s00705-015-2510-3
- Jain, M., Fleites, L. A., & Gabriel, D. W. (2015). Prophage-encoded peroxidase in *Candidatus Liberibacter asiaticus* is a secreted effector that suppresses plant defenses. *Molecular Plant-Microbe Interactions*, 28(12), 1330-1337. doi:10.1094/MPMI-07-15-0145-R
- Javaid, M. M., Bhan, M., Johnson, J.V., Rathinasabapathi, B., Chase, C.A. (2015). Biological and chemical characterizations of allelopathic potential of diverse accessions of the cover crop Sunn hemp, *Journal of the American Society for Horticultural Science*, 140(6), 532-541. <http://journal.ashspublications.org/content/140/6/532.abstract>
- Jeffryes, J. G., Colastani, R. L., Elbadawi-Sidhu, M., Kind, T., Niehaus, T. D., Broadbelt, L. J., . . . & Henry, C. S. (2015). MINEs: open access databases of computationally predicted enzyme promiscuity products for untargeted metabolomics. *Journal of Cheminformatics*, 7, 44. doi:10.1186/s13321-015-0087-1

- Jenson, L. J., & Bloomquist, J.R. (2015). Role of serum and ion channel block on growth and hormonally-induced differentiation of *Spodoptera frugiperda* (Sf21) Insect Cells. *Archives of Insect Physiology and Biochemistry*, 90(3), 131-139. doi:10.1002/arch.21249
- Jeyaprakash, A., Baker, C., Schubert, T., Badillo-Vargas, I., Roberts, P., Funderburk, J., & Adkins, S. (2015). First report of Squash vein yellowing virus in watermelon in Guatemala. *Plant Health Progress*, 16(3), 113-114. doi:10.1094/PHP-BR-15-0019
- Jia, H., Orbovic, V., Jones, J. B., & Wang, N. (2015). Modification of the PthA4 effector binding elements in Type I CsLOB1 promoter using Cas9/sgRNA to produce transgenic Duncan grapefruit alleviating XccΔpthA4: dCsLOB1. 3 infection. *Plant Biotechnology Journal*, 1-11. doi:10.1111/pbi.12495
- Jiang, L., Clavijo, J. A., Sun, L., Zhu, X., Bhakta, M. S., Gezan, S. A., . . . & Wu, R. (2015). Plastic expression of heterochrony quantitative trait loci (hQTLs) for leaf growth in the common bean (*Phaseolus vulgaris*). *New Phytologist*, 207(3), 872-882. doi:10.1111/nph.13386
- Jibrin, M. O., Timilsina, S., Potnis, N., Minsavage, G. V., Shenge, K. C., Akpa, A. D., . . . & Jones, J. B. (2015). First report of atypical *Xanthomonas euvesicatoria* strains causing bacterial spot of tomato in Nigeria. *Plant Disease*, 99(3), 415. doi:10.1094/PDIS-09-14-0952-PDN
- Johnson, T. S., Schwieterman, M. L., Kim, J. Y., Cho, K. H., Clark, D. G., & Colquhoun, T. A. (2015). Liliium floral fragrance: A biochemical and genetic resource for aroma and flavor. *Phytochemistry*. doi:10.1016/j.phytochem.2015.11.010
- Kadiyala, M. D. M., Jones, J. W., Mylavarapu, R. S., Li, Y. C., & Reddy, M. D. (2015). Identifying irrigation and nitrogen best management practices for aerobic rice-maize cropping system for semi-arid tropics using CERES-rice and maize models. *Agricultural Water Management*, 149, 23-32. doi:10.1016/j.agwat.2014.10.019
- Kadiyala, M., Jones, J. W., Mylavarapu, R., Li, Y., Reddy, M., & Umadevi, M. (2015). Study of spatial water requirements of rice under various crop establishment methods using GIS and crop models. *Journal of Agrometeorology*, 17(1), 1-10. <http://search.proquest.com/docview/1704127297?accountid=10920>
- Kadyampakeni, D. M., Morgan, K. T., & Schumann, A. W. (2015). Biomass, nutrient accumulation and tree size relationships for drip-and micosprinkler-irrigated orange trees. *Journal of Plant Nutrition*. doi:10.1080/01904167.2015.1009112
- Kadyampakeni, D. M., Morgan, K. T., Nkedi-Kizza, P., & Kasozi, G. N. (2015). Nutrient management options for Florida citrus: A review of NPK application and analytical methods. *Journal of Plant Nutrition*, 38(4), 568-583. doi:10.1080/01904167.2014.934470
- Kakkar, G., Kumar, V., Seal, D. R., Liburd, O. E., & Stansly, P. A. (2016). Predation by *Neoseiulus cucumeris* and *Amblyseius swirskii* on *Thrips palmi* and *Frankliniella schultzei* on cucumber. *Biological Control*, 92, 85-91. doi:10.1016/j.biocontrol.2015.10.004
- Kamoun, S., Furzer, O., Jones, J. D., Judelson, H. S., Ali, G. S., Dalio, R. J., . . . & Govers, F. (2015). The Top 10 oomycete pathogens in molecular plant pathology. *Molecular Plant Pathology*, 16(4), 413-434. doi:10.1111/mpp.12190
- Kang, S. H., Bak, A., Kim, O. K., & Folimonova, S. Y. (2015). Membrane association of a nonconserved viral protein confers virus ability to extend its host range. *Virology*, 482, 208-217. doi:10.1016/j.virol.2015.03.047

- Kanga, L. H., Eason, J., Haseeb, M., Qureshi, J., & Stansly, P. (2015). Monitoring for insecticide resistance in Asian citrus psyllid (hemiptera: Psyllidae) populations in Florida. *Journal of Economic Entomology*, 22, 1-5. doi:10.1093/jee/tov348
- Kannan, B., Davila-Olivas, N. H., Lomba, P., & Altpeter, F. (2015). In vitro chemical mutagenesis improves the turf quality of bahiagrass. *Plant Cell Tissue and Organ Culture*, 120(2), 551-561. doi:10.1007/s11240-014-0621-2
- Kanzaki, N., & Giblin-Davis, R. M. (2015). *Rhabditoides humicolus* n. sp. associated with arthropods from rotting palm tissue in Florida, USA. *Nematology*, 17(4), 487-498. doi:10.1163/15685411-00002883
- Kanzaki, N., Giblin-Davis, R. M., Gonzalez, R., Duncan, R., & Carrillo, D. (2015). Description of *Ruehmaphelenchus juliae* n. sp (Tylenchina: Aphelenchoididae) isolated from an ambrosia beetle, *Xylosandrus crassiusculus* (Motschulsky), from South Florida. *Nematology*, 17(6), 639-653. doi:10.1163/15685411-00002896
- Katti, A. R., Lee, W. S., Ehsani, R., & Yang, C. (2015). Band selection using forward feature selection algorithm for citrus Huanglongbing disease detection. *Journal of Biosystems Engineering*, 40(4), 417-427. doi:10.5307/JBE.2015.40.4.417
- Kaufman, P. E., & Wood, L. A. (2015). Discovery and successful development of *Cuterebra americana* (Diptera: Oestridae) from an atypical host, *Rattus rattus* (Rodentia: Muridae), in Florida, U.S.A. *Florida Entomologist*, 98(1), 349-351. doi:10.1653/024.098.0154
- Kelly, H. M., Wright, D. L., Dufault, N. S., & Marois, J. J. (2015). Decision models for fungicide applications for soybean rust. *Plant Health Progress*, 16, 80-83. doi:10.1094/PHP-RS-14-0050
- Kelly, H. Y., Dufault, N. S., Walker, D. R., Isard, S. A., Schneider, R. W., Giesler, L. J., . . . & Hartman, G. L. (2015). From select agent to an established pathogen: The response to *Phakopsora pachyrhizi* (Soybean Rust) in North America. *Phytopathology*, 105(7), 905-916. doi:10.1094/phyto-02-15-0054-fi
- Khan, F. S., Zaman, Q. U., Chang, Y. K., Farooque, A. A., Schumann, A. W., & Madani, A. (2015). Estimation of the rootzone depth above a gravel layer (in wild blueberry fields) using electromagnetic induction method. *Precision Agriculture*, 1-13. doi:10.1007/s11119-015-9413-x
- Kihupi, N. I., Tarimo, A. K., Masika, R. J., Boman, B. J., & Dick, W. A. (2015). Trend of growing season characteristics of semi-arid Arusha district in Tanzania. *Journal of Agricultural Science*, 7(9), 45-55. doi:10.5539/jas.v7n9p45
- Kindie, T., Gbegbelegbe, S., Cairns, J. E., Shiferaw, B., Prasanna, B. M., Sonder, K., . . . & Robertson, R. (2015). Maize systems under climate change in sub-Saharan Africa: potential impacts on production and food security. *International Journal of Climate Change Strategies and Management*, 7(3), 247-271. doi:10.1108/IJCCSM-01-2014-0005
- Kneal, R., & Smith, M. E. (2015). *Artomyces nothofagi* sp. nov., a clavarioid fungus from a Chilean *Nothofagus* forest. *Mycotaxon*, 130(3), 653-660. doi:10.5248/130.653
- Koeser, A. K., Hauer, R. J., Edgar, J., & Kleinhuizen, D. (2015). Impacts of wire basket retention and removal on planting time, root ball condition, and early growth of *Acer platanoides* and *Gleditsia triacanthos* var. *inermis*. *Arboriculture & Urban Forestry*, 41(1), 16-23.

- Koh, J., Chen, G., Yoo, M.-J., Zhu, N., Dufresne, D., Erickson, J. E., . . . & Chen, S. (2015). Comparative proteomic analysis of *Brassica napus* in response to drought stress. *Journal of Proteome Research*, 14(8), 3068-3081. doi:10.1021/pr501323d
- Kousik, C., Adkins, S., Webster, C., Turechek, W., Stansly, P., & Roberts, P. (2015). Influence of insecticides and reflective mulch on watermelon vine decline caused by squash vein yellowing virus (sqVYV). *Plant Health Progress*, 16(1), 43-48. doi:10.1094/PHP-RS-14-0040
- Kovaleski, A. P., Darnell, R. L., Casamali, B., & Williamson, J. G. (2015). Effects of timing and intensity of summer pruning on reproductive traits of two southern highbush blueberry cultivars. *HortScience*, 50(10), 1486-1491. <http://hortsci.ashspublications.org/content/50/10/1486.abstract>
- Kovaleski, A. P., Williamson, J. G., Casamali, B., & Darnell, R. L. (2015). Effects of timing and intensity of summer pruning on vegetative traits of two southern highbush blueberry cultivars. *HortScience*, 50(1), 68-73. <http://hortsci.ashspublications.org/content/50/1/68.abstract>
- Kovaleski, A. P., Williamson, J. G., Olmstead, J. W., & Darnell, R. L. (2015). Inflorescence bud initiation, development, and bloom in two southern highbush blueberry cultivars. *Journal of the American Society for Horticultural Science*, 140(1), 38-44. <http://journal.ashspublications.org/content/140/1/38.abstract>
- Kraberger, S., Argüello-Astorga, G. R., Greenfield, L. G., Galilee, C., Law, D., Martin, D. P., & Varsani, A. (2015). Characterisation of a diverse range of circular replication-associated protein encoding DNA viruses recovered from a sewage treatment oxidation pond. *Infection, Genetics and Evolution*, 31, 73-86. doi:10.1016/j.meegid.2015.01.001
- Kraberger, S., Farkas, K., Bernardo, P., Booker, C., Argüello-Astorga, G. R., Mesléard, F., . . . & Varsani, A. (2015). Identification of novel *Bromus* and *Trifolium* associated circular DNA viruses. *Archives of Virology*, 160(5), 1303-1311. doi:10.1007/s00705-015-2358-6
- Kraberger, S., Kumari, S. G., Hamed, A. A., Gronenborn, B., Thomas, J. E., Sharman, M., . . . Varsani, A. (2015). Molecular diversity of Chickpea chlorotic dwarf virus in Sudan: High rates of intra-species recombination—a driving force in the emergence of new strains. *Infection, Genetics and Evolution*, 29, 203-215. doi:10.1016/j.meegid.2014.11.024
- Kraberger, S., Mumtaz, H., Claverie, S., Martin, D. P., Briddon, R. W., & Varsani, A. (2015). Identification of an Australian-like dicot-infecting mastrevirus in Pakistan. *Archives of Virology*, 160(3), 825-830. doi:10.1007/s00705-014-2299-5
- Kramer, V., Shaw, J. R., Lynn, M., Sr., & Hannah, L. C. (2015). The sh2-R allele of the maize shrunken-2 locus was caused by a complex chromosomal rearrangement. *Theoretical and Applied Genetics*, 128(3), 445-452. doi:10.1007/s00122-014-2443-3
- Kumar, S., Molloy, C., Munoz, P., Daetwyler, H., Chagne, D., & Volz, R. (2015). Genome-enabled estimates of additive and nonadditive genetic variances and prediction of apple phenotypes across environments. *G3*, 5(12), 2711-2718. doi:10.1534/g3.115.021105
- Kumar, V., Xiao, Y. F., McKenzie, C. L., & Osborne, L. (2015). Early establishment of the phytoseiid mite *Amblyseius swirskii* (Acari: Phytoseiidae) on pepper seedlings in a Predator-in-First approach. *Experimental and Applied Acarology*, 65(4), 465-481. doi:10.007/s10493-015-9895-2

- Kumari, S., Najar, A., Timoumi, S., Male, M., Kraberger, S., & Varsani, A. (2015). First report of Chickpea chlorotic dwarf virus naturally infecting chickpea in Tunisia. *New Disease Reports*, 32, 16. doi:10.1016/j.meegid.2014.11.024
- Kunwar, S., Paret, M. L., Olson, S. M., Ritchie, L., Rich, J. R., Freeman, J., & McAvoy, T. (2015). Grafting using rootstocks with resistance to *Ralstonia solanacearum* against *meloidogyne incognita* in tomato production. *Plant Disease*, 99(1), 119-124. doi:10.1094/pdis-09-13-0936-re
- Kuzmanović, N., Puławska, J., Prokić, A., Ivanović, M., Zlatković, N., Jones, J. B., & Obradović, A. (2015). *Agrobacterium arsenijevicii* sp. nov., isolated from crown gall tumors on raspberry and cherry plum. *Systematic and Applied Microbiology*, 38(6), 373-378. doi:10.1016/j.syapm.2015.06.001
- Lahey, Z., & Stansly, P. (2015). An updated list of parasitoid Hymenoptera reared from the *Bemisia tabaci* species complex (Hemiptera: Aleyrodidae). *Florida Entomologist*, 98(2), 456-463. doi:10.1653/024.098.0211
- Lapointe, S. L., Keathley, C. P., Stelinski, L. L., Urrutia, W. H., & Mafra-Neto, A. (2015). Disruption of the leafminer *Phyllocnistis citrella* (Lepidoptera: Gracillariidae) in citrus: effect of blend and placement height, longevity of disruption and emission profile of a new dispenser. *Florida Entomologist*, 98(2), 742-748. <http://journals.fcla.edu/flaent/article/view/84909/81908>
- Larsen, N., Nuessly, G. S., & Cherry, R. H. (2015). Efficacy of pyrethroid and neonicotinoid insecticides for *Melanotus communis* (Gyll.) (Coleoptera: Elateridae) control in Florida sugarcane (*Saccharum* spp.). *Journal of Applied Entomology*. doi:10.1111/jen.12285.
- Lee, J. A., Halbert, S. E., Dawson, W. O., Robertson, C. J., Keesling, J. E., & Singer, B. H. (2015). Asymptomatic spread of huanglongbing and implications for disease control. *Proceedings of the National Academy of Sciences of the United States of America*, 112(24), 7605-7610. doi:10.1073/pnas.1508253112
- Lee, J. S., Hurr, B. M., Huber, D. J., Vallejos, C. E., & Sargent, S. A. (2015). Characterization of proteases and nucleases associated with ethylene-induced programmed cell death in immature cucumber fruit. *Postharvest Biology and Technology*, 110, 190-196. doi:10.1016/j.postharvbio.2015.08.009
- Leon, R. G., & Tillman, B. L. (2015). Postemergence herbicide tolerance variation in peanut germplasm. *Weed Science*, 63(2), 546-554. doi:10.1614/ws-d-14-00128.1
- Leon, R. G., Gilbert, R. A., & Comstock, J. C. (2015). Energycane (*Saccharum* spp. X *Saccharum spontaneum* L.) biomass production, reproduction, and weed risk assessment scoring in the humid tropics and subtropics. *Agronomy Journal*, 107(1), 323-329. doi:10.2134/agronj14.0388
- Leon, R. G., Izquierdo, J., & González-Andújar, J. (2015). Characterization and modeling of itchgrass (*Rottboellia cochinchinensis*) biphasic seedling emergence patterns in the tropics. *Weed Science*, 63(3), 623-630. doi:10.1614/WS-D-14-00172.1
- Leon, R. G., Wright, D. L., & Marois, J. J. (2015). Weed seed banks are more dynamic in a sod-based, than in a conventional, peanut-cotton rotation. *Weed Science*, 63(4), 877-887. doi:10.1614/ws-d-15-00003.1
- Lewis-Rosenblum, H., Martini, X., Tiwari, S., & Stelinski, L. L. (2015). Seasonal movement patterns and long-range dispersal of Asian citrus psyllid in Florida citrus. *Journal of Economic Entomology*, 108(1), 3-10. doi:10.1093/jee/tou008
- Li, C., Shen, Y., Meeley, R., McCarty, D. R., & Tan, B. C. (2015). Embryo defective 14 encodes a plastid-targeted cGTPase essential for embryogenesis in maize. *The Plant Journal*, 84(4), 785-799.

- Li, J., Trivedi, P., & Wang, N. (2015). Field evaluation of plant defense inducers for the control of citrus huanglongbing. *Phytopathology*, PHYTO-08-15-0196-R. doi:10.1094/PHYTO-08-15-0196-R
- Li, K., Li, G., Bradbury, L. M., Hanson, A. D., & Bruner, S. D. (2015). Crystal structure of the homocysteine methyltransferase MmuM from *Escherichia coli*. *Biochemical Journal*. doi:10.1042/BJ20150980
- Li, P. F., Ren, R. S., Yao, X. F., Xu, J. H., Babu, B., Paret, M. L., & Yang, X. P. (2015). Identification and characterization of the causal agent of gummy stem blight from muskmelon and watermelon in east China. *Journal of Phytopathology*, 163(4), 314-319. doi:10.1111/jph.12277
- Li, P., Wu, W., Chen, F., Lin, Y., Liu, X., & Chen, J. (2015). *Prunus salicina* 'Crown', a yellow-fruited Chinese plum. *HortScience*, 50(12), 1822-1824. <http://hortsci.ashspublications.org/content/50/12/1822.extract>
- Li, P., Zheng, X., Chowdhury, M. G. F., Cordasco, K., & Brecht, J. K. (2015). Pre-storage application of oxalic acid to alleviate chilling injury in mango fruit. *HortScience*, 50(12), 1795-1800. <http://hortsci.ashspublications.org/content/50/12/1795.abstract>
- Li, S., Jiang, X., Wang, X., & Wright, A. L. (2015). No-till effects on soil nitrification and the dynamic changes in nitrifying microorganisms in a subtropical rice-based ecosystem: A long-term field study. *Soil and Tillage Research*, 150, 132-138. doi:10.1016/j.still.2015.02.005
- Li, T., Hasegawa, T., Yin, X., Zhu, Y., Boote, K., Adam, M., . . . & Bouman, B. (2015). Uncertainties in predicting rice yield by current crop models under a wide range of climatic conditions. *Global Change Biology*, 21(3), 1328-1341. doi:10.1111/gcb.12758
- Li, X., Yang, Y. C., Gao, B., & Zhang, M. (2015). Stimulation of peanut seedling development and growth by zero-valent iron nanoparticles at low concentrations. *PLoS ONE*, 10(4), e0122884. doi:10.1371/journal.pone.0122884
- Li, Y. M., Elson, M., Zhang, D., He, Z., Sicher, R. C., & Baligar, V. C. (2015). Macro and micro nutrient uptake parameters and use efficiency in cacao genotypes as influenced by levels of soil applied K. *International Journal of Plant & Soil Science*, 7(2), 80-90. doi:10.9734/IJPSS/2015/17368
- Li, Y., Singhal, R., Taylor, I. W., McMinn, P. H., Chua, X. Y., Cline, K., & Fernandez, D. E. (2015). The Sec2 translocase of the chloroplast inner envelope contains a unique and dedicated SECE2 component. *Plant Journal*, 84(4), 647-658. doi:10.1111/tpj.13028
- Li, Y., Wang, X., Chen, J., Cai, N., Zeng, H., Qiao, Z., & Wang, X. (2015). A method for micropropagation of *Cornus Wilsoniana*, an important biofuel plant. *Industrial Crops and Products*, 76, 49-54. doi:10.1016/j.indcrop.2015.06.042
- Li, Z. T., Hopkins, D. L., & Gray, D. J. (2015). Overexpression of lytic peptides protects grapevine from Pierce's disease under greenhouse but not field conditions. *Transgenic Research*, 24(5), 821-836. doi:10.1007/s11248-015-9876-6
- Liang, X., Liberti, D., Li, M., Kim, Y. T., Hutchens, A., Wilson, R., & Rollins, J. A. (2015). Oxaloacetate acetylhydrolase gene mutants of *Sclerotinia sclerotiorum* do not accumulate oxalic acid, but do produce limited lesions on host plants. *Molecular Plant Pathology*, 16(6), 559-571. doi:10.1111/mpp.12211
- Liang, X., Moomaw, E. W., & Rollins, J. A. (2015). Fungal oxalate decarboxylase activity contributes to *Sclerotinia sclerotiorum* early infection by affecting both compound appressoria development and function. *Molecular Plant Pathology*, 16(8), 825-836. doi:10.1111/mpp.12239

- Liao, X., Liu, G., Hogue, B., & Li, Y. (2015). Phosphorus availability and environmental risks in potato fields in North Florida. *Soil Use and Management*, 31(2), 308-312. doi:10.1111/sum.12186
- Liao, X., Su, Z., Liu, G., Zotarelli, L., Cui, Y., & Snodgrass, C. (2015). Impact of soil moisture and temperature on potato production using seepage and center pivot irrigation. *Agricultural Water Management*. doi:10.1016/j.agwat.2015.10.023
- Lieberman, V. M., Zhao, I. Y., Schaffner, D. W., Danyluk, M. D., & Harris, L. J. (2015). Survival or growth of Inoculated *Escherichia coli* O157:H7 and salmonella on yellow onions (*Allium cepa*) under conditions simulating food service and consumer handling and storage. *Journal of Food Protection*, 78(1), 42-50. doi:10.4315/0362-028x.jfp-14-281
- Lin, Z., Wei, J., Zhang, M., Xu, S., Guo, Q., Wang, X., . . . & Powell, C. A. (2015). Identification and Characterization of a New Fungal Pathogen Causing Twisted Leaf Disease of Sugarcane in China. *Plant Disease*. *Plant Disease*, 99(3), 325-332. doi:10.1094/PDIS-06-14-0661-RE
- Liu, B., Coy, M., Wang, J. J., & Stelinski, L. L. (2015). The effect of host plant species on the detoxifying enzymes of the Asian citrus psyllid, *Diaphorina citri* (Hemiptera: Liviidae). *Florida Entomologist*, 98(3), 997-999. doi:10.1653/024.098.0336
- Liu, G. D., Morgan, K., Hogue, B., Li, Y. C., & Sui, D. (2015). Improving phosphorus use efficiency for snap bean production by optimizing application rate. *Horticultural Science*, 42(2), 94-101. doi:10.17221/229/2014-hortsci
- Liu, T.-X., Stansly, P. A., & Gerling, D. (2014). Whitefly parasitoids: Distribution, life history, bionomics, and utilization. *Annual Review of Entomology*, 60, 273-292. doi:10.1146/annurev-ento-010814-021101
- Llorens, E., Vicedo, B., Lopez, M. M., Lapena, L., Graham, J. H., & Garcia-Agustin, P. (2015). Induced resistance in sweet orange against *Xanthomonas citri* subsp *citri* by hexanoic acid. *Crop Protection*, 74, 77-84. doi:10.1016/j.cropro.2015.04.008
- Lorentz, K. A., & Minogue, P. J. (2015). Exotic eucalyptus plantations in the southeastern US: risk assessment, management and policy approaches. *Biological Invasions*, 17(6), 1581-1593. doi:10.1007/s10530-015-0844-0
- Lorentz, K. A., & Minogue, P. J. (2015b). Potential invasiveness for eucalyptus species in Florida. *Invasive Plant Science and Management*, 8(1), 90-97. doi:10.1614/ipsm-d-14-00030.1
- Lu, H. (2015). Comparison of the new southern chinch bug-resistant lines with commercial cultivars of St. Augustinegrass. *Journal of Crop Improvement*, 29(4), 465-473. doi:10.1080/15427528.2015.1052606
- Lu, H., Nagata, R., Kenworthy, K., Cherry, R., Quesenberry, K., & Busey, P. (2015). Registration of 'NUF-76' St. Augustinegrass. *Journal of Plant Registrations*, 9(3), 299-303. doi:10.3198/jpr2014.10.0073crc
- Lu, J., Wu, J., Stoffella, P. J., & Wilson, P. C. (2015). Uptake and distribution of bisphenol A and nonylphenol in vegetable crops irrigated with reclaimed water. *Journal of Hazardous Materials*, 283, 865-870. doi:10.1016/j.jhazmat.2014.10.018
- Luo, Z., Gu, G., Ginn, A., Giurcanu, M. C., Adams, P., Vellidis, G., . . . & Wright, A. C. (2015). Distribution and characterization of *Salmonella enterica* isolates from irrigation ponds in the southeastern United States. *Applied and Environmental Microbiology*, 81(13), 4376-4387. doi:10.1128/AEM.04086-14
- Luo, Z., Li, Y., Mousa, J., Bruner, S., Zhang, Y., Pei, Y., & Keyhani, N. O. (2015). *Bbmsn2* acts as a pH-dependent negative regulator of secondary metabolite production in the entomopathogenic fungus *Beauveria bassiana*. *Environmental Microbiology*, 17(4), 1189-1202. doi:10.1111/1462-2920.12542

- Lynch, B. T., Patrick, T. L., Moreno, J. J., Siebert, A. E., Klusman, K. M., Shodja, D. N., . . . & Lal, S. K. (2015). Differential pre-mRNA splicing alters the transcript diversity of helitrons between the maize inbred lines. *G3-Genes Genomes Genetics*, 5(8), 1703-1711. doi:10.1534/g3.115.018630
- Lyu, X., Yang, Y., Li, Y., Fan, X., Wan, Y., Geng, Y., & Zhang, M. (2015). Polymer-coated tablet urea improved rice yield and nitrogen use efficiency. *Agronomy Journal*, 107(5), 1837-1844. <https://dl.sciencesocieties.org/publications/aj/pdfs/107/5/1837>
- Maake, P. A., Ueckermann, E. A., & Childers, C. C. (2015). A new species of the genus *Eryngiopus* Summers (Acari: Stigmaeidae) from citrus in Florida, USA. *International Journal of Acarology*, 41(3), 210-213. doi:10.1080/01647954.2015.1022218
- Makowski, D., Asseng, S., Ewert, F., Bassu, S., Durand, J. L., Li, T., . . . & Zhu, Y. (2015). A statistical analysis of three ensembles of crop model responses to temperature and CO₂ concentration. *Agricultural and Forest Meteorology*, 214, 483-493. doi:10.1016/j.agrformet.2015.09.013
- Mangandi, J., Peres, N. A., & Whitaker, V. M. (2015). Identifying resistance to crown rot caused by *Collectotrichum gloeosporioides*. *Plant Disease*, 99(7), 954-961. doi:10.1094/PDIS-09-14-0907-RE
- Marble, S. C. (2015). Herbicide and mulch interactions: A review of the literature and implications for the landscape maintenance industry. *Weed Technology*, 29(3), 341-349. doi:10.1614/WT-D-14-00165.1
- Marble, S. C., Koeser, A. K., & Hasing, G. (2015). A review of weed control practices in landscape planting beds: Part 1 - Non-chemical methods. *HortScience*, 50(6), 851-856. <http://hortsci.ashspublications.org/content/50/6/851.short>
- Marble, S. C., Koeser, A. K., & Hasing, G. (2015). A review of weed control practices in landscape planting beds: Part 2 - Chemical methods. *HortScience*, 50(6), 857-862. <http://hortsci.ashspublications.org/content/50/6/857.short>
- Marble, S. C., Prior, S. A., Runion, G. B., & Torbert, H. A. (2015). Control of yellow and purple nutsedge in elevated CO₂ environments with glyphosate and halosulfuron. *Frontiers in Plant Science*, 6(1), 1. doi:10.3389/fpls.2015.00001.
- Martin, G. J., Lord, N. P., Branham, M. A., & Bybee, S. M. (2015). Review of the firefly visual system (Coleoptera: Lampyridae) and evolution of the genes underlying color vision (opsins). *Organisms, Diversity and Evolution*, 15(3), 513-526. doi:10.1007/s13127-015-0212-z
- Martini, X., Hoffmann, M., Coy, M. R., Stelinski, L. L., & Pelz-Stelinski, K. S. (2015). Infection of an insect vector with a bacterial plant pathogen increases its propensity for dispersal. *PLoS ONE*, 10(6). doi:10.1371/journal.pone.0129373
- Martini, X., Pelz-Stelinski, K. S., & Stelinski, L. L. (2015). Absence of windbreaks and replanting citrus in solid sets increase density of Asian citrus psyllid populations. *Agriculture, Ecosystems & Environment*, 212, 168-174. doi:10.1016/j.agee.2015.06.027
- Martins, C. D. S., Pedrosa, A. M., Du, D. L., Goncalves, L. P., Yu, Q., Gmitter, F. G., & Costa, M. G. C. (2015). Genome-wide characterization and expression analysis of major intrinsic proteins during abiotic and biotic stresses in sweet orange (*Citrus sinensis* L. Osb.). *PLoS ONE*, 10(9). doi:10.1371/journal.pone.0138786

- Martre, P., Wallach, D., Asseng, S., Ewert, F., Jones, J. W., Rotter, R. P., . . . & Wolf, J. (2015). Multimodel ensembles of wheat growth: many models are better than one. *Global Change Biology*, 21(2), 911-925. doi:10.1111/gcb.12768
- Marvasi, M., George, A. S., Giurcanu, M. C., Hochmuth, G. J., Noel, J. T., & Teplitski, M. (2015). Effect of the irrigation regime on the susceptibility of pepper and tomato to post-harvest proliferation of *Salmonella enterica*. *Food Microbiology*, 46, 139-144. doi:10.1016/j.fm.2014.07.014
- McCray, J. M., Ji, S., & Baucum, L. E. (2015). Sugarcane yield response to furrow-applied organic amendments on sand soils. *International Journal of Agronomy*, 2015, doi:10.1155/20150426387
- Medrano, E. G., Bell, A. A., Greene, J. K., Roberts, P. M., Bacheler, J. S., Marois, J. J., . . . & Duke, S. (2015). Relationship between piercing-sucking insect control and internal lint and seed rot in southeastern cotton (*Gossypium hirsutum* L.). *Journal of Economic Entomology*, 108(4), 1540-1544. doi:10.1093/jee/tov156
- Mensi, I., Daugrois, J. H., Pieretti, I., Gargani, D., Fleites, L. A., Noell, J., . . . & Rott, P. (2015). Surface polysaccharides and quorum-sensing are involved in attachment and survival of *Xanthomonas albilineans* on sugarcane leaves. *Molecular Plant Pathology*, 17(2), 236-246. doi:10.1111/mpp.12276
- Meressa, B., Prior, T., Mekete, T., & Hallmann, J. (2015). Descriptions of four new records of plant-parasitic nematode species from commercial cut-flowers in Ethiopia. *Nematoda*, 2. doi:10.4322/nematoda.01115
- Meyer, J. L., Dillard, B. A., Rodgers, J. M., Ritchie, K. B., Paul, V. J., & Teplitski, M. (2015). Draft genome sequence of *Halomonas meridiana* R1t3 isolated from the surface microbiota of the Caribbean Elkhorn coral *Acropora palmata*. *Standards in Genomic Sciences*, 10, 75. doi:10.1186/s40793-015-0069-y
- Meyer, W. L., Gurman, P., Stelinski, L. L., & Elman, N. M. (2015). Functional nano-dispensers (FNDs) for delivery of insecticides against phytopathogen vectors. *Green Chemistry*, 17(8), 4173-4177. doi:10.1039/c5gc00717h
- Million, J. B., & Yeager, T. H. (2015). Capture of sprinkler irrigation water by container-grown ornamental plants. *HortScience*, 50(3), 442-446. <http://hortsci.ashspublications.org/content/50/3/442.abstract>
- Million, J. B., & Yeager, T. H. (2015). CIRRIg: Weather-based irrigation management program for container nurseries. *HortTechnology*, 25(4), 528-535. <http://horttech.ashspublications.org/content/25/4/528.abstract>
- Minogue, P. J., & Osiecka, A. (2015). Selective herbicides for cultivation of *Eucalyptus urograndis* clones. *International Journal of Forestry Research*, 2015, 12. doi:10.1155/2015/341314
- Mondala, A., Hernandez, R., French, T., Green, M., McFarland, L., & Ingram, L. (2015). Enhanced microbial oil production by activated sludge microorganisms from sugarcane bagasse hydrolyzate. *Renewable Energy*, 78, 114-118. doi:10.1016/j.renene.2014.12.073
- Monzo, C., & Stansly, P. A. (2015). Thresholds for vector control and compatibility with beneficial fauna in citrus with high incidence of Huanglongbing. *Acta Horticulturae*, 1065, 1137-1143. doi:10.17660/ActaHortic.2015.1065.144
- Monzo, C., Arevalo, H. A., Jones, M. M., Vanaclocha, P., Croxton, S. D., Qureshi, J. A., & Stansly, P. A. (2015). Sampling methods for detection and monitoring of the Asian citrus psyllid (Hemiptera: Psyllidae). *Environmental Entomology*, 44(3), 780-788. doi:10.1093/ee/nvv032
- Morris, J. B., Chase, C., Treadwell, D., Koenig, R., Cho, A., Morales-Payan, J. P., . . . & Antonious, G. F. (2015). Effect of sunn hemp (*Crotalaria juncea* L.) cutting date and planting density on weed suppression in Georgia,

USA. *Journal of Environmental Science and Health Part B-Pesticides Food Contaminants and Agricultural Wastes*, 50(8), 614-621. doi:10.1080/03601234.2015.1028855

Mortensen, A. N., & Ellis, J. D. (2015). A scientific note on the prevalence of the cordovan phenotype in the African-derived honey bee population in the southeastern United States. *Apidologie*, 46(1), 46-48. doi:10.1007/s13592-014-0294-1

Mortensen, A. N., & Ellis, J. D. (2015). The frequency of African (*Apis mellifera scutellata* Lepeletier) matrilineal usurpation of managed European-derived honey bee (*A. mellifera* L.) colonies in the southeastern United States. *Insectes Sociaux*, 62, 151-155. doi:10.1007/s00040-014-03831.

Muir, J. P., Pitman, W. D., Foster, J. L., & Dubeux, J. C., Jr. (2015). Sustainable intensification of cultivated pastures using multiple herbivore species. *African Journal of Range & Forage Science*, 32(2), 97-112. doi:10.2989/10220119.2015.1045555

Mukherjee, A., Williams, D., Gitzendanner, M. A., Overholt, W. A., & Cuda, J. P. (2015). Microsatellite and chloroplast DNA diversity of the invasive aquatic weed *Hygrophila polysperma* in native and invasive ranges. *Aquatic Botany*, 129, 55-61. doi:10.1016/j.aquabot.2015.12.004

Munoz, R. P., Quesenberry, H. K., Blount, R. A., Ferrell, A. J., & Dubeux, C. J. (2015). A new red clover 2,4-d-resistant cultivar to improve broadleaf weed control and elucidate the molecular mechanism of resistance. *Proceedings of the 8th International Symposium on the Molecular Breeding of Forage and Turf*. doi:10.1007/978-3-319-08714-6_4.

Mussoline, W. A., & Wilkie, A. C. (2015). Anaerobic digestion potential of coproducts associated with ethanol production from sweetpotato: A review. *Industrial Biotechnology*, 11(2), 113-126.

Mutunga, J. M., Anderson, T. D., Craft, D. T., Gross, A. D., Swale, D. R., Tong, F., . . . & Bloomquist, J. R. (2015). Carbamate and pyrethroid resistance in the Akron strain of *Anopheles gambiae*. *Pesticide Biochemistry and Physiology*, 121, 116-121. doi:10.1016/j.pestbp.2015.03.001

Na, C.-I., Sollenberger, L. E., Erickson, J. E., Woodard, K. R., Castillo, M. S., Mullenix, M. K., . . . & Silveira, M. L. (2015). Management of perennial warm-season bioenergy grasses. II. Seasonal differences in elephantgrass and energycane morphological characteristics affect responses to harvest frequency and timing. *Bioenergy Research*, 8(2), 618-626. doi:10.1007/s12155-014-9542-5

Na, C.-I., Sollenberger, L. E., Erickson, J. E., Woodard, K. R., Vendramini, J. M. B., & Silveira, M. L. (2015). Management of perennial warm-season bioenergy grasses. I. Biomass harvested, nutrient removal, and persistence responses of elephantgrass and energycane to harvest frequency and timing. *Bioenergy Research*, 8(2), 581-589. doi:10.1007/s12155-014-9541-6

Naab, J. B., Boote, K. J., Jones, J. W., & Porter, C. H. (2015). Adapting and evaluating the CROPGRO-peanut model for response to phosphorus on a sandy-loam soil under semi-arid tropical conditions. *Field Crops Research*, 176, 71-86. doi:10.1016/j.fcr.2015.02.016

Narouei-Khandan, H. A., Halbert, S. E., Worner, S. P., & van Bruggen, A. H. (2015). Global climate suitability of citrus huanglongbing and its vector, the Asian citrus psyllid, using two correlative species distribution modeling approaches, with emphasis on the USA. *European Journal of Plant Pathology*, 144(3), 655-670. doi:10.1007/s10658-015-0804-7

Narvaez, M., Cordova-Lara, I., Reyes-Martinez, C., Puch-Hau, C., Mota-Narvaez, L., Colli, A., . . . & Oropeza, C. (2015). Occurrence of 16SrIV Subgroup A phytoplasmas in *Roystonea regia* and *Acrocomia mexicana* palms

with lethal yellowing-like syndromes in Yucatan, Mexico. *Journal of Phytopathology*, 1-5.
doi:10.1111/jph.12464

Ngatia, L. W., Turner, B. L., Njoka, J. T., Young, T. P., & Reddy, K. R. (2015). The effects of herbivory and nutrients on plant biomass and carbon storage in vertisols of an East African savanna. *Agriculture Ecosystems & Environment*, 208, 55-63. doi:10.1016/j.agee.2015.04.025

Nickerson, K., & Flory, S. L. (2015). Competitive and allelopathic effects of the invasive shrub *Schinus terebinthifolius* (Brazilian peppertree). *Biological Invasions*, 17(2), 555-564. doi:10.1007/s10530-014-0748-4

Niehaus, T. D., Gerdes, S., Hodge-Hanson, K., Zhukov, A., Cooper, A. J., ElBadawi-Sidhu, M., . . . & Hanson, A. D. (2015). Genomic and experimental evidence for multiple metabolic functions in the *RidA/YjgF/YER057c/UK114* (*Rid*) protein family. *BMC Genomics*, 16, 382. doi:10.1186/s12864-015-1584-3

Niehaus, T. D., Thamm, A. M. K., de Crecy-Lagard, V., & Hanson, A. D. (2015). Proteins of unknown biochemical function: A persistent problem and a roadmap to help overcome it. *Plant Physiology*, 169(3), 1436-1442. doi:10.1104/pp.15.00959

Nietsche, S., Vendrame, W. A., Crane, J. H., Pereira, M. C. T., Costa, A., & Reis, S. T. (2015). Variability in reproductive traits in *Jatropha curcas* L. accessions during early developmental stages under warm subtropical conditions. *Global Change Biology Bioenergy*, 7(1), 122-134. doi:10.1111/gcbb.12113

Niño, A. A., & Cave, R. D. (2015). Suitability of *Microtheca ochroloma* (Coleoptera: Chrysomelidae) for the development of the predator *Chrysoperla rufilabris* (Neuroptera: Chrysopidae). *Environmental Entomology*, 44(4), 1220-1229. doi:10.1093/ee/nvv084

Nunez, G. H., Olmstead, J. W., & Darnell, R. L. (2015). Rhizosphere acidification is not part of the strategy in iron deficiency response of *Vaccinium arboreum* and the southern highbush blueberry. *HortScience*, 50(7), 1064-1069. <http://hortsci.ashspublications.org/content/50/7/1064.abstract>

Odero, D. C., Cherry, R. H., Wright, A. L., Sandhu, H. S., & Luo, Y. (2015). Woody host plants of the sugarcane root weevil (Coleoptera: Curculionidae) in Florida sugarcane. *Journal of Entomological Science*, 50(1), 3-13. doi:10.18474/0749-8004-50.1.3

Odero, D. C., Fernandez, J., Sandhu, H. S., & Singh, M. P. (2015). Response of energy cane to reemergence and postemergence herbicides. *Weed Technology*, 29, 810-820. doi:10.1614/WT-D-15-00033.1

O'Donnell, K., Sink, S., Libeskind-Hadas, R., Hulcr, J., Kasson, M. T., Ploetz, R. C., . . . & Rooney, A. P. (2015). Discordant phylogenies suggest repeated host shifts in the *Fusarium-Euwallacea* ambrosia beetle mutualism. *Fungal Genetics and Biology*, 82, 277-290. doi:10.1016/j.fgb.2014.10.014

Oliveira, M. L. P. d., Moore, G., Thomson, J. G., & Stover, E. (2015). Agrobacterium-mediated transformation of Mexican lime (*Citrus aurantifolia* Swingle) using optimized systems for epicotyls and cotyledons. *Advances in Bioscience and Biotechnology*, 6(11), 657-668. doi:10.4236/abb.2015.611069

Ollitrault, P., Terol, J., Chen, C. X., Federici, C. T., Lotfy, S., Hippolyte, I., . . . & Brunel, D. (2015). Comparative genetic mapping between Clementine, pummelo and sweet orange and the interspecific structure of the Clementine genome. *Acta Horticulturae*, 1065, 561-573.
http://internationalsocietyofcitriculture.org/congressproceedings/spain2012/1065_71.pdf

- Olmstead, J. W., Itlei, R. A., Marino, S. R., Norden, D. E., & Collantei, W. R. (2015). Floral bud chill requirement of low-chill southern highbush blueberry germplasm. *Journal of the American Pomological Society*, 69(1), 4-10. http://www.pubhort.org/aps/69/v69_n1_a2.htm
- Olmstead, M. A., Gilbert, J. L., Colquhoun, T. A., Clark, D. G., Kluson, R., & Moskowitz, H. R. (2015). In pursuit of the perfect peach: Consumer-assisted selection of peach fruit traits. *HortScience*, 50(8), 1202-1212. <http://hortsci.ashspublications.org/content/50/8/1202.abstract>
- Onofre, R. B., Mertely, J. C., Aguiar, F. M., Timilsina, S., Harmon, P., Vallad, G. E., & Peres, N. A. (2015). First report of target spot by *Corynespora cassicola* on blueberry in Florida. *Plant Disease*. doi:10.1094/PDIS-03-15-0316-PDN
- Oppong, A., Offei, S. K., Ofori, K., Adu-Dapaah, H., Lamptey, J. N., Kurenbach, B., . . . & Varsani, A. (2015). Mapping the distribution of maize streak virus genotypes across the forest and transition zones of Ghana. *Archives of Virology*, 160(2), 483-492. doi:10.1007/s00705-014-2260-7
- Ordonez, N., Seidl, M. F., Waalwijk, C., Drenth, A., Kilian, A., Thomma, B. P. H. J., . . . & Kema, G. H. J. (2015). Worse comes to worst: bananas and Panama disease-when plant and pathogen clones meet. *PLoS Pathogens*, 11(11), e1005197-e1005197. doi:10.1371/journal.ppat.1005197
- Ortiz-Urquiza, A., & Keyhani, N. O. (2015). Stress response signaling and virulence: insights from entomopathogenic fungi. *Current Genetics*, 61(3), 239-249. doi:10.1007/s00294-014-0439-9
- Ortiz-Urquiza, A., Luo, Z., & Keyhani, N. O. (2015). Improving mycoinsecticides for insect biological control. *Applied Microbiology and Biotechnology*, 99(3), 1057-1068. doi:10.1007/s00253-014-6270-x
- Osiecka, A., & Minogue, P. J. (2015). Sequential sulfometuron methyl applications in *Eucalyptus benthamii* plantations. *Weed Technology*, 29(2), 243-254. doi:10.1614/wt-d-14-00106.1
- Osuna-Garcia, J. A., Brecht, J. K., Huber, D. J., & Nolasco-Gonzalez, Y. (2015). Aqueous 1-methylcyclopropene to delay ripening of 'kent' mango with or without quarantine hot water treatment. *HortTechnology*, 25(3), 349-357. <http://horttech.ashspublications.org/content/25/3/349.abstract>
- Overholt, W. A., Diaz, R., Roskopf, E., Green, S. J., & Overholt, W. A. (2015). Deep characterization of the microbiomes of *Calophya* spp. (Hemiptera: Calophyidae) gall inducing psyllids reveals the absence of plant pathogenic bacteria and three dominant endosymbionts. *PLoS ONE*, 10(7), e0132248. doi:10.1371/journal.pone.0132248
- Owens, D., Nuessly, G. S., & Gates, M. (2015). *Pachycrepoideus vindemmia* (Hymenoptera: Pteromalidae) as a potential natural enemy of maize-infesting Ulidiidae. *Florida Entomologist*, 98(1), 276-279. doi:10.1653/024.098.0145
- Ozores-Hampton, M., Di Gioia, F., Sato, S., Simonne, E., & Morgan, K. (2015). Effects of nitrogen rates on nitrogen, phosphorous, and potassium partitioning, accumulation, and use efficiency in seepage-irrigated fresh market tomatoes. *HortScience*, 50(11), 1636-1643. <http://hortsci.ashspublications.org/content/50/11/1636.abstract>
- Pagliai, F. A., Gonzalez, C. F., & Lorca, G. L. (2015). Identification of a ligand binding pocket in LdtR from *liberibacter asiaticus*. *Frontiers in Microbiology*, 6. doi:10.3389/fmicb.2015.01314
- Palmateer, A. J., Cating, R. A., & Lopez, P. (2015). First report of downy mildew on *Gynura aurantiaca* caused by *Plasmopara halstedii* sensu lato in Florida. *Plant Disease*, 99(9), 1279. doi:10.1094/PDIS-11-14-1166-PDN

- Paret, M. L., Ritchie, L., Olson, S. M., & Vallad, G. E. (2015). Target spot on tomatoes: fungicide resistance and effective fungicide programs in Florida in 2011-2012. *Acta Horticulturae*, 1069, 271-274. doi:10.17660/ActaHortic.2015.1069.38
- Paris, T. M., Croxton, S. D., Stansly, P. A., & Allan, S. A. (2015). Temporal response and attraction of *Diaphorina citri* to visual stimuli. *Entomologia Experimentalis et Applicata*, 155(2), 137-147. doi:10.1111/eea.12294
- Patel, J. S., Brennan, M. S., Khan, A., & Ali, G. S. (2015). Implementation of loop-mediated isothermal amplification methods in lateral flow devices for the detection of *Rhizoctonia solani*. *Canadian Journal of Plant Pathology*, 37(1), 118-129. doi:10.1080/07060661.2014.996610
- Patel, J. S., Costa de Novaes, M. I., & Zhang, S. (2015). Evaluation of a new compound oxathiapiprolin for control of downy mildew in basil. *Plant Health Progress*, 16(4), 8. doi:10.1094/PHP-RS-15-0026
- Patel, J. S., Vitoreli, A., Palmateer, A. J., El-Sayed, A., Norman, D., Goss, E., . . . & Ali, G. S. (2015). Characterization of *Phytophthora* spp. isolated from ornamental plants in Florida. *Plant Disease*. doi:10.1094/PDIS-05-15-0598-RE
- Paul, A. L., & Ferl, R. J. (2015). Spaceflight exploration in plant gravitational biology. *Methods Molecular Biology*, 1309, 285-305. doi:10.1007/978-1-4939-2697-8_20
- Pedrini, N., Ortiz-Urquiza, A., Huarte-Bonnet, C., Fan, Y., Juarez, P., & Keyhani, N. O. (2015). Tenebrionid secretions and a fungal benzoquinone oxidoreductase form competing components of an arms race between a host and pathogen. *Proceedings of the National Academy of Sciences of the United States of America*, 112(28), E3651-E3660. doi:10.1073/pnas.1504552112
- Peña, J. E., Santos, K., Baez, I., & Carrillo, D. (2015). Physical post-harvest techniques as potential quarantine treatments against *Brevipalpus yothersi* (Acarina: Tenuipalpidae). *Florida Entomologist*, 98(4), 1169-1174. doi:10.1653/024.098.0422
- Pena, J. E., Weihman, S. W., McLean, S., Cave, R. D., Carrillo, D., Duncan, R. E., . . . & Roda, A. L. (2015). Predators and parasitoids associated with Scolytinae in *Persea* species (Laurales: Lauraceae) and other Lauraceae in Florida and Taiwan. *Florida Entomologist*, 98(3). doi:10.1653/024.098.0314
- Peng, Z., Gallo, M., Tillman, B. L., Rowland, D., & Wang, J. (2015). Molecular marker development from transcript sequences and germplasm evaluation for cultivated peanut (*Arachis hypogaea* L.). *Molecular Genetics and Genomics*, 1-19. doi:10.1007/s00438-015-1115-6
- Pequeno, D. N. L., Pedreira, C. G. S., Sollenberger, L. E., de Faria, A. F. G., & Silva, L. S. (2015). Forage accumulation and nutritive value of brachiariagrasses and Tifton 85 bermudagrass as affected by harvest frequency and irrigation. *Agronomy Journal*, 107(5), 1741-1749. doi:10.2134/agronj15.0115
- Peralta, G., Frost, C. M., Didham, R. K., Varsani, A., & Tylianakis, J. M. (2015). Phylogenetic diversity and co-evolutionary signals among trophic levels change across a habitat edge. *Journal of Animal Ecology*, 84(2), 364-372. doi:10.1111/1365-2656.12296
- Pieretti, I., Bolot, S., Carrère, S., Barbe, V., Cociancich, S., Rott, . . . & Royer, M. (2015). Draft genome sequence of *Xanthomonas sacchari* LMG 476. *Genome Announcements*, 3(2), e00146-15. doi:10.1128/genomeA.00146-15

- Pieretti, I., Cociancich, S., Bolot, S., Carrère, S., Morisset, A., Rott, P., & Royer, M. (2015). Full genome sequence analysis of two isolates reveals a novel *Xanthomonas* species close to the sugarcane pathogen *Xanthomonas albilineans*. *Genes*, 6(3), 714-733. doi:10.3390/genes6030714
- Pillet, J., Yu, H. W., Chambers, A. H., Whitaker, V. M., & Folta, K. M. (2015). Identification of candidate flavonoid pathway genes using transcriptome correlation network analysis in ripe strawberry (*Fragaria x ananassa*) fruits. *Journal of Experimental Botany*, 66(15), 4455-4467. doi:10.1093/jxb/erv205
- Pisani, C., Ploetz, R., Stover, E., Ritenour, M., & Scully, B. Laurel wilt in avocado: Review of an emerging disease. *International Journal of Plant Biology and Research*, 3(3), 1043. <http://www.jsimedcentral.com/PlantBiology/plantbiology-spider-plant-stress-biology-1043.pdf>
- Ploetz, R. C. (2015). Fusarium wilt of banana. *Phytopathology*, 105(12), 1512-1521. doi:10.1094/PHYTO-04-15-0101-RVW
- Ploetz, R. C. (2015). Management of fusarium wilt of banana: A review with special reference to tropical race 4. *Crop Protection*, 73, 7-15. doi:10.1016/j.cropro.2015.01.007
- Ploetz, R. C., Kema, G. H. J., & Ma, L.-J. (2015). Impact of diseases on export and smallholder production of banana. *Annual Review of Phytopathology*, 53, 269-288. doi:10.1146/annurev-phyto-080614-120305
- Ploetz, R. C., Schaffer, B., Vargas, A. I., Konkol, J. L., Salvatierra, J., & Wideman, R. (2015). Impact of laurel wilt, caused by *Raffaelea lauricola*, on leaf gas exchange and xylem sap flow in avocado, *Persea Americana*. *Phytopathology*, 105(4), 433-440. doi:10.1094/phyto-07-14-0196-r
- Ploetz, R., Freeman, S., Konkol, J., Al-Abed, A., Naser, Z., Shalan, K., . . . & Israeli, Y. (2015). Tropical race 4 of Panama disease in the Middle East. *Phytoparasitica*, 43(3), 283-293. doi:10.1007/s12600-015-0470-5
- Polston, J. E., Rosario, K., & Bretibart, M. (2015). Molecular surveillance of plant viruses: identification of new and emerging viruses of tomato before they cause epidemics. *Acta Horticulturae*, 1069, 127-132. doi:10.17660/ActaHortic.2015.1069.18
- Potnis, N., Colee, J., Jones, J. B., & Barak, J. D. (2015). Plant Pathogen-Induced Water-Soaking Promotes *Salmonella enterica* Growth on Tomato Leaves. *Applied and Environmental Microbiology*, 81(23), 8126-8134. doi:10.1128/AEM.01926-15
- Potnis, N., Timilsina, S., Strayer, A., Shantharaj, D., Barak, J. D., Paret, M. L., . . . & Jones, J. B. (2015). Bacterial spot of tomato and pepper: Diverse *Xanthomonas* species with a wide variety of virulence factors posing a worldwide challenge. *Molecular Plant Pathology*, 16(9), 907-920. doi:10.1111/mpp.12244
- Prade, P., Diaz, R., Vitorino, M.D., Cuda, J. P., Kumar, P., Gruber, B., & Overholt, W.A. (2015). Galls induced by *Calophya latiforceps* Burckhardt (Hemiptera: Calophyidae) reduce leaf performance and growth of Brazilian peppertree. *Biocontrol Science and Technology*, 26(1), 23-34. doi:10.1080/09583157.2015.1072131
- Prasad, R., Hochmuth, G. J., & Boote, K. J. (2015). Estimation of nitrogen pools in irrigated potato production on sandy soil using the model SUBSTOR. *PLoS ONE*, 10(1), 20. doi:10.1371/journal.pone.0117891
- Presser, J. W., & Goss, E. M. (2015). Environmental sampling reveals that *Pythium insidiosum* is ubiquitous and genetically diverse in North Central Florida. *Medical Mycology*, 53, 674-683. doi:10.1093/mmy/myv054
- Qian, S., Ding, W., Li, Y., Liu, G., Sun, J., & Ding, Q. (2015). Characterization of humic acids derived from Leonardite using a solid-state NMR spectroscopy and effects of humic acids on growth and nutrient uptake of snap bean. *Chemical Speciation & Bioavailability*, 27(4), 156-161. doi:10.1080/09542299.2015.1118361

- Quesenberry, K. H., Crow, W.T., & Kenworthy, K.E. (2015). Effect of *Belonolaimus longicaudatus* on root parameters of St. Augustinegrass cultivars. *Nematropica*, 45, 96-101. <http://journals.fcla.edu/nematropica/article/view/85054/81983>
- Quesenberry, K., Acharya, A., & Wofford, D. (2015). Registration of 'Ocoee' root-knot nematode resistant white clover. *Journal of Plant Registrations*, 9(2), 149-153. doi:10.3198/jpr2014.08.0051crc
- Quesenberry, K., Blount, A., Munoz, P., Ferrell, J., & Dubeux, J. (2015). Registration of 'FL24D', a red clover selected for tolerance to 2,4-D Herbicide. *Journal of Plant Registrations*, 9(3), 288-293. doi:10.3198/jpr2014.11.0081crc
- Ragland, G. J., Almaskaar, K., Vertacnick, K. L., Gough, H. M., Feder, J. L., Hahn, D. A., & Schwarz, D. (2015). Differences in performance and transcriptome-wide gene expression associated with *Rhagoletis* (Diptera: Tephritidae) larvae feeding in alternative host fruit environments. *Molecular Ecology*, 24, 2759-2776. doi:10.1111/mec.13191
- Rahemi, A., Gradziel, T. M., Chaparro, J. X., Folta, K. M., Taghavi, T., Fatahi, R., . . . & Hassani, D. (2015). Phylogenetic relationships among the first and second introns of selected *Prunus* S-RNase genes. *Canadian Journal of Plant Science*, 95(6), 1145-1154. doi:10.4141/cjps-2015-102
- Rahman, N. A., Parks, D. H., Willner, D. L., Engelbrekton, A. L., Goffredi, S. K., Warnecke, F., . . . & Hugenholtz, P. (2015). A molecular survey of Australian and North American termite genera indicates that vertical inheritance is the primary force shaping termite gut microbiomes. *Microbiome*, 3(1), 5. doi:10.1186/s40168-015-0067-8
- Rana, N., Sellers, B. A., Ferrell, J. A., MacDonald, G. E., Silveira, M. L., & Vendramini, J. M. (2015). Integrated management techniques for long-term control of giant Smutgrass (*Sporobolus indicus* var. *pyramidalis*) in bahiagrass pasture in Florida. *Weed Technology*, 29(3), 570-577. doi:10.1614/wt-d-15-00021.1
- Rangasamy, M., McAuslane, H. J., Backus, E. A., & Cherry, R. H. (2015). Differential probing behavior of *Blissus insularis* (Hemiptera: Blissidae) on resistant and susceptible St. Augustinegrasses. *Journal of Economic Entomology*, 108(2), 780-788. doi:10.1093/jee/tou061
- Ratcliffe, B. C., Jameson, M. L., Figueroa, L., Cave, R. D., Paulsen, M. J., Cano, E. B., . . . & Reyes-Castillo, P. (2015). Beetles (Coleoptera) of Peru: A survey of families. Scarabaeoidea. *Journal of the Kansas Entomological Society*, 88(2), 186-207. doi:10.2317/kent-88-02-186-207.1
- Ravindran, A., Jalan, N., Yuan, J. S., Wang, N., & Gross, D. C. (2015). Comparative genomics of *Pseudomonas syringae* pv. *syringae* strains B301D and HS191 and insights into intrapathovar traits associated with plant pathogenesis. *Microbiologyopen*, 4(4), 553-573. doi:10.1002/mbo3.261
- Rawat, N., Kiran, S. P., Du, D., Gmitter, F. G., Jr., & Deng, Z. (2015). Comprehensive meta-analysis, co-expression, and miRNA nested network analysis identifies gene candidates in citrus against Huanglongbing disease. *BMC Plant Biology*, 15, 184. doi:10.1186/s12870-015-0568-4
- Razze, J. M., Liburd, O.E., McSorley, R. (2015). Preference of *Bemisia tabaci* biotype B on zucchini squash and buckwheat and the effect of *Delphastus catalinae* on whitefly populations. *Pest Management Science*. doi:10.1002/ps.4154.
- Redondo, C., Sena-Vélez, M., Gell, I., Ferragud, E., Sabuquillo, P., Graham, J. H., & Cubero, J. (2015). Influence of selected bactericides on biofilm formation and viability of *Xanthomonas citri* subsp. *citri*. *Crop Protection*, 78, 204-213. doi:10.1016/j.cropro.2015.09.010

- Reinhardt Adams, C., Wiese, C., & Lee, L. C. (2015). Native recolonization following control of invasive *Ruellia simplex* in a cypress floodplain forest. *Applied Vegetation Science*, 18(4), 694-704. doi:10.1111/avsc.12187
- Renkema, J. M., DiFonzo, C. D., Smith, J. L., & Schaafsma, A. W. (2015). Impact of European chafer larvae (Coleoptera: Scarabaeidae) on winter wheat and the role of neonicotinoid seed treatments in their management. *Journal of Economic Entomology*, 108, 566-575. <http://www.bioone.org/doi/full/10.1093/jee/tov002>
- Renkema, J. M., Telfer, Z., Garipey, T., & Hallett, R. H. (2015). *Dalotia coriaria* as a predator of *Drosophila suzukii*: Functional responses, reduced fruit infestation and molecular diagnostics. *Biological Control*, 89, 1-10. doi:10.1016/j.biocontrol.2015.04.024
- Rens, L. R., Zotarelli, L., Cantliffe, D. J., Stoffella, P. J., Gergela, D., & Burhans, D. (2015). Rate and timing of nitrogen fertilizer application on potato 'FL1867' part II: Marketable yield and tuber quality. *Field Crops Research*, 183, 267-275. doi:10.1016/j.fcr.2015.08.008
- Rens, L. R., Zotarelli, L., Cantliffe, D. J., Stoffella, P. J., Gergela, D., & Fourman, D. (2015). Biomass accumulation, marketable yield, and quality of Atlantic potato in response to nitrogen. *Agronomy Journal*, 107(3), 931-942. doi:10.2134/agronj14.0408
- Rens, L. R., Zotarelli, L., Cantliffe, D. J., Stoffella, P., Gergela, D., & Fourman, D. (2015). Commercial evaluation of seasonal distribution of nitrogen fertilizer for potato. *Potato Research*, doi:10.1007/s11540-015-9304-6
- Rios, E. F., Kenworthy, K. E., & Munoz, P. R. (2015). Association of phenotypic traits with ploidy and genome size in annual ryegrass. *Crop Science*, 55(5), 2078-2090. doi:10.2135/cropsci2015.01.0039
- Rios, E., Blount, A., Harmon, P., Mackowiak, C., Kenworthy, K., & Quesenberry, K. (2015). Ergot resistant tetraploid bahiagrass and fungicide effects on seed yield and quality. *Plant Health Progress*, 16(2), 56-62. doi:10.1094/PHP-RS-14-0051
- Ro, K., Lima, I., Reddy, G., Jackson, M., & Gao, B. (2015). Removing gaseous NH₃ using biochar as an adsorbent. *Agriculture*, 5(4), 991. doi:10.3390/agriculture5040991
- Rocha, F. H., Infante, F., Castillo, A., Ibarra-Nunez, G., Goldarazena, A., & Funderburk, J. E. (2015). Natural enemies of the *Frankliniella* complex species (Thysanoptera: Thripidae) in ataulfo mango agroecosystems. *Journal of Insect Science*, 15. doi:10.1093/jisesa/iev096
- Rockey, W., Potnis, N., Timilsina, S., Hong, J. C., Vallad, G. E., Jones, J. B., & Norman, D. J. (2015). Multilocus sequence analysis reveals genetic diversity in xanthomonads associated with poinsettia production. *Plant Disease*, 99(6), 874-882. doi:10.1094/PDIS-08-14-0867-RE
- Roose, M. L., Gmitter, F. G., Jr., Lee, R., Hummer, K., Machado, M., Ashmore, S., . . . & Luro, F. (2015). Development of a global conservation strategy for citrus genetic resources. *Acta Horticulture Proceedings*, 1065, 75-83. doi:10.17660/ActaHortic.2015.1065.7
- Rosario, K., Seah, Y. M., Marr, C., Varsani, A., Kraberger, S., Stainton, D., . . . & Breitbart, M. (2015). Vector-Enabled Metagenomic (VEM) surveys using whiteflies (Aleyrodidae) reveal novel begomovirus species in the New and Old Worlds. *Viruses*, 7(10), 5553-5570. doi:10.3390/v7102895
- Roumagnac, P., Granier, M., Bernardo, P., Deshoux, M., Ferdinand, R., Galzi, S., . . . & Filloux, D. (2015). Alfalfa leaf curl virus: An aphid-transmitted geminivirus. *Journal of Virology*, 89(18), 9683-9688. doi:10.1128/JVI.00453-15

- Rowland, D. L., Smith, C., Cook, A., Mason, A., Schreffler, A., & Bennett, J. (2015). Visualization of peanut nodules and seasonal nodulation pattern in different tillage systems using a Minirhizotron system. *Peanut Science*, 42(1), 1-10. doi:10.3146/PS14-9.1
- Russell, C. W., & Pelz-Stelinski, K. S. (2015). Development of an artificial diet and feeding system for juvenile stages of the Asian citrus psyllid, *Diaphorina citri*. *Entomologia Experimentalis et Applicata*, 154(2), 171-176. doi:10.1111/eea.12268
- Sanahuja, G., Lopez, P., & Palmateer, A. J. (2015). First report of *Phytophthora nicotianae* causing foliar blight of *Codiaeum variegatum* in Florida. *Plant Disease*. doi:10.1094/PDIS-10-15-1126-PDN
- Sanahuja, G., Lopez, P., & Palmateer, A. J. (2015). First report of *Phytophthora nicotianae* causing foliar blight on *Zamioculcas zamiifolia* in Florida. *Plant Disease*. doi:10.1094/PDIS-09-15-1034-PDN
- Sanatkar, M. R., White, W. N., Natarajan, B., Scoglio, C., & Garrett, K. A. (2015). Epidemic threshold of an SIS model in dynamic switching networks. *IEEE Transactions on Systems, Man and Cybernetics*, 46(3), 345-355. doi: 10.1109/TSMC.2015.2448061
- Sanatkar, M., Scoglio, C., Natarajan, B., Isard, S., & Garrett, K. (2015). History, epidemic evolution, and model burn-in for a network of annual invasion: Soybean rust. *Phytopathology*, 105(7), 947-955. doi:10.1094/PHYTO-12-14-0353-FI
- Sánchez-Sevilla, J. F., Horvath, A., Botella, M. A., Gaston, A., Folta, K., Kilian, A., . . . & Amaya, I. (2015). Diversity arrays technology (dart) marker platforms for diversity analysis and linkage mapping in a complex crop, the octoploid cultivated strawberry (*Fragaria x ananassa*). *PLoS ONE*, 10(12). doi:10.1371/journal.pone.0144960
- Sandhu, H. S., Comstock, J. C., Gilbert, R. A., Gordon, V. S., Korndorfer, P., El-Hout, N., & Arundale, R. A. (2015). Registration of 'UFCP 78-1013' sugarcane cultivar. *Journal of Plant Registrations*, 9(3), 318-324. doi:10.3198/jpr2014.08.0050crc
- Sandhu, H. S., Gilbert, R. A., Comstock, J. C., Gordon, V. S., Korndorfer, P., El-Hout, N., & Arundale, R. A. (2015). Registration of 'UFCP 74-1010' sugarcane. *Journal of Plant Registrations*, 9(2), 179-184. doi:10.3198/jpr2014.06.0042crc
- Sankaran, S., Ehsani, R., & Morgan, K. T. (2015). Detection of anomalies in citrus leaves using laser-induced breakdown spectroscopy (LIBS). *Applied Spectroscopy*, 69(8), 913-919. doi:10.1366/14-07767
- Saraiva, M. A., Pegoraro Zemolin, A. P., Franco, J. L., Boldo, J. T., Stefenon, V. M., Triplett, E. W., . . . & Wurdig Roesch, L. F. (2015). Relationship between honeybee nutrition and their microbial communities. *Antonie Van Leeuwenhoek International Journal of General and Molecular Microbiology*, 107(4), 921-933. doi:10.1007/s10482-015-0384-8
- Satpute, A. D., Chen, C. X., Gmitter, F. G., Ling, P., Yu, Q. B., Grosser, M. R., . . . & Chase, C. D. (2015). Hybridization of grapefruit with 'dancy' mandarin leads to improved fruit characteristics. *Journal of the American Society for Horticultural Science*, 140(5), 427-435. <http://journal.ashspublications.org/content/140/5/427.abstract>
- Schuerger, A. C., & Lee, P. (2015). Microbial ecology of a crewed rover traverse in the arctic: Low microbial dispersal and implications for planetary protection on human mars missions. *Astrobiology*, 15(6), 478-491. doi:10.1089/ast.2015.1289

- Schwartz, A. R., Potnis, N., Timilsina, S., Wilson, M., Patane, J., Martins Jr, J., . . . & Staskawicz, B. J. (2015). Phylogenomics of *Xanthomonas* field strains infecting pepper and tomato reveals diversity in effector repertoires and identifies determinants of host specificity. *Frontiers in Microbiology*, 6, 535. doi:10.3389/fmicb.2015.00535
- Scott, J. W., Hutton, S. F., & Freeman, J. H. (2015). Fla. 8638B and Fla. 8624 tomato breeding lines with Begomovirus resistance genes ty-5 plus Ty-6 and Ty-6 respectively. *HortScience*, 50(9), 1405-1407. <http://hortsci.ashspublications.org/content/50/9/1405.extract>
- Seal, D. R., & Sabines, C. M. (2014). Effect of Stockosorb on the management of bean and cucumber plants and their insect pest, silverleaf whitefly, using three levels of irrigation. *Proceedings of the Florida State Horticultural Society*, 127, 99-101.
- Seal, D. R., Devkota, S., & Sabines, C. M. (2014). New insecticides in managing American serpentine leafminer, *Liriomyza trifolii* (Burgess) (Diptera: Agromyzidae) in South Florida. *Proceedings of the Caribbean Food Crop Society*, 50, 28-36.
- Seaver, S. M., Bradbury, L. M., Frelin, O., Zarecki, R., Ruppin, E., Hanson, A. D., & Henry, C. S. (2015). Improved evidence-based genome-scale metabolic models for maize leaf, embryo, and endosperm. *Frontiers in Plant Science*, 6, 142. doi:10.3389/fpls.2015.00142
- Seid, A., & Gofitshu, M., Degebassa, L., & Mekete, T. (2015). Occurrence, distribution, and abundance of plant-parasitic nematodes associated with khat (*Catha edulis* Forsk) in East Hararghe Zone, Ethiopia. *Nematropica*, 45(2), 1-8. <http://journals.fcla.edu/nematropica/article/view/87382>
- Seid, A., Fininsa, C., Mekete, C., Decreamer, & Wesemael, W. M. L. (2015). Tomato (*Solanum lycopersicum*) and root-knot nematodes (*Meloidogyne* spp.) – a century-old battle. *Nematology*, 17(9), 1568-5411. doi:10.1163/15685411-00002935
- Sells, S. M., Held, D. W., Enloe, S. F., Loewenstein, N. J., & Eckhardt, L. G. (2015). Impact of cogongrass management strategies on generalist predators in cogongrass-infested longleaf pine plantations. *Pest Management Science*, 71(3), 478-484. doi:10.1002/ps.3951
- Sen, R., Raychoudhury, R., Cai, Y., Sun, Y., Lietze, V. U., Peterson, B. F., . . . & Boucias, D. G. (2015). Molecular signatures of nicotinoid-pathogen synergy in the termite gut. *PLoS ONE*, 1-20. doi:10.1371/journal.pone.0123391
- Sena-Velez, M., Redondo, C., Gell, I., Ferragud, E., Johnson, E., Graham, J. H., & Cubero, J. (2015). Biofilm formation and motility of *Xanthomonas* strains with different citrus host range. *Plant Pathology*, 64(4), 767-775. doi:10.1111/ppa.12311
- Seraydar, K. R., & Kaufman, P. E. (2015). Does behaviour play a role in house fly resistance to imidacloprid-containing baits? *Medical and Veterinary Entomology*, 29(1), 60-67. doi:10.1111/mve.12095
- Shakya, S., Goss, E., Dufault, N., & van Bruggen, A. (2015). Potential effects of diurnal temperature oscillations on potato late blight with special reference to climate change. *Phytopathology*, 105(2), 230-238. doi:10.1094/PHYTO-05-14-0132-R
- Shannag, H. K., Capinera, J. L., & Freihat, N.M. (2015). Effects of neem-based insecticides on consumption and utilization of food in larvae of *Spodoptera eridania* (Lepidoptera: Noctuidae). *Journal of Insect Science*, 15(1), 1-6. doi:10.1093/jisesa/iev134

- Shannon-Firestone, S., Reynolds, H. L., Phillips, R. P., Flory, S. L., & Yannarell, A. (2015). The role of ammonium oxidizing communities in mediating effects of an invasive plant on soil nitrification. *Soil Biology and Biochemistry*, 90, 266-274. doi:10.1016/j.soilbio.2015.07.017
- Shao, G. C., Boman, B. J., Gruber, B., Kumar, P., & Lu, J. (2015). Effect of water and nutrient supply on photosynthesis and yield of energy beet genotypes. *Transactions of the ASABE*, 58(4), 1027-1034. doi:10.13031/trans.58.11039
- Shao, G., Cui, J., Yu, S., Lu, B., Boman, B. J., Ding, J., She, D.. (2015). Impacts of controlled irrigation and drainage on the yield and physiological attributes of rice. *Agricultural Water Management*, 149, 156-165. doi:10.1016/j.agwat.2014.11.002
- Shapiro-Ilan, D. I., & Mizell, R. F., III. (2015). An insect pupal cell with antimicrobial properties that suppress an entomopathogenic fungus. *Journal of Invertebrate Pathology*, 124, 114-116. doi:10.1016/j.jip.2014.12.003
- Shapiro-Ilan, D. I., Cottrell, T. E., Mizell, R. F., III, Horton, D. L., & Zaid, A. (2015). Field suppression of the peachtree borer, *Synanthedon exitiosa*, using *Steinernema carpocapsae*: Effects of irrigation, a sprayable gel and application method. *Biological Control*, 82, 7-12. doi:10.1016/j.biocontrol.2014.12.003
- Shi, P., Wei, J., Sandhu, H., & Liang, G. (2015). Capture of interaction types of two Bt toxins Cry1Ac and Cry1Ab on suppressing the cotton bollworm by using multi-exponential equations. *Insect Science*. doi:10.1111/1744-7917.12273
- Shi, P., Xu, Q., Sandhu, H., Gielis, J., Ding, Y., Li, H., & Dong, X. (2015). Comparison of dwarf bamboos (*Indocalamus* sp.) leaf parameters to determine relationship between spatial density of plants and total leaf area per plant. *Ecology and Evolution*, 5(20), 4578-4589. doi:10.1002/ece3.1728
- Shi, Q. C., Febres, V. J., Jones, J. B., & Moore, G. A. (2015). Responsiveness of different citrus genotypes to the *Xanthomonas citri* ssp *citri*-derived pathogen-associated molecular pattern (PAMP) flg22 correlates with resistance to citrus canker. *Molecular Plant Pathology*, 16(5), 507-520. doi:10.1111/mpp.12206
- Short, D. P. G., Sandoya, G., Vallad, G. E., Koike, S. T., Xiao, C. L., Wu, B. M., . . . & Subbarao, K. V. (2015). Dynamics of *Verticillium* species microsclerotia in field soils in response to fumigation, cropping patterns, and flooding. *Phytopathology*, 105(5), 638-645. doi:10.1094/PHYTO-09-14-0259-R
- Shrestha, N. K., & Shukla, S. (2015). Support vector machine based modeling of evapotranspiration using hydro-climatic variables in a sub-tropical environment. *Agricultural and Forest Meteorology*, 200, 172-184. doi:10.1016/j.agrformet.2014.09.025
- Shukla, S., & Shrestha, N. K. (2015). Evapotranspiration for plastic-mulched production system for gradually cooling and warming seasons: Measurements and modeling. *Irrigation Science*, 33(5), 387-397. doi:10.1007/s00271-015-0473-5
- Sikirou, R., Zocli, B., Paret, M. L., Deberdt, P., Coranson-Beaudu, R., Huat, J., . . . & Wicker, E. (2015). First report of bacterial wilt of *Gboma* (*Solanum macrocarpon*) caused by *Ralstonia solanacearum* in Benin. *Plant Disease*, 99(11), 1640-1640. doi:10.1094/pdis-02-15-0213-pdn
- Silva, D., & R.C. Beeson, J., & Kane, M. (2015). Development of shoot architecture of Japanese privet in response to soil moisture. *Journal of the American Society of Horticultural Science*, 140(1), 50-56. <http://journal.ashspublications.org/content/140/1/50.short>

- Silva, F. H., Muñoz, P. R., Vincent, C. I., & Viana, A. P. Generating relevant information for breeding *Passiflora edulis*: genetic parameters and population structure. *Euphytica*, 1-11. doi:10.1007/s10681-015-1616-8
- Silva, K. J. P., Brunings, A., Peres, N. A., Mou, Z., & Folta, K. M. (2015). The *Arabidopsis* NPR1 gene confers broad-spectrum disease resistance in strawberry. *Transgenic Research*, 24, 693-704. doi:10.1007/s11248-015-9869-5
- Silva, V. J., Pedreira, C. G. S., Sollenberger, L. E., Carvalho, M. S. S., Tonato, F., & Basto, D. C. (2015). Seasonal herbage accumulation and nutritive value of irrigated 'Tifton 85', jiggs, and vquero bermudagrasses in response to harvest frequency. *Crop Science*, 55(6), 2886-2894. doi:10.2135/cropsci2015.04.0225
- Silveira, M. L., Vendramini, J. M. B., Sellers, B., Monteiro, F. A., Artur, A. G., & Dupas, E. (2015). Bahiagrass response and N loss from selected N fertilizer sources. *Grass and Forage Science*, 70(1), 154-160. doi:10.1111/gfs.12078
- Singh, M. P., Erickson, J. E., Sollenberger, L. E., Woodard, K. R., Vendramini, J. M. B., & Gilbert, R. A. (2015). Mineral composition and removal of six perennial grasses grown for bioenergy. *Agronomy Journal*, 107(2), 466-474. doi:10.2134/agronj14.0339
- Singh, S., Boote, K. J., Angadi, S. V., Grover, K., Begna, S., & Auld, D. (2016). Adapting the CROPGRO model to simulate growth and yield of spring safflower in semiarid conditions. *Agronomy Journal*, 108(1), 64-72. doi:10.2134/agronj15.0272
- Smith, A. M., Adams, C. R., Wiese, C., & Wilson, S. B. (2015). Suppression of the ornamental invasive Mexican petunia (*Ruellia simplex*) by native species. *Ecological Restoration*, 33(2), 207-214. doi:10.3368/er.33.2.207
- Smith, A. M., Reinhardt Adams, C., Wiese, C., & Wilson, S. B. (2016). Re-vegetation with native species does not control the invasive *Ruellia simplex* in a floodplain forest in Florida, USA. *Applied Vegetation Science*, 19(1), 20-30. doi:10.1111/avsc.12188
- Smith, A. M., Wilson, S. B., Adams, C. R., & Wiese, C. (2015). Germination of native species: Efforts to guide revegetation in a Mexican petunia-invaded floodplain in Florida. *Ecological Restoration*, 33(3), 237-241. doi:10.3368/er.33.3.237
- Smith, H. A., Seijo, T. E., Vallad, G. E., Peres, N. A., & Druffel, K. L. (2015). Evaluating weeds as hosts of Tomato yellow leaf curl virus. *Environmental Entomology*, 44(4), 1101-1107. doi:10.1093/ee/nvv095
- Smith, M. E., Amses, K. R., Elliott, T. F., Obase, K., Aime, M. C., & Henkel, T. W. (2015). New sequestrate fungi from Guyana: *Jimtrappea guyanensis* gen. sp. nov., *Castellanea pakaraimophila* gen. sp. nov., and *Costatisporus cyanescens* gen. sp. nov. (Boletaceae, Boletales). *IMA Fungus*, 6(2), 297-317. doi:10.5598/imafungus.2015.06.02.03
- Smith, M. E., Henkel, T. W., & Rollins, J. A. (2015). How many fungi make sclerotia? *Fungal Ecology*, 13, 211-220. doi:10.1016/j.funeco.2014.08.010
- Smith, S. M., & Deng, Z. (2015). Interspecific Hybridization between *Coreopsis leavenworthii* and *Coreopsis tinctoria* Differently affected growth, development, and reproduction of their progeny. *Journal of the American Society for Horticultural Science*, 140(1), 27-37. <http://journal.ashspublications.org/content/140/1/27.abstract>

- Soares, A., Quintela, E. D., Mascarin, G. M., & Arthurs, S. P. (2015). Effect of temperature on the development and feeding behavior of *Acanthoscelides obtectus* (Chrysomelidae: Bruchinae) on dry bean (*Phaseolus vulgaris* L.). *Journal of Stored Products Research*, 61, 90-96. doi:10.1016/j.jspr.2014.12.005
- Somjee, U., Allen, P. E., & Miller, C. W. (2015). Different environments lead to a reversal in the expression of weapons and testes in the heliconia bug, *Leptoscelis tricolor* (Hemiptera: Coreidae). *Biological Journal of the Linnean Society*, 115(4), 802-809. doi:10.1111/bij.12544
- Song, C., Ortiz-Urquiza, A., Ying, S.-H., Zhang, J.-X., & Keyhani, N. O. (2015). Interaction between TATA-binding protein (TBP) and multiprotein bridging factor-1 (MBF1) from the filamentous insect pathogenic fungus *Beauveria bassiana*. *PLoS ONE*, 10(10). doi:10.1371/journal.pone.0140538
- Soni, N., Leon, R. G., Erickson, J. E., Ferrell, J. A., & Silveira, M. L. (2015). Biochar decreases atrazine and pendimethalin preemergence herbicidal activity. *Weed Technology*, 29(3), 359-366. doi:10.1614/wt-d-14-00142.1
- Sosso, D., Luo, D., Li, Q. B., Sasse, J., Yang, J., Gendrot, G., . . . & Frommer, W. B. (2015). Seed filling in domesticated maize and rice depends on SWEET-mediated hexose transport. *Nature Genetics*, 47(12), 1489-1493. doi:10.1038/ng.3422
- Soto-Plancarte, A., Santillan-Mendoza, R., Fernandez-Pavia, S. P., Ploetz, R. C., Freeman, S., Ortega-Arreola, R., . . . & Rodriguez-Alvarado, G. (2015). Mango nurseries as sources of *Fusarium mexicanum*, cause of mango malformation disease in central western Mexico. *Phytoparasitica*, 43(4), 427-435. doi:10.1007/s12600-015-0471-4
- Stainton, D., Collings, D. A., & Varsani, A. (2015). Genome sequence of banana streak my virus from the Pacific Ocean Island of Tonga. *Genome Announcements*, 3(3), e00543-00515. doi:10.1128/genomeA.00543-15
- Stainton, D., Martin, D. P., Muhire, B. M., Lolohea, S., Lepoint, P., Blomme, G., . . . & Dayaram, A. (2015). The global distribution of Banana bunchy top virus reveals little evidence for frequent recent, human-mediated long distance dispersal events. *Virus Evolution*, 1(1), vev009. doi:10.1093/ve/vev009
- Stenzel, T., Farkas, K., & Varsani, A. (2015). Genome sequence of a diverse goose circovirus recovered from greylag goose. *Genome Announcements*, 3(4), e00767-00715. doi:10.1128/genomeA.00767-15
- Stricker, K. B., Hagan, D., & Flory, S. L. (2015). Improving methods to evaluate the impacts of plant invasions: Lessons from 40 years of research. *AoB Plants*, 7, 10. doi:10.1093/aobpla/plv028
- Sun, Y. Y., Gao, B., Bradford, S. A., Wu, L., Chen, H., Shi, X. Q., & Wu, J. C. (2015). Transport, retention, and size perturbation of graphene oxide in saturated porous media: Effects of input concentration and grain size. *Water Research*, 68, 24-33. doi:10.1016/j.watres.2014.09.025
- Sun, Y., Niu, G., Koeser, A. K., Bi, G., Anderson, V., Jacobsen, K., . . . & Lovell, S. T. (2015). Impact of biocontainers on plant performance and container decomposition in the landscape. *HortTechnology*, 25(1), 63-70. <http://horttech.ashspublications.org/content/25/1/63.abstract>
- Suzuki, M., Sato, Y., Wu, S., Kang, B. H., & McCarty, D. R. (2015). Conserved functions of the MATE transporter BIG EMBRYO1 in regulation of lateral organ size and initiation rate. *Plant Cell*, 27(8), 2288-2300. doi:10.1105/tpc.15.00290

- Swale, D. R., Carlier, P. R., Hartsel, J. A., Ma, M., & Bloomquist, J. R. (2015). Mosquitocidal carbamates with low toxicity to agricultural pests: An advantageous property for insecticide resistance management. *Pest Management Science*, 71(8), 1158-1164. doi:10.1002/ps.3899
- Szantoi, Z., Escobedo, F. J., Abd-Elrahman, A., Pearlstine, L., Dewitt, B., & Smith, S. (2015). Classifying spatially heterogeneous wetland communities using machine learning algorithms and spectral and textural features. *Environmental Monitoring and Assessment*, 187(262), 1-15. doi:10.1007/s10661-015-4426-5
- Tabachnick, W. J. (2015). *Diaphorina citri* (Hemiptera: Liviidae) vector competence for the citrus greening pathogen 'Candidatus Liberibacter Asiaticus'. *Journal of Economic Entomology*, 108(3), 839-848. doi:10.1093/jee/tov038
- Talukder, S. K., Prasad, P. V. V., Todd, T., Babar, M. A., Poland, J., Bowden, R., & Fritz, A. (2015). Effect of cytoplasmic diversity on post anthesis heat tolerance in wheat. *Euphytica*, 204(2), 383-394. doi:10.1007/s10681-014-1350-7
- Taravati, S., & Mannion, C. (2015). Effect of aggregation and cage setting on some life-history parameters of *Aleurodicus rugioperculatus* (Hemiptera: Aleyrodidae). *Journal of Economic Entomology*, 98(4). doi:10.1093/jee/tov299
- Taylor, L. A., Amin, Z., Maier, E. B., Byrne, K. J., & Morehouse, N. I. (2015). Flexible color learning in an invertebrate predator: *Habronattus* jumping spiders can learn to prefer or avoid red during foraging. *Behavioral Ecology*. doi:10.1093/beheco/arv182
- Telenko, D. E. P., Shaddox, T. W., Unruh, J. B., & Trenholm, L. E. (2015). Nitrate leaching, turf quality, and growth rate of 'Floritam' St. Augustinegrass and common centipedegrass. *Crop Science*, 55(3), 1320-1328. doi:10.2135/cropsci2014.09.0639
- Tetlak, A. G., Burnett, J. B., Hahn, D. A., & Hatle, J. D. (2015). Vitellogenin-RNAi and ovariectomy each increase lifespan, increase protein storage, and decrease feeding, but are not additive in grasshoppers. *Biogerontology*, 16(6), 761-774. doi:10.1007/s10522-015-9599-3
- Thetford, M., Miller, D. L., Atwood, L. W., & Ballard, B. O. (2015). Microsite and rooting depth are more important than water-holding gel for establishment of restoration plantings of *Ilex vomitoria* on barrier islands in the Gulf of Mexico. *Native Plants Journal*, 16(2), 77-86. <http://muse.jhu.edu/journals/npj/summary/v016/16.2.thetford.html>
- Thomas-Sharma, S., Abdurahman, A., Ali, S., Andrade-Piedra, J., Bao, S., Charkowski, A., . . . & Forbes, G. (2015). Seed degeneration in potato: the need for an integrated seed health strategy to mitigate the problem in developing countries. *Plant Pathology*, 65(1), 3-16. doi:10.1111/ppa.12439
- Thompson-Witrick, K. A., Rouseff, R. L., Cadawallader, K. R., Duncan, S. E., Eigel, W. N., Tanko, J. M., & O'Keefe, S. F. (2015). Comparison of two extraction techniques, solid-phase microextraction versus continuous liquid-liquid extraction/solvent-assisted flavor evaporation, for the analysis of flavor compounds in gueuze lambic beer. *Journal of Food Science*, 80(3), C571-C576. doi:10.1111/1750-3841.12795
- Thornton, S. T., Gallo, M., & Tillman, B. L. (2015). Genotypic variability in calcium concentration of peanut (*Arachis hypogaea* L.) seeds. *Crop Science*, 55(1), 211-218. doi:10.2135/cropsci2014.04.0302
- Tian, D., Asseng, S., Martinez, C. J., Misra, V., Cammarano, D., & Ortiz, B. V. (2015a). Does decadal climate variation influence wheat and maize production in the southeast USA? *Agricultural and Forest Meteorology*, 204, 1-9. doi:10.1016/j.agrformet.2015.01.013

- Tian, J., Diao, H., Liang, L., Hao, C., Arthurs, S., & Ma, R. (2015). Pathogenicity of *Isaria fumosorosea* to *Bemisia tabaci*, with some observations on the fungal infection process and host immune response. *Journal of Invertebrate Pathology*, 130, 147-153. doi:10.1016/j.jip.2015.08.003
- Tian, X. Y., He, M. R., Wang, Z. L., Zhang, J. W., Song, Y. L., He, Z. L., & Dong, Y. J. (2015). Application of nitric oxide and calcium nitrate enhances tolerance of wheat seedlings to salt stress. *Plant Growth Regulation*, 77(3), 343-356. doi:10.1007/s10725-015-0069-3
- Tillman, B. L., & Gorbet, D. W. (2015). Registration of 'FloRun '107' ' peanut. *Journal of Plant Registrations*, 9(2), 162-167. doi:10.3198/jpr2014.12.0086crc
- Tillman, P. G., Khrimian, A., Cottrell, T. E., Lou, X., Mizell, R. F., III, & Johnson, C. J. (2015). Trap cropping systems and a physical barrier for suppression of stink bugs (Hemiptera: Pentatomidae) in cotton. *Journal of Economic Entomology*, 108(5), 2324-2334. doi:10.1093/jee/tov217
- Timilsina, S., Jibrin, M. O., Potnis, N., Minsavage, G. V., Kebede, M., Schwartz, A., . . . & Goss, E. M. (2015). Multilocus sequence analysis of *Xanthomonads* causing bacterial spot of tomato and pepper plants reveals strains generated by recombination among species and recent global spread of *Xanthomonas gardneri*. *Applied and Environmental Microbiology*, 81(4), 1520-1529. doi:10.1128/AEM.03000-14
- Timmer, L. W., & Peres, N. A. (2015). Where have all the flowers gone? Postbloom fruit drop in citrus in the Americas. *Journal of Citrus Pathology*, 2(1). <http://escholarship.org/uc/item/13k7c4gf>
- Tipping, P. W., Martin, M. R., Pratt, P. D., Rayamajhi, M. B., & Gettys, L. A. (2015). Resource regulation of an invasive tree by a classical biological control agent. *Biological Control*, 85, 12-17. doi:10.1016/j.biocontrol.2015.03.001
- Tiwari, S., Liu, B., Mann, R. S., Killiny, N., & Stelinski, L. L. (2015). Effects of cold-acclimation, pathogen infection, and varying temperatures on insecticide susceptibility, feeding, and detoxifying enzyme levels in *Diaphorina citri* (Hemiptera: Liviidae). *Florida Entomologist*, 98(3). doi:10.1653/024.098.0309
- Tofangsazi, N., Cherry, R. H., Beeson, R. C., & Arthurs, S. P. (2015). Concentration–response and residual activity of insecticides to control *Herpetogramma phaeopteralis* (Lepidoptera: Crambidae) in St. Augustinegrass. *Journal of Economic Entomology*, 108(2), 730-735. doi:10.1093/jee/tov012
- Toor, G. S., & Sims, J. T. (2015). Managing phosphorus leaching in mid-Atlantic soils: Importance of legacy sources. *Vadose Zone Journal*, 14, 14(12). doi:10.2136/vzj2015.08.0108
- Torres-Quezada, E. A., Zotarelli, L., Whitaker, V. M., Santos, B. M., & Hernandez-Ochoa, I. (2015). Initial crown diameter of strawberry bare-root transplants affects early and total fruit yield. *HortTechnology*, 25(2), 203-208. <http://horttech.ashspublications.org/content/25/2/203.abstract>
- Trappe, M. J., Smith, M. E., & Hobbie, E. A. (2015). Exploring the phylogenetic affiliations and the trophic mode of *Sedecula pulvinata* (Sedeculaceae). *Mycologia*, 107(4), 688-696. doi:10.3852/14-110
- Trierveiler-Pereira, L., Smith, M. E., Trappe, J. M., & Nouhra, E. R. (2015). Sequester fungi from Patagonian *Nothofagus* forests: *Cystangium* (Russulaceae, Basidiomycota). *Mycologia*, 107(1), 90-103. doi:10.3852/13-302
- Tyler-Julian, K. A., Funderburk, J. E., Olson, S. M., Paret, M. L., Webster, C. G., & Adkins, S. (2015). A stimulo-deterrent method of thrips and tomato spotted wilt virus management in tomatoes. *Acta Horticulturae*, 1069, 251-258. doi:10.17660/ActaHortic.2015.1069.35

- van Bruggen, A. H., & Francis, I. M. (2015). Case investigation and forensic evidence for a new plant disease: The case of lettuce corky root. *Plant Disease*, 99(3), 300-309. doi:10.1094/PDIS-09-14-0953-FE
- van Bruggen, A. H., Francis, I. M., & Krag, R. (2015). The vicious cycle of lettuce corky root disease: effects of farming system, nitrogen fertilizer and herbicide. *Plant and Soil*, 388(1-2), 119-132. doi:10.1007/s11104-014-2312-5
- van der Laat, R., Owen, M. D., Liebman, M., & Leon, R. G. (2015). Post-dispersal weed seed predation and invertebrate activity-density in three tillage regimes. *Weed Science*, 63(4), 828-838. doi:10.1614/WS-D-15-00030.1
- VanBuren, R., Zeng, F., Chen, C., Zhang, J., Wai, C. M., Han, J., . . . & Ming, R. (2015). Origin and domestication of papaya Y-h chromosome. *Genome Research*, 25(4), 524-533. doi:10.1101/gr.183905.114
- Varsani, A., Porzig, E. L., Jennings, S., Kraberger, S., Farkas, K., Julian, L., . . . & Ainley, D. G. (2015). Identification of an avian polyomavirus associated with Adélie penguins (*Pygoscelis adeliae*). *Journal of General Virology*, 96(Pt 4), 851-857. doi:10.1099/vir.0.000038
- Vaughan, M. M., Christensen, S., Schmelz, E. A., Huffaker, A., Mcauslane, H. J., Alborn, H. T., ... & Teal, P. E. A. (2015). Accumulation of terpenoid phytoalexins in maize roots is associated with drought tolerance. *Plant Cell and Environment*, 38(11), 2195-2207. doi:10.1111/pce.12482
- Vega, B., & Dewdney, M. M. (2015). Sensitivity of *Alternaria alternata* from citrus to boscalid and polymorphism in iron-sulfur and in anchored membrane subunits of succinate dehydrogenase. *Plant Disease*, 99(2), 231-239. doi:10.1094/pdis-04-14-0374-re
- Vermerris, W., & Abril, A. (2015). Enhancing cellulose utilization for fuels and chemicals by genetic modification of plant cell wall architecture. *Current Opinion in Biotechnology*, 32, 104-112. doi:10.1016/j.copbio.2014.11.024
- Viana, B. L., de Mello, A. C. L., Lira, M. d. A., Guim, A., Dubeux, J. C. B., Jr., dos Santos, M. V. F., & da Cunha, M. V. (2015). Adaptability and stability analysis for selection of elephantgrass clones under grazing. *Crop Science*, 55(2), 950-957. doi:10.2135/cropsci2014.05.0406
- Vincent, C., Rowland, D. L., & Schaffer, B. (2015). The potential for primed acclimation in papaya (*Carica papaya* L.): Determination of critical water deficit thresholds and physiological response variables. *Scientia Horticulturae*, 194, 344-352. doi:10.1016/j.scienta.2015.08.032
- Vom Dorp, K., Hölzl, G., Plohmann, C., Eisenhut, M., Abraham, M., Weber, A. P., . . . & Dörmann, P. (2015). Remobilization of phytol from chlorophyll degradation is essential for tocopherol synthesis and growth of arabidopsis. *Plant Cell*, 27(10), 2846-2859. doi:10.1105/tpc.15.00395
- Wallau, M. O., Sollenberger, L. E., Vendramini, J. M. B., Mullenix, M. K., Quesenberry, K. H., Gomide, C. A. M., . . . & DiLorenzo, N. (2015). Herbage accumulation and nutritive value of limpgrass breeding lines under stockpiling management. *Crop Science*, 55(5), 2377-2383. doi:10.2135/cropsci2014.11.0797
- Wang, B., Chen, C., Liu, D. L., Asseng, S., Yu, Q., & Yang, X. (2015). Effects of climate trends and variability on wheat yield variability in eastern Australia. *Climate Research*, 64(2), 173-186. doi:10.3354/cr01307
- Wang, B., Chen, J., Chen, L., Wang, X., Wang, R., Ma, L., . . . & Chen, Y. (2015). Combined drought and heat stress in *Camellia oleifera* cultivars: Leaf characteristics, soluble sugar, and protein contents, and Rubisco gene expression. *Trees*, 29(5), 1483-1492. doi:10.1007/s00468-015-1229-9

- Wang, B., Liu, D. L., Asseng, S., Macadam, I., & Yu, Q. (2015). Impact of climate change on wheat flowering time in eastern Australia. *Agricultural and Forest Meteorology*, 209, 11-21. doi:10.1016/j.agrformet.2015.04.028
- Wang, C., Ding, Y., Yao, J., Zhang, Y., Sun, Y., Colee, J., & Mou, Z. (2015). Arabidopsis elongator subunit 2 positively contributes to resistance to the necrotrophic fungal pathogens *Botrytis cinerea* and *Alternaria brassicicola*. *Plant Journal*, 83(6), 1019-1033. doi:10.1111/tpj.12946
- Wang, C., Yao, J., Du, X., Zhang, Y., Sun, Y., Rollins, J. A., & Mou, Z. (2015). The arabidopsis mediator complex subunit16 is a key component of basal resistance against the necrotrophic fungal pathogen *Sclerotinia sclerotiorum*. *Plant Physiology*, 169(1), 856-872. doi:10.1104/pp.15.00351
- Wang, L., Hui, C., Sandhu, H., & Zhao, Z. (2015). Population dynamics and associated factors of cereal aphids and armyworms under global change. *Nature- Scientific Reports*, 5, 18801. doi:10.1038/srep18801
- Wang, L., Ou, M. S., Nieves, I., Erickson, J. E., Vermerris, W., Ingram, L. O., & Shanmugam, K. T. (2015). Fermentation of sweet sorghum derived sugars to butyric acid at high titer and productivity by a moderate thermophile *Clostridium thermobutyricum* at 50 degrees C. *Bioresource Technology*, 198, 533-539. doi:10.1016/j.biortech.2015.09.062
- Wang, N., Jin, T., Trivedi, P., Setubal, J., Tang, J., Machado, M., . . . & Deng, X. (2015). Announcement of the international citrus microbiome (phytobiome) consortium. *Journal of Citrus Pathology*, 2(1).
- Wang, Y., Lu, H., Raid, R., Nuessly, G., & Faroutine, G. (2015). Diverse responses of lettuce cultivars and germplasm lines to infections of three isolates of *Xanthomonas campestris* pv. *vitiensis*. *HortScience*, 50(5), 650-655. <http://hortsci.ashspublications.org/content/50/5/650.full.pdf+html>
- Webster, C. G., Frantz, G., Reitz, S. R., Funderburk, J. E., Mellinger, H. C., McAvoy, E., . . . Adkins, S. (2015). Emergence of groundnut ringspot virus and tomato chlorotic spot virus in vegetables in Florida and the southeastern United States. *Phytopathology*, 105(3), 388-398. doi:10.1094/phyto-06-14-0172-r
- Wherley, B., Dukes, M. D., Cathey, S., Miller, G., & Sinclair, T. (2015). Consumptive water use and crop coefficients for warm-season turfgrass species in the Southeastern United States. *Agricultural Water Management*, 156, 10-18. doi:10.1016/j.agwat.2015.03.020
- Whitaker, V. M., Chandler, C. K., Peres, N. A., Nunes, M. C. N., Plotto, A., & Sims, C. (2015). Sensation™ 'Florida 127' Strawberry. *HortScience*, 50(7), 1088-1091. <http://hortsci.ashspublications.org/content/50/7/1088.extract>
- White, S. N., Boyd, N. S., & Van Acker, R. C. (2015). Temperature thresholds and growing degree-day models for red sorrel (*Rumex acetosella* L.) ramet sprouting, emergence, and flowering in wild blueberry (*Vaccinium angustifolium* Ait). *Weed Science*, 63(1), 254-263. doi:10.1614/WS-D-14-00048.1
- White, S. N., Boyd, N. S., Van Acker, R. C., & Swanton, C. J. (2015). Pre and post-vernalization ramet removal reduces flowering of red sorrel (*Rumex acetosella* L.) in wild blueberry (*Vaccinium angustifolium* Ait.). *Canadian Journal of Plant Science*, 95(3), 549-556. doi:10.4141/cjps-2014-318
- White, S. N., Boyd, N. S., Van Acker, R. C., & Swanton, C. J. (2015). Studies on the flowering biology of red sorrel (*Rumex acetosella*) ramets from lowbush blueberry (*Vaccinium angustifolium*) fields in Nova Scotia, Canada. *Botany*, 93(1), 41-46. doi:10.1139/cjb-2014-0123
- Willett, D. S., Alborn, H. T., Duncan, L. W., & Stelinski, L. L. (2015). Social networks of educated nematodes. *Nature - Scientific Reports*, 5. doi:10.1038/srep14388

- Willett, D. S., Stelinski, L. L., & Lapointe, S. L. (2015). Using response surface methods to explore and optimize mating disruption of the leafminer *Phyllocnistis citrella* (Lepidoptera: Gracillariidae). *Frontiers in Ecology and Evolution*, 3. doi:10.3389/fevo.2015.00030
- Williams, N. M., Ward, K. L., Pope, N., Isaacs, R., Wilson, J., May, E. A., ... & Peters, J. (2015). Native wildflower planting support wild bee abundance and diversity in agricultural landscapes across the United States. *Ecological Applications*, 25(8), 2119-2131. doi:10.1890/14-1748.1
- Wilson, C. H., Caughlin, T. T., Civitello, D. J., & Flory, S. L. (2015). Combining mesocosm and field experiments to predict invasive plant performance: a hierarchical Bayesian approach. *Ecology*, 96(4), 1084-1092. doi:10.1890/14-0797.1
- Wright, S. L., Welt, B. A., Pullammanappallil, P., McLamore, E., & Wilkie, A. C. (2015). A review on the current state of autotrophic phytoplankton growth and lipid synthesis modeling. *Biological Engineering Transactions*, 7(4), 143-168. doi:10.13031/bet.7.10412
- Wu, H., Awan, F. S., Vilarinho, A., Zeng, Q., Kannan, B., Phipps, T., . . . & Altpeter, F. (2015). Transgene integration complexity and expression stability following biolistic or *Agrobacterium*-mediated transformation of sugarcane. *In Vitro Cellular & Developmental Biology-Plant*, 51(6), 603-611. doi:10.1007/s11627-015-9710-0
- Wyenandt, C. A., Simon, J. E., Pyne, R. M., Homa, K., McGrath, M. T., Zhang, S. A., . . . & Madeiras, A. (2015). Basil downy mildew (*Peronospora belbahrii*): Discoveries and challenges relative to its control. *Phytopathology*, 105(7), 885-894. doi:10.1094/phyto-02-15-0032-fi
- Xie, K. D., Xia, Q. M., Wang, X. P., Liang, W. J., Wu, X. M., Grosser, J. W., & Guo, W. W. (2015). Cytogenetic and SSR-marker evidence of mixed disomic, tetrasomic, and intermediate inheritance in a citrus allotetraploid somatic hybrid between 'Nova' tangelo and 'HB' pummelo. *Tree Genetics & Genomes*, 11(6), 112. doi:10.1007/s11295-015-0940-4
- Yang, X., & Wang, J. (2016). Genome-wide analysis of NBS-LRR Genes in sorghum genome revealed several events contributing to NBS-LRR gene evolution in grass species. *Evolutionary Bioinformatics*, 12, 9-21. doi:10.4137/EBO.S36433
- Yeager, T. H., von Merveldt, J. K., Irani, T. A., & Larsen, C. A. (2015). Survey of reclaimed and non-reclaimed irrigation water use for production of container-grown plants in Florida. *Journal of Environmental Horticulture*, 33(3), 119-124.
- Yu, J., Broschat, T. K., Latham, W. G., & Elliott, M. L. (2015). Dynamics and distribution of trunk-injected phosphite in coconut palm. *HortScience*, 50(9), 1327-1331. <http://hortsci.ashspublications.org/content/50/9/1327.abstract>
- Yu, Q., Plotto, A., Baldwin, E. A., Bai, J., Huang, M., Yu, Y., . . . & Gmitter, F. G., Jr. (2015). Proteomic and metabolomic analyses provide insight into production of volatile and non-volatile flavor components in mandarin hybrid fruit. *BMC Plant Biology*, 15,76. doi:10.1186/s12870-015-0466-9
- Zeng, X., Tian, D., Gu, K., Zhou, Z., Yang, X., Luo, Y., . . . & Yin, Z. (2015). Genetic engineering of the Xa10 promoter for broad-spectrum and durable resistance to *Xanthomonas oryzae* pv. *oryzae*. *Plant Biotechnology Journal*, 13, 993-1001. doi:10.1111/pbi.12342
- Zhang, J., Unruh, J. B., & Kenworthy, K. (2015). Turf performance of bahiagrass, centipedegrass, and St. Augustinegrass cultivars under a linear gradient irrigation system. *HortScience*, 50(3), 491-495. <http://hortsci.ashspublications.org/content/50/3/491.abstract>

- Zhang, J., Yin, Z., & White, F. (2015). TAL effectors and the executor R genes. *Frontiers in Plant Science*, 6, 641. doi:10.1038/ng.3456
- Zhang, M., Gao, B., Chen, J., & Li, Y. (2015). Effects of graphene on seed germination and seedling growth. *Journal of Nanoparticle Research*, 17(2), 1-8. doi:10.1007/s11051-015-2885-9
- Zhang, M., Zhuo X., Wang J., Yang C., Powell, C. A., & Chen R. (2015). Phosphomannose isomerase affects the key enzymes of glycolysis and sucrose metabolism in transgenic sugarcane overexpressing the manA gene. *Molecular Breeding*, 35(3), 100. doi:10.1007/s11032-015-0295-4
- Zhang, S. H., Lv, X., Han, B., Gu, X., Wang, P. F., Wang, C., & He, Z. (2015). Prevalence of antibiotic resistance genes in antibiotic-resistant *Escherichia coli* isolates in surface water of Taihu Lake Basin, China. *Environmental Science and Pollution Research*, 22(15), 11412-11421. doi:10.1007/s11356-015-4371-4
- Zhang, S., Chakrabarty, P. K., Fleites, L. A., Rayside, P. A., Hopkins, D. L., & Gabriel, D. W. (2015). Three new pierce's disease pathogenicity effectors identified using *Xylella fastidiosa* biocontrol strain EB92-1. *PLoS ONE*, 10(7), e0133796. doi:10.1371/journal.pone.0133796
- Zhang, S., Gu, J., Wang, C., Wang, P., Jiao, S., He, Z., & Han, B. (2015). Characterization of antibiotics and antibiotic resistance genes on an ecological farm system. *Journal of Chemistry*, 2015, 526143. doi:10.1155/2015/526143
- Zhang, S., Han, B., Gu, J., Wang, C., Wang, P., Ma, Y., Cao, J., & He, Z. (2015). Fate of antibiotic resistant cultivable heterotrophic bacteria and antibiotic resistance genes in wastewater treatment processes. *Chemosphere*, 135, 138-145. doi:10.1016/j.chemosphere.2015.04.001
- Zhang, S., Liu, K., Lv, X., Wang, P., Wang, C., Zhang, W., & He, Z. (2015). Effects of nitric oxide on zinc tolerance of the submerged macrophyte *Hydrilla verticillata*. *Aquatic Biology*, 23(1), 61-69. doi:10.3354/ab00608
- Zhang, T., Zhu, M., Song, W.-y., Harmon, A. C., & Chen, S. (2015). Oxidation and phosphorylation of MAP kinase 4 cause protein aggregation. *Biochimica et Biophysica Acta*, 1854(2), 156-165. doi:10.1016/j.bbapap.2014.11.006
- Zhang, W., Chen, J., Keyhani, N. O., Zhang, Z., Li, S., & Xia, Y. (2015). Comparative transcriptomic analysis of immune responses of the migratory locust, *Locusta migratoria*, to challenge by the fungal insect pathogen, *Metarhizium acridum*. *BMC Genomics*, 16(1), 867. doi:10.1186/s12864-015-2089-9
- Zhang, Y., Jalan, N., Zhou, X., Goss, E., Jones, J. B., Setubal, J. C., . . . & Wang, N. (2015). Positive selection is the main driving force for evolution of citrus canker-causing *Xanthomonas*. *ISME Journal*, 9(10), 2128-2138. doi:10.1038/ismej.2015.15
- Zhang, Z., Huber, D. J., Qu, H., Yun, Z., Wang, H., Huang, Z., . . . & Jiang, Y. (2015). Enzymatic browning and antioxidant activities in harvested litchi fruit as influenced by apple polyphenols. *Food Chemistry*, 171, 191-199. doi:10.1016/j.foodchem.2014.09.001
- Zhao, D., Comstock, J. C., Sandhu, H. S., Glaz, B., Edme, S. J., Davidson, R. W., . . . & Glynn, N. C. (2015). Registration of 'CP 06-2400' sugarcane. *Journal of Plant Registrations*, 9(1), 71-77. doi:10.3198/jpr2014.01.0002crc
- Zhao, D., Li, H.-B., Xu, J.-Y., Luo, J., & Ma, L. Q. (2015). Arsenic extraction and speciation in plants: Method comparison and development. *Science of the Total Environment*, 523, 138-145. doi:10.1016/j.scitotenv.2015.03.051

- Zhao, Z., Sandhu, H., Gao, F., & He, D. (2015). Shifts in natural enemy assemblages resulting from landscape simplification account for biocontrol loss in wheat fields. *Ecological Research*, 30, 493-498. doi:10.1007/s11284-015-1245-7
- Zhao, Z., Sandhu, H., Liu, J., & Wang, Y. (2015). Landscape pattern affects species composition and abundance of ground-dwelling predator. *Journal of Asia-Pacific Entomology*, 18(2), 331-334. doi:10.1016/j.aspen.2015.04.005
- Zhou, J., Peng, Z., Long, J., Sosso, D., Liu, B., Eom, J. S., . . . & Yang, B. (2015). Gene targeting by the TAL effector PthXo2 reveals cryptic resistance gene for bacterial blight of rice. *The Plant Journal*, 82(4), 632-643. doi:10.1111/tpj.12838
- Zhou, X., Hu, X., Li, J., & Wang, N. (2015). A novel periplasmic protein, VrpA, contributes to efficient protein secretion by the type III secretion system in *Xanthomonas* spp. *Molecular Plant-Microbe Interactions*, 28(2), 143-153. doi:10.1094/mpmi-10-14-0309-r
- Zhu, Y., Yu, J., Brecht, J. K., Jiang, T., & Zheng, X. (2016). Pre-harvest application of oxalic acid increases quality and resistance to *Penicillium expansum* in kiwifruit during postharvest storage. *Food Chemistry*, 190, 537-543. doi:10.1016/j.foodchem.2015.06.001
- Zotarelli, L., Rens, L. R., Cantliffe, D. J., Stoffella, P. J., Gergela, D., & Burhans, D. (2015). Rate and timing of nitrogen fertilizer application on potato 'FL1867'. Part I: Plant nitrogen uptake and soil nitrogen availability. *Field Crops Research*, 183, 246-256. doi:10.1016/j.fcr.2015.08.007

III. Animals and Their Systems

- Abboud, G., Tahiliani, V., Desai, P., Varkoly, K., Driver, J., Hutchinson, T. E., & Salek-Ardakani, S. (2015). Natural killer cells and innate IFN- γ participate in host defense against respiratory vaccinia virus infection. *Journal of Virology*, 90(1), 129-141. doi:10.1128/JVI.01894-1598
- Aguiar, A. D., Vendramini, J. M. B., Arthington, J. D., Sollenberger, L. E., Caputti, G., Sanchez, J. M. D., . . . & da Silva, W. L. (2015). Limited creep-feeding supplementation effects on performance of beef cows and calves grazing limpograss pastures. *Livestock Science*, 180, 129-133. doi:10.1016/j.livsci.2015.08.008
- Aguiar, A. D., Vendramini, J. M. B., Arthington, J. D., Sollenberger, L. E., DiLorenzo, N., & Hersom, M. J. (2015). Performance of beef cows and calves fed different sources of rumen-degradable protein when grazing stockpiled limpograss pastures. *Journal of Animal Science*, 93(4), 1923-1932. doi:10.2527/jas2014-8599
- Alava, E., Newman, Y., Sollenberger, L., Staples, C., Ortega, L., Baseggio, M., . . . & Garcia, M. (2015). Rotational stocking of tifton 85 bermudagrass and supplementation level effects on performance of replacement dairy heifers. *Agronomy Journal*, 107(1), 388-394. doi:10.2134/agronj14.0376
- Anton, S. D., Woods, A. J., Ashizawa, T., Barb, D., Buford, T. W., Carter, C. S., . . . & Pahor, M. (2015). Successful aging: Advancing the science of physical independence in older adults. *Ageing Research Reviews*, 24(Pt B), 304-327. doi:10.1016/j.arr.2015.09.005
- Arriola, K. G., Queiroz, O. C., Romero, J. J., Casper, D., Muniz, E., Hamie, J., & Adesogan, A. T. (2015). Effect of microbial inoculants on the quality and aerobic stability of bermudagrass round-bale haylage. *Journal of Dairy Science*, 98(1), 478-485. doi:10.3168/jds.2014-8411

- Bentley, P., Wall, E., Dahl, G., & McFadden, T. (2015). Responses of the mammary transcriptome of dairy cows to altered photoperiod during late gestation. *Physiological Genomics*, 47(10), 488-499. doi:10.1152/physiolgenomics.00112.2014
- Benzaquen, M., Galvão, K. N., Coleman, A. E., Santos, J. E., Goff, J. P., & Risco, C. A. (2015). Effect of oral mineral and energy supplementation on blood mineral concentrations, energetic and inflammatory profile, and milk yield in dairy cows affected with dystocia. *The Veterinary Journal*, 204(2), 186-191. doi:10.1016/j.tvjl.2015.03.001
- Bisinotto, R. S., Castro, L. O., Pansani, M. B., Narciso, C. D., Martinez, N., Sinedino, L. D., . . . & Santos, J. E. (2015). Progesterone supplementation to lactating dairy cows without a corpus luteum at initiation of the Ovsynch protocol. *Journal of Dairy Science*, 98(4), 2515-2528. doi:10.3168/jds.2014-9058
- Bisinotto, R. S., Lean, I. J., Thatcher, W. W., & Santos, J. E. (2015). Meta-analysis of progesterone supplementation during timed artificial insemination programs in dairy cows. *Journal of Dairy Science*, 98(4), 2472-2487. doi:10.3168/jds.2014-8954
- Bisinotto, R. S., Pansani, M. B., Castro, L. O., Narciso, C. D., Sinedino, L. D., Martinez, N., . . . & Santos, J. E. (2015). Effect of progesterone supplementation on fertility responses of lactating dairy cows with corpus luteum at the initiation of the Ovsynch protocol. *Theriogenology*, 83(2), 257-265. doi:10.1016/j.theriogenology.2014.09.021
- Bromfield, J. J., Santos, J. E., Block, J., Williams, R. S., & Sheldon, I. M. (2015). Physiology and endocrinology symposium: Uterine infection: linking infection and innate immunity with infertility in the high-producing dairy cow. *Journal of Animal Science*, 93(5), 2021-2033. doi:10.2527/jas.2014-8496
- Buchanan, J. W., Reecy, J. M., Garrick, D. J., Duan, Q., Beitz, D. C., & Mateescu, R. G. (2015). Genetic parameters and genetic correlations among triacylglycerol and phospholipid fractions in Angus cattle. *Journal of Animal Science*, 93(2), 522-528. doi:10.2527/jas2014-8418
- Ceconi, I., Ruiz-Moreno, M. J., DiLorenzo, N., DiCostanzo, A., & Crawford, G. I. (2015). Effect of slow-release urea inclusion in diets containing modified corn distillers grains on total tract digestibility and ruminal fermentation in feedlot cattle. *Journal of Animal Science*, 93(8), 4058-4069. doi:10.2527/jas2014-8299
- Ceconi, I., Ruiz-Moreno, M. J., DiLorenzo, N., DiCostanzo, A., & Crawford, G. I. (2015). Effect of urea inclusion in diets containing corn dried distillers grains on feedlot cattle performance, carcass characteristics, ruminal fermentation, total tract digestibility, and purine derivatives-to-creatinine index. *Journal of Animal Science*, 93(1), 357-369. doi:10.2527/jas2014-8214
- Ciriaco, F. M., Henry, D. D., Mercadante, V. R. G., Schulmeister, T., Ruiz-Moreno, M., Lamb, G. C., & DiLorenzo, N. (2015). Effects of different levels of supplementation of a 50:50 mixture of molasses: Crude glycerol on performance, bermuda grass hay intake, and nutrient digestibility of beef cattle. *Journal of Animal Science*, 93(5), 2428-2438. doi:10.2527/jas2015-8888
- Crawford, H. M., Morin, D. E., Wall, E. H., McFadden, T. B., & Dahl, G. E. (2015). Evidence for a role of prolactin in mediating effects of photoperiod during the dry period. *Animals*, 5(3), 803-820. doi:10.3390/ani5030385
- Davis, K. M., Smith, T., Bolt, B., Meadows, S., Powell, J. G., Vann, R. C., . . . & Riley, D. G. (2015). Technical note: Digital quantification of eye pigmentation of cattle with white faces. *Journal of Animal Science*, 93(7), 3654-3660. doi:10.2527/jas2014-8786

- Dayaram, A., Piasecki, T., Chrzęstek, K., White, R., Julian, L., van Bysterveldt, K., & Varsani, A. (2015). Avian polyomavirus genome sequences recovered from parrots in captive breeding facilities in Poland. *Genome Announcements*, 3(5), e00986-00915. doi:10.1128/genomeA.00986-15
- Denicol, A. C., Leão, B. C., Dobbs, K. B., Mingoti, G. Z., & Hansen, P. J. (2015). Influence of sex on basal and dickkopf-1 regulated gene expression in the bovine morula. *PLoS ONE*, 10(7), e0133587. doi:10.1371/journal.pone.0133587
- Denton, B. L., Diese, D. E., Firkins, J. L., & Hackmann, T. J. (2015). Accumulation of reserve carbohydrate by protozoa and bacteria in competition for glucose. *Applied Environmental Microbiology*, 81(5), 1832-1838. doi:10.1128/AEM.03736-14
- Dikmen, S., Wang, X. Z., Ortega, M. S., Cole, J. B., Null, D. J., & Hansen, P. J. (2015). Single nucleotide polymorphisms associated with thermoregulation in lactating dairy cows exposed to heat stress. *Journal of Animal Breeding and Genetics*, 132(6), 409-419. doi:10.1111/jbg.12176
- Elzo, M. A., Thomas, M. G., Johnson, D. D., Martinez, C. A., Lamb, G. C., Rae, D. O. . . . & Driver, J. D. (2015). Genetic parameters and predictions for direct and maternal growth traits in a multibreed Angus-Brahman cattle population using genomic-polygenic and polygenic models. *Livestock Science*, 178, 43-51. doi:10.1016/j.livsci.2015.06.015
- Elzo, M. A., Thomas, M. G., Martinez, C. A., Lamb, G. C., Johnson, D. D., Misztal, I., . . . & Driver, J. D. (2015). Genomic-polygenic evaluation of multibreed Angus-Brahman cattle for postweaning ultrasound and weight traits with actual and imputed Illumina50k SNP genotypes. *Livestock Science*, 175, 18-26. doi:10.1016/j.livsci.2015.03.002
- England, E. M., Matarneh, S. K., Scheffler, T. L., Wachet, C., & Gerrard, D. E. (2015). Altered AMP deaminase activity may extend postmortem glycolysis. *Meat Science*, 102, 8-14. doi:10.1016/j.meatsci.2014.11.009
- Esterman, R. D., Alava, E. N., Austin, B. R., Hersom, M. J., & Yelich, J. V. (2015). Select synch and co-synch protocols using a cidr yield similar pregnancy rates after a fixed-time insemination in suckled *Bos indicus* × *Bos taurus* cows. *Theriogenology*, 85(5), 870-876. doi:10.1016/j.theriogenology.2015.10.035
- Fang, L., Wolmarans, B., Kang, M., Jeong, K., & Wright, A. (2015). Application of chitosan microparticles for reduction of vibrio species in seawater and live oysters (*Crassostrea virginica*). *Applied and Environmental Microbiology*, 81(2), 640-647. doi:10.1128/AEM.02856-14
- Ferreira, F. C., & De Vries, A. (2015). Effects of season and herd milk volume on somatic cell counts of Florida dairy farms. *Journal of Dairy Science*, 98(6), 4182-4197. doi:10.3168/jds.2014-8695
- Funderburk, C., Funderburk, J., Tyler-Julian, K., Srivastava, M., Knox, G., Andersen, P., & Adkins, S. (2015). Population dynamics of *Frankliniella bispinosa* (Thysanoptera: Thripidae) and the predator *Orius insidiosus* (Hemiptera: Anthracoridae) as influenced by flower color of *Lagerstroemia* (Lythraceae). *Environmental Entomology*, 44(3), 668-679. doi:10.1093/ee/nvv057
- Gaievski, F. R., Lamb, G. C., Weiss, R. R., Bertol, M. A. F., Segui, M. S., Abreu, A. C. M. R., & Kozicki, L. E. (2015). Gonadotropin releasing hormone (GnRH) and equine chorionic gonadotropin (ECG) improve the pregnancy rate on protocols for timed-artificial insemination in beef cattle. *Veterinaria e Zootecnia*, 22(3), 471-480. <http://www.fmvz.unesp.br/rvz/index.php/rvz/article/view/881/648>

- Garcia, M., Shin, J. H., Schlaefli, A., Greco, L. F., Maunsell, F. P., Santos, J. E., . . . & Thatcher, W. W. (2015). Increasing intake of essential fatty acids from milk replacer benefits performance, immune responses, and health of preweaned Holstein calves. *Journal of Dairy Science*, 98(1), 458-477. doi:10.3168/jds.2014-8384
- Greco, L. F., Neto, J. T., Pedrico, A., Ferrazza, R. A., Lima, F. S., Bisinotto, R. S., . . . & Santos, J. E. (2015). Effects of altering the ratio of dietary n-6 to n-3 fatty acids on performance and inflammatory responses to a lipopolysaccharide challenge in lactating Holstein cows. *Journal of Dairy Science*, 98(1), 602-617. doi:10.3168/jds.2014-8805
- Greter, A., Miller-Cushon, E., McBride, B., Widowski, T., Duffield, T., & DeVries, T. (2015). Short communication: Limit feeding affects behavior patterns and feeding motivation of dairy heifers. *Journal of Dairy Science*, 98(2), 1248-1254. doi:10.3168/jds.2014-8879.
- Gruber, H., Wessels, W., Boynton, P., Xu, J., Wohlgemuth, S., Leeuwenburgh, C., . . . & Philipp, E. E. (2015). Age-related cellular changes in the long-lived bivalve *A. islandica*. *Age*, 37(5), 90. doi:10.1007/s11357-015-9831-8
- Gusdon, A. M., Fernandez-Bueno, G. A., Wohlgemuth, S., Fernandez, J., Chen, J., & Mathews, C. E. (2015). Respiration and substrate transport rates as well as reactive oxygen species production distinguish mitochondria from brain and liver. *BMC Biochemistry*, 16, 22. doi:10.1186/s12858-015-0051-8
- Hackmann, T. J., & Firkins, J. L. (2015). Electron transport phosphorylation in rumen butyrovibrios: unprecedented ATP yield for glucose fermentation to butyrate. *Frontiers in Microbiology*, 6, 622. doi:10.3389/fmicb.2015.00622
- Hackmann, T. J., & Firkins, J. L. (2015). Maximizing efficiency of rumen microbial protein production. *Frontiers in Microbiology*, 6, 465. doi:10.3389/fmicb.2015.00465
- He, C., Yu, C.-R., Sun, L., Mahdi, R. M., Larkin, J., & Egwuagu, C. E. (2015). Topical administration of a suppressor of cytokine signaling-1 (SOCS1) mimetic peptide inhibits ocular inflammation and mitigates ocular pathology during mouse uveitis. *Journal of Autoimmunity*, 62, 31-38. doi:10.1016/j.jaut.2015.05.011
- Henry, D. D., Ruiz-Moreno, M., Ciriaco, F. M., Kohmann, M., Mercadante, V. R. G., Lamb, G. C., & DiLorenzo, N. (2015). Effects of chitosan on nutrient digestibility, methane emissions, and in vitro fermentation in beef cattle. *Journal of Animal Science*, 93(7), 3539-3550. doi:10.2527/jas2014-8844
- Hersom, M., Imler, A., Thrift, T., Yelich, J., & Arthington, J. (2015). Comparison of feed additive technologies for preconditioning of weaned beef calves. *Journal of Animal Science*, 93(6), 3169-3178. doi:10.2527/jas2014-8689
- Holl, H. M., Brooks, S. A., Archer, S., Brown, K., Malvick, J., Penedo, M. C., & Bellone, R. R. (2015). Variant in the RFWD3 gene associated with PATN1, a modifier of leopard complex spotting. *Animal Genetics*, 47(1), 91-101. doi:10.1111/age.12375
- Holl, H. M., Gao, S., Fei, Z., Andrews, C., & Brooks, S. A. (2015). Generation of a de novo transcriptome from equine lamellar tissue. *BMC Genomics*, 16(1), 739. doi:10.1186/s12864-015-1948-8
- Jattawa, D., Elzo, M.A., Koonawootrittriron, S. & Suwanasopee, T. (2015). Comparison of genetic evaluations for milk yield and fat yield using a polygenic model and three genomic-polygenic models with different sets of SNP genotypes in Thai multibreed dairy cattle. *Livestock Science*, 181, 58-64. doi:10.1016/j.livsci.2015.10.008

- Jattawa, D., Elzo, M.A., Koonawootrittriron, S. & Suwanasopee, T. (2015). Imputation accuracy from low to moderate density single nucleotide polymorphism chips in a Thai multibreed dairy cattle population. *Asian-Australasian Journal of Animal Science*. doi:10.5713/ajas.15.0291
- Jeon, S., Vieira-Neto, A., Gobikrushanth, M., Daetz, R., Mingoti, R., Parize, A., . . . & Galvao, K. (2015). Uterine microbiota progression from calving until establishment of metritis in dairy cows. *Applied and Environmental Microbiology*, 81(18), 6324-6332. doi:10.1128/AEM.01753-15
- Jeong, K., Sexton, J., & Vogel, J. (2015). Spatiotemporal regulation of a *Legionella pneumophila* T4SS substrate by the Metaeffector SidJ. *PLoS Pathogens*, 11(3). doi:10.1371/journal.ppat.1004695
- Jeong, K., Sutherland, M., & Vogel, J. (2015). Novel export control of a *Legionella* Dot/Icm substrate is mediated by dual, independent signal sequences. *Molecular Microbiology*, 96(1), 175-188. doi:10.1111/mmi.12928
- Jiang, Q.-X., Zheng, H., & Llaguno, M. (2015). Structural studies of IP3R by cryoem. *Biophysical Journal*, 108(2), 340A-341A. doi:10.1016/j.bpj.2014.11.1866
- Kannampuzha-Francis, J., Denicol, A. C., Loureiro, B., Kaniyamattam, K., Ortega, M. S., & Hansen, P. J. (2015). Exposure to colony stimulating factor 2 during preimplantation development increases postnatal growth in cattle. *Molecular Reproduction Development*, 82(11), 892-897. doi:10.1002/mrd.22533
- Kim, D. H., Lee, H. J., Amanullah, S. M., Adesogan, A. T., & Kim, S. C. (2015). Effects of dietary n-6/n-3 fatty acid ratio on nutrient digestibility and blood metabolites of Hanwoo heifers. *Animal Science Journal*, 87(1), 46-53. doi:10.1111/asj.12401
- Laodim, T., Koonawootrittriron, S., Suwanasopee, T., & Elzo, M. A. (2015). Genome-wide linkage disequilibrium in a Thai multibreed dairy population. *Livestock Science*, 180, 27-33.
- Laporta, J., & Hernandez, L. L. (2015). Serotonin receptor expression is dynamic in the liver during the transition period in Holstein dairy cows. *Domestic Animal Endocrinology*, 51, 65-73. doi:10.1016/j.domaniend.2014.11.005
- Laporta, J., Moore, S. A., Weaver, S. R., Cronick, C. M., Olsen, M., Prichard, A. P., . . . & Hernandez, L. L. (2015). Increasing serotonin concentrations alter calcium and energy metabolism in dairy cows. *Journal of Endocrinology*, 226(1), 43-55. doi:10.1530/JOE-14-0693
- Laporta, J., Peñagaricano, F., & Hernandez, L. L. (2015). Transcriptomic analysis of the mouse mammary gland reveals new insights for the role of serotonin in lactation. *PLoS ONE*, 10(10), e0140425. doi:10.1371/journal.pone.0140425
- Lewis, A. M., Matzdorf, S. S., Endres, J. L., Windham, I. H., Bayles, K. W., & Rice, K. C. (2015). Examination of the staphylococcus aureus nitric oxide reductase (saNOR) reveals its contribution to modulating intracellular NO levels and cellular respiration. *Molecular Microbiology*, 96(3), 651-669. doi:10.1111/mmi.12962
- Lewis, M. W., Brant, J. O., Kramer, J. M., Moss, J. I., Yang, T. P., Hansen, P. J., . . . & Resnick, J. L. (2015). Angelman syndrome imprinting center encodes a transcriptional promoter. *Proceedings of the National Academy of Sciences of the United States of America*, 112(22), 6871-6875. doi:10.1073/pnas.1411261111
- Lima, F. S., Greco, L. F., Bisinotto, R. S., Ribeiro, E. S., Martinez, N. M., Thatcher, W. W., . . . & Galvão, K. N. (2015). Effects of intrauterine infusion of *Trueperella pyogenes* on endometrial mRNA expression of

proinflammatory cytokines and luteolytic cascade genes and their association with luteal life span in dairy cows. *Theriogenology*, 84(8), 1263-1272. doi:10.1016/j.theriogenology.2015.07.004

Lu, Y., Vandehaar, M., Spurlock, D., Weigel, K., Armentano, L., Staples, C., . . . & Tempelman, R. (2015). An alternative approach to modeling genetic merit of feed efficiency in dairy cattle. *Journal of Dairy Science*, 98(9), 6535-6551. doi:10.3168/jds.2015-9414

Lukas, J. M., Reneau, J. K., Wallace, R. L., & De Vries, A. (2015). A study of methods for evaluating the success of the transition period in early-lactation dairy cows. *Journal of Dairy Science*, 98(1), 250-262. doi:10.3168/jds.2014-8522

Machtinger, E. T., Geden, C. J., Kaufman, P. E., & House, A. M. (2015). Use of pupal parasitoids as biological control agents of filth flies on equine facilities. *Journal of Integrated Pest Management*, 6(1). doi:10.1093/jipm/pmv015

Martinez, C. A., Khare, K., & Elzo, M. A. (2015). On the Bayesness, minimaxity and admissibility of point estimators of allelic frequencies. *Journal of Theoretical Biology*, 383, 106-115. doi:10.1016/j.jtbi.2015.07.031

Matarneh, S. K., England, E. M., Scheffler, T. L., Oliver, E. M., & Gerrard, D. E. (2015). Net lactate accumulation and low buffering capacity explain low ultimate pH in the longissimus lumborum of AMPK γ 3 R200Q mutant pigs. *Meat Science*, 110, 189-195. doi:10.1016/j.meatsci.2015.07.023

Mateescu, R. G., Garrick, D. J., Garmyn, A. J., VanOverbeke, D. L., Mafi, G. G., & Reecy, J. M. (2015). Genetic parameters for sensory traits in longissimus muscle and their associations with tenderness, marbling score, and intramuscular fat in Angus cattle. *Journal of Animal Science*, 93(1), 21-27. doi:10.2527/jas2014-8405

Mercadante, V. R. G., Kozicki, L. E., Ciriaco, F. M., Henry, D. D., Dahlen, C. R., Crosswhite, M. R., . . . & Lamb, G. C. (2015). Effects of administration of prostaglandin F-2 alpha at initiation of the seven-day CO-Synch plus controlled internal drug release ovulation synchronization protocol for suckled beef cows and replacement beef heifers. *Journal of Animal Science*, 93(11), 5204-5213. doi:10.2527/jas2015-8967

Mercadante, V. R. G., Waters, K. M., Marquezini, G. H. L., Henry, D. D., Ciriaco, F. M., Arthington, J. D., . . . & Lamb, G. C. (2015). Effects of anti-phospholipase A(2) antibody supplementation on dry matter intake feed efficiency, acute phase response, and blood differentials of steers fed forage- and grain-based diets. *Journal of Animal Science*, 93(2), 776-785. doi:10.2527/jas2014-7958

Mercadante, V. R. G., Waters, K. M., Marquezini, G. H. L., Henry, D. D., Ciriaco, F. M., Arthington, J. D., . . . & Lamb, G. C. (2015). Inclusion of anti-phospholipase A(2) antibody to backgrounding diets on performance, feed efficiency, in vitro fermentation, and the acute-phase response of growing beef calves. *Journal of Animal Science*, 93(1), 414-424. doi:10.2527/jas2014-7957

Merriman, K. E., Kweh, M. F., Powell, J. L., Lippolis, J. D., & Nelson, C. D. (2015). Multiple β -defensin genes are upregulated by the vitamin D pathway in cattle. *Journal of Steroid Biochemistry and Molecular Biology*, 154, 120-129. doi:10.1016/j.jsbmb.2015.08.002

Mesa, A. M., Warren, L. K., Sheehan, J. M., Kelley, D. E., & Mortensen, C. J. (2015). L-Arginine supplementation 0.5% of diet during the last 90 days of gestation and 14 days postpartum reduced uterine fluid accumulation in the broodmare. *Animal Reproductive Science*, 159, 46-51. doi:10.1016/j.anireprosci.2015.05.011

Millen, D. D., Pacheco, R. D. L., DiLorenzo, N., Martins, C. L., Marino, C. T., Bastos, J. P. S. T., . . . & Arrigoni, M. D. B. (2015). Effects of feeding a spray-dried multivalent polyclonal antibody preparation on feedlot

- performance, feeding behavior, carcass characteristics, rumenitis, and blood gas profile of Brangus and Nellore yearling bulls. *Journal of Animal Science*, 93(9), 4387-4400. doi:10.2527/jas2015-9227
- Miller-Cushon, E. K., & DeVries, T. J. (2015). Invited review: Development and expression of dairy calf feeding behaviour. *Canadian Journal of Animal Science*, 95(3), 341-350. doi:10.4141/cjas-2014-163
- Miller-Cushon, E., Vogel, J., & DeVries, T. (2015). Short communication: Feed sorting of dairy heifers is influenced by method of dietary transition. *Journal of Dairy Science*, 98(4), 2687-2692. doi:10.3168/jds.2014-8782
- Mir, R., Weppelmann, T., Kang, M., Bliss, T., DiLorenzo, N., Lamb, G., . . . & Jeong, K. (2015). Association between animal age and the prevalence of Shiga toxin-producing *Escherichia coli* in a cohort of beef cattle. *Veterinary Microbiology*, 175(2-4), 325-331. doi:10.1016/j.vetmic.2014.12.016
- Moore, S. A., Laporta, J., Crenshaw, T. D., & Hernandez, L. L. (2015). Patterns of circulating serotonin and related metabolites in multiparous dairy cows in the peripartum period. *Journal of Dairy Science*, 98(6), 3754-3765. doi:10.3168/jds.2014-8841
- Morin-Adeline, V., Mueller, K., Conesa, A., & Slapeta, J. (2015). Comparative RNA-seq analysis of the *trichomonas foetus* PIG30/1 isolate from pigs reveals close association with *trichomonas foetus* BP-4 isolate 'bovine genotype'. *Veterinary Parasitology*, 212(3-4), 111-117. doi:10.1016/j.vetpar.2015.08.012
- Morota, G., Penagaricano, F., Petersen, J. L., Ciobanu, D. C., Tsuyuzaki, K., & Nikaido, I. (2015). An application of MeSH enrichment analysis in livestock. *Animal Genetics*, 46(4), 381-387. doi:10.1111/age.12307
- Mpeketula-Soko, M., Williams, S. K., Adesogan, A. T., & Dahl, G. E. (2015). Quality attributes and reduction in total microbial population of fresh Malawian Tilapia (*Oreochromis* species) treated with dried buffered vinegar and stored on ice. *Direct Research Journal of Agriculture and Food Science*, 3(2), 30-37. <http://directresearchpublisher.org/abstract/mpeketula-soko-et-al-february-2015/>
- Olivares-Perez, J., Kholif, A. E., Rojas-Hernandez, S., Mohamed Yasseen Elghandour, M. M., Mohamed Salem, A. Z., Zaragoza Bastida, A., . . . & DiLorenzo, N. (2015). Prevalence of bovine subclinical mastitis, its etiology and diagnosis of antibiotic resistance of dairy farms in four municipalities of a tropical region of Mexico. *Tropical Animal Health and Production*, 47(8), 1497-1504. doi:10.1007/s11250-015-0890-8
- Pacholewicz, E., Liakopoulos, A., Swart, A., Gortemaker, B., Dierikx, C., Havelaar, A., & Schmitt, H. (2015). Reduction of extended-spectrum-beta-lactamase- and AmpC-beta-lactamase-producing *Escherichia coli* through processing in two broiler chicken slaughterhouses. *International Journal of Food Microbiology*, 215, 57-63. doi:10.1016/j.ijfoodmicro.2015.08.010
- Pacholewicz, E., Swart, A., Schipper, M., Gortemaker, B. G., Wagenaar, J. A., Havelaar, A. H., & Lipman, L. J. (2015). A comparison of fluctuations of *Campylobacter* and *Escherichia coli* concentrations on broiler chicken carcasses during processing in two slaughterhouses. *International Journal of Food Microbiology*, 205, 119-127. doi:10.1016/j.ijfoodmicro.2015.04.006
- Patterson, L., Staiger, E. A., & Brooks, S. A. (2015). DMRT3 is associated with gait type in Mangalarga Marchador horses, but does not control gait ability. *Animal Genetics*, 46(2), 213-215. doi:10.1111/age.12273
- Penagaricano, F., Valente, B. D., Steibel, J. P., Bates, R. O., Ernst, C. W., Khatib, H., & Rosa, G. J. M. (2015). Exploring causal networks underlying fat deposition and muscularity in pigs through the integration of phenotypic, genotypic and transcriptomic data. *BMC Systems Biology*, 9, 58. doi:10.1186/s12918-015-0207-6

- Penagaricano, F., Valente, B. D., Steibel, J. P., Bates, R. O., Ernst, C. W., Khatib, H., & Rosa, G. J. M. (2015). Searching for causal networks involving latent variables in complex traits: Application to growth, carcass, and meat quality traits in pigs. *Journal of Animal Science*, 93(10), 4617-4623. doi:10.2527/jas2015-9213
- Pontes, G. C., Monteiro, P. L., Prata, A. B., Guardieiro, M. M., Pinto, D. A., Fernandes, G. O., . . . & Sartori, R. (2015). Effect of injectable vitamin E on incidence of retained fetal membranes and reproductive performance of dairy cows. *Journal of Dairy Science*, 98(4), 2437-2449. doi:10.3168/jds.2014-8886
- Ribeiro, E. S., Gomes, G., Greco, L. F., Cerri, R. L., Vieira-Neto, A., Monteiro, P. L., . . . & Santos, J. E. (2015). Carryover effect of postpartum inflammatory diseases on developmental biology and fertility in lactating dairy cows. *Journal of Dairy Science*. doi:10.3168/jds.2015-10337
- Romero, J. J., Ma, Z. X., Gonzalez, C. F., & Adesogan, A. T. (2015). Effect of adding cofactors to exogenous fibrolytic enzymes on preingestive hydrolysis, in vitro digestibility, and fermentation of bermudagrass haylage. *Journal of Dairy Science*, 98(7), 4659-4672. doi:10.3168/jds.2014-8849
- Romero, J. J., Zarate, M. A., & Adesogan, A. T. (2015). Effect of the dose of exogenous fibrolytic enzyme preparations on preingestive fiber hydrolysis, ruminal fermentation, and in vitro digestibility of bermudagrass haylage. *Journal of Dairy Science*, 98(1), 406-417. doi:10.3168/jds.2014-8285
- Romero, J. J., Zarate, M. A., Arriola, K. G., Gonzalez, C. F., Silva-Sanchez, C., Staples, C. R., & Adesogan, A. T. (2015). Screening exogenous fibrolytic enzyme preparations for improved in vitro digestibility of bermudagrass haylage. *Journal of Dairy Science*, 98(4), 2555-2567. doi:10.3168/jds.2014-8059
- Salem, A. Z. M., & DiLorenzo, N. (2015). Direct-fed microbial: Animal nutrition and reproduction responses. *Journal of Integrative Agriculture*, 14(3), 494-496. doi:10.1016/S2095-3119(14)60956-4
- Sawhney, N., Crooks, C., John, F. S., & Preston, J. F. (2015). Transcriptomic analysis of xylan utilization systems in *paenibacillus* sp strain JDR-2. *Applied and Environmental Microbiology*, 81(4), 1490-1501. doi:10.1128/aem.03523-14
- Scheffler, T. L., Matarneh, S. K., England, E. M., & Gerrard, D. E. (2015). Mitochondria influence postmortem metabolism and pH in an in vitro model. *Meat Science*, 110, 118-125. doi:10.1016/j.meatsci.2015.07.007
- Shonka, B., Tao, S., Dahl, G., & Spurlock, D. (2015). Genetic regulation of prepartum dry matter intake in Holstein cows. *Journal of Dairy Science*, 98(11), 8195-8200. doi:10.3168/jds.2015-9675
- Silva, T. V., Lima, F. S., Thatcher, W. W., & Santos, J. E. (2015). Synchronized ovulation for first insemination improves reproductive performance and reduces cost per pregnancy in dairy heifers. *Journal of Dairy Science*, 98(11), 7810-7822. doi:10.3168/jds.2015-9704
- Spanier, J. A., Nashold, F. E., Mayne, C. G., Nelson, C. D., & Hayes, C. E. (2015). Vitamin D and estrogen synergy in Vdr-expressing CD4(+) T cells is essential to induce Helios(+)FoxP3(+) T cells and prevent autoimmune demyelinating disease. *Journal of Neuroimmunology*, 286, 48-58. doi:10.1016/j.jneuroim.2015.06.015
- Stevenson, J. S., Hill, S. L., Bridges, G. A., Larson, J. E., & Lamb, G. C. (2015). Progesterone status, parity, body condition, and days postpartum before estrus or ovulation synchronization in suckled beef cattle influence artificial insemination pregnancy outcomes. *Journal of Animal Science*, 93(5), 2111-2123. doi:10.2527/jas2014-8391

- Strong, C. M., Brendemuhl, J. H., Johnson, D. D., & Carr, C. C. (2015). The effect of elevated dietary citrus pulp on the growth, feed efficiency, carcass merit, and lean quality of finishing pigs. *The Professional Animal Scientist*, 31(3), 191-200. doi:10.15232/pas.2014-01351
- Tejeda-Arroyo, E., Cipriano-Salazar, M., Miguel Camacho-Diaz, L., Mohamed Salem, A. Z., Kholif, A. E., Yasseen Elghandour, M. M. M., . . . & Cruz-Lagunas, B. (2015). Diet inclusion of devil fish (*Plecostomus* spp.) silage and its impacts on ruminal fermentation and growth performance of growing lambs in hot regions of Mexico. *Tropical Animal Health and Production*, 47(5), 861-866. doi:10.1007/s11250-015-0800-0
- Tempelman, R., Spurlock, D., Coffey, M., Veerkamp, R., Armentano, L., Weigel, K., . . . & VandeHaar, M. (2015). Heterogeneity in genetic and nongenetic variation and energy sink relationships for residual feed intake across research stations and countries. *Journal of Dairy Science*, 98(3), 2013-2026. doi:10.3168/jds.2014-8510
- Vakulskas, C. A., Potts, A. H., Babitzke, P., Ahmer, B. M. M., & Romeo, T. (2015). Regulation of bacterial virulence by Csr (Rsm) systems. *Microbiology and Molecular Biology Reviews*, 79(2), 193-224. doi:10.1128/mnbr.00052-14
- Valente, B. D., Morota, G., Penagaricano, F., Gianola, D., Weigel, K., & Rosa, G. J. M. (2015). The causal meaning of genomic predictors and how it affects construction and comparison of genome-enabled selection models. *Genetics*, 200(2), 483-494. doi:10.1534/genetics.114.169490
- Vendramini, J. M. B., Sanchez, J. M. D., Cooke, R. F., Aguiar, A. D., Moriel, P., da Silva, W. L., . . . & Pereira, A. C. (2015). Stocking rate and monensin supplemental level effects on growth performance of beef cattle consuming warm-season grasses. *Journal of Animal Science*, 93(7), 3682-3689. doi:10.2527/jas2015-8913
- Vercouteren, M. M., Bittar, J. H., Pinedo, P. J., Risco, C. A., Santos, J. E., Vieira-Neto, A., & Galvão, K. N. (2015). Factors associated with early cyclicity in postpartum dairy cows. *Journal of Dairy Science*, 98(1), 229-239. doi:10.3168/jds.2014-8460
- Wang, J., G. Li, M. A. Elzo, L. Yan, S. Chen, X. Jia, and S. Lai. (2015). A novel single nucleotide polymorphism of the POU1F1 gene associated with meat quality traits in rabbits. *Annals of Animal Science*, 15, 611-620. doi:10.1515/aoas-2015-0015
- Waters, K. M., Black, T. E., Mercadante, V. R. G., Marquezini, G. H. L., DiLorenzo, N., Myer, R. O., . . . & Lamb, G. C. (2015). Effects of feeding perennial peanut hay on growth, development, attainment of puberty, and fertility in beef replacement heifers. *The Professional Animal Scientist*, 31(1), 40-49. doi:10.15232/pas.2014-01332
- Weaver, S. R., Cronick, C. M., Prichard, A. P., Laporta, J., Benevenga, N. J., & Hernandez, L. L. (2015). Use of the RatLoft decreases pup mortality in lactating mice. *Laboratory Animals*. doi:10.1177/0023677215617388
- Yan, L., X. Fang, Y. Liu, M. A. Elzo, V. Zhang, and H. Chen. (2015). Exploring the genetic variant of insulin-like growth factor II (IGF-II) gene and its association with two production traits in Langshan Chicken. *Journal of Applied Animal Research*. doi:10.1080/09712119.2015.1124328
- Yanez, Y., Grau, E., Rodriguez-Cortez, V. C., Hervas, D., Vidal, E., Noguera, R., . . . & Castel, V. (2015). Two independent epigenetic biomarkers predict survival in neuroblastoma. *Clinical Epigenetics*, 7. doi:10.1186/s13148-015-0054-8
- Yang, G., Artiaga, B. L., Hackmann, T. J., Samuel, M. S., Walters, E. M., Salek-Ardakani, S., & Driver, J. P. (2015). Targeted disruption of CD1d prevents NKT cell development in pigs. *Mammalian Genome*, 26(5-6), 264-270. doi:10.1007/s00335-015-9564-0

Zere, T. R., Vakulskas, C. A., Leng, Y., Pannuri, A., Potts, A. H., Dias, R., . . . & Romeo, T. (2015). Genomic targets and features of BarA-UvrY (-SirA) signal transduction systems. *PLoS ONE*, 10(12). doi:10.1371/journal.pone.0145035

IV. Agricultural, Natural Resource, and Biological Engineering

Abdellatief, A., Welt, B. A., Butler, J., McLamore, E., Teixeira, A., & Shukla, S. (2015). Predictive modeling of oxygen transmission through micro-perforations for packaging applications. *Journal of Applied Packaging Research*, 7(2), 1. doi:10.14448/japr.04.0001

Balderacchi, M., Perego, A., Lazzari, G., Muñoz-Carpena, R., Acutis, M., Laini, A., . . . & Trevisan, M. (2016). Avoiding social traps in the ecosystem stewardship: The Italian Fontanile lowland spring. *Science of the Total Environment*, 539, 526-535. doi:10.1016/j.scitotenv.2015.09.029

Barnes, G., & Volkman, W. (2015). High-resolution mapping with unmanned aerial systems. *Surveying and Land Information Science*, 74(1), 5-13.

Barret, C. E., Zotarelli, L., Paranhos, L., Taylor, B. S., Dittmar, P., Fraise, C. W., & VanSickle, J. (2015). Optimum planting configuration for high population plasticulture grown cabbage. *HortScience*, 50(10), 1472-1478. <http://hortsci.ashspublications.org/content/50/10/1472.abstract>

Burrs, S. L., Vanegas, D. C., Rong, Y., Bhargava, M., Mechulan, N., Hendershot, P., . . . & McLamore, E. S. (2015). A comparative study of graphene-hydrogel hybrid bionanocomposites for biosensing. *Analyst*, 140(6), 2044-2044. doi:10.1039/c5an90016f

Buxy, S., & Pullammanappallil, P. (2015). Effects of different types of storage and size reduction on biomethane potential of sugarbeets. *International Sugar Journal*, 117(1397), 362-369.

Chakrabarti, S., Bongiovanni, T., Judge, J., Nagarajan, K., & Principe, J. C. (2015). Downscaling satellite-based soil moisture in heterogeneous regions using high-resolution remote sensing products and information theory: A synthetic study. *IEEE Transactions on Geoscience and Remote Sensing*, 53(1), 85-101. doi:10.1109/tgrs.2014.2318699

Chen, H., Gao, B., & Li, H. (2015). Removal of sulfamethoxazole and ciprofloxacin from aqueous solutions by graphene oxide. *Journal of Hazardous Materials*, 282, 201-207. doi:10.1016/j.jhazmat.2014.03.06

Choi, D., Lee, W. S., Ehsani, R., & Roka, F. M. (2015). A machine vision system for quantification of citrus fruit dropped on the ground under the canopy. *Transactions of the ASABE*, 58(4), 933-946. doi:10.13031/trans.58.10688

Davis, S. L., & Dukes, M. D. (2015). Methodologies for successful implementation of smart irrigation controllers. *Journal of Irrigation and Drainage Engineering*, 141(3). doi:10.1061/(asce)ir.1943-4774.0000804

De, M., & Toor, G. S. (2015). Fate of effluent-borne nitrogen in the mounded drainfield of on onsite wastewater treatment system. *Vadose Zone Journal*, 14(12). doi:10.2136/vzj2015.07.0096

Diaz, R., Romero, S., Roda, A., Mannion, C., & Overholt, W. A. (2015). Diversity of arthropods associated with *Mikania* spp. and *Chromolaena odorata* (Asterales: Asteraceae: Eupatorieae) in Florida. *Florida Entomologist*, 98(1), 389-393. doi:10.1653/024.098.0168

- Dong, J., Steele-Dunne, S. C., Judge, J., & van de Giesen, N. (2015). A particle batch smoother for soil moisture estimation using soil temperature observations. *Advances in Water Resources*, 83, 111-122. doi:10.1016/j.advwatres.2015.05.017
- Dong, X., Muneeppeerakul, R., Olden, J., & Lytle, D. (2015). The effect of spatial configuration of habitat capacity on β diversity. *Ecosphere*, 6(11), 1-11. doi:10.1890/ES14-00497.1
- Dourte, D., Fraisse, C. W., & Bartels, W. (2015). Exploring changes in rainfall intensity and seasonal variability in the Southeastern U.S.: Stakeholder engagement, observations, and adaptation. *Climate Risk Management*, 7, 11-19. doi:10.1016/j.crm.2015.02.001
- Dzotsi, K., Basso, B., & Jones, J. (2015). Parameter and uncertainty estimation for maize, peanut and cotton using the SALUS crop model. *Agricultural Systems*, 135, 31-47. doi:10.1016/j.agsy.2014.12.003
- Ebert, T. A., Backus, E. A., Cid, M., Fereres, A., & Rogers, M. E. (2015). A new SAS program for behavioral analysis of electrical penetration graph data. *Computers and Electronics in Agriculture*, 116, 80-87. doi:10.1016/j.compag.2015.06.011
- Evans, M. R., Koeser, A. K., Bi, G., Nambuthiri, S., Geneve, R., Lovell, S. T., & Stewart, J. R. (2015). Impact of biocontainers with and without shuttle trays on water use in the production of a containerized ornamental greenhouse crop. *HortTechnology*, 25(1), 35-41. <http://horttech.ashspublications.org/content/25/1/35.abstract>
- Ewert, F., Rotter, R. P., Bindi, M., Webber, H., Trnka, M., Kersebaum, K. C., . . . & Asseng, S. (2015). Crop modelling for integrated assessment of risk to food production from climate change. *Environmental Modelling & Software*, 72, 287-303. doi:10.1016/j.envsoft.2014.12.003
- Fulcher, A., Cochran, D. R., & Koeser, A. K. (2015). An introduction to the impact of utilizing alternative containers in ornamental crop production systems. *HortTechnology*, 25(1), 6-7.
- Fulcher, A., Farooq, M., Smith, M. L., Li, C.-X., Scott, J. M., Thomson, E., Kaufman, P. E., & Xue, R.-D. (2015). Evaluation of a new spraying machine for barrier treatment and penetration of bifenthrin on vegetation against mosquitoes. *Journal of the American Mosquito Control Association*, 31(1), 85-92. doi:10.2987/14-6424R.1
- Guan, Z., Wu, F., Roka, F., & Whidden, A. (2015). Agricultural labor and immigration reform. *Choices*, 30, (4), 1-9. http://www.choicesmagazine.org/UserFiles/file/cmsarticle_476.pdf
- Gupta, S. K., Ehsani, R., & Kim, N. H. (2015). Optimization of a citrus canopy shaker harvesting system: Properties and modeling of tree limbs. *Transactions of the ASABE*, 58(4), 971-985. doi:10.13031/trans.58.10818
- Hilbers, J., van Langevelde, F., Prins, H., Grant, C., Peel, M., Coughenour, M., . . . & de Boer, W. (2015). Modeling elephant-mediated cascading effects of water point closure. *Ecological Applications*, 25(2), 402-415. doi:10.1890/14-0322.1
- Hoffman, H., Zhao, G., van Bussel, L. G. J., Enders, A., Specka, X., Sosa, C., . . . & Ewert, F. (2015). Variability of effects of spatial climate data aggregation on regional yield simulation by crop models. *Climate Research*, 65, 53-69. doi:10.3354/cr01326

- Hu, X., Ding, Z. H., Zimmerman, A. R., Wang, S. S., & Gao, B. (2015). Batch and column sorption of arsenic onto iron-impregnated biochar synthesized through hydrolysis. *Water Research*, 68, 206-216. doi:10.1016/j.watres.2014.10.009
- Huffaker, R. (2015). Building economic models corresponding to the real world. *Applied Economic Perspectives and Policy*. doi:10.1093/aep/ppv021
- Huffaker, R., & Bittelli, M. (2015). A nonlinear dynamics approach for incorporating wind-speed patterns into wind-power project evaluation. *PLoS ONE*, 10(1), e0115123. doi:10.1371/journal.pone.0115123
- Inyang, M. I., Gao, B., Yao, Y., Xue, Y., Zimmerman, A., Mosa, A., . . . & Cao, X. (2015). A review of biochar as a low-cost adsorbent for aqueous heavy metal removal. *Critical Reviews in Environmental Science and Technology*, 1-28. doi:10.1080/10643389.2015.1096880
- Inyang, M., Gao, B., Zimmerman, A., Zhou, Y. M., & Cao, X. D. (2015). Sorption and cosorption of lead and sulfapyridine on carbon nanotube-modified biochars. *Environmental Science and Pollution Research*, 22(3), 1868-1876. doi:10.1007/s11356-014-2740-z
- Jairam, S., Bucklin, R., Correll, M., Sakthivel, T. S., Seal, S., Truett, J., & Tong, Z. (2016). UV resistance of polystyrene co-butyl acrylate (PSBA) encapsulated lignin-saponite nanohybrid composite film. *Materials & Design*, 90, 151-156. doi:10.1016/j.matdes.2015.10.118
- Kaplan, D., Bachelin, M., Yu, C., Munoz-Carpena, R., Potter, T. L., & Rodriguez-Chacon, W. (2015). A hydrologic tracer study in a small, natural wetland in the humid tropics of Costa Rica. *Wetlands Ecology and Management*, 23(2), 167-182. doi:10.1007/s11273-014-9367-1
- Kassie, B. T., Asseng, S., Rotter, R. P., Hengsdijk, H., Ruane, A. C., & Van Ittersum, M. K. (2015). Exploring climate change impacts and adaptation options for maize production in the Central Rift Valley of Ethiopia using different climate change scenarios and crop models. *Climatic Change*, 129(1-2), 145-158. doi:10.1007/s10584-014-1322-x
- Khare, Y., Muñoz-Carpena, R., Rooney, R., & Martinez, C. (2015). A multi-criteria trajectory-based parameter sampling strategy for the screening method of elementary effects. *Environmental Modelling & Software*, 64, 230-239. doi:10.1016/j.envsoft.2014.11.013
- Kweon, G., Lund, E. D., Maxton, C., Lee, W. S., & Mengel, D. B. (2015). Comparison of soil phosphorus measurements. *Transactions of the ASABE*, 58(2), 405-414. doi:10.13031/trans.58.10903
- Lee, W. S., & Ehsani, R. (2015). Sensing systems for precision agriculture in Florida. *Computers and Electronics in Agriculture*, 112, 2-9. doi:10.1016/j.compag.2014.11.005
- Leitman, S., & Kiker, G. A. (2015). Development and comparison of integrated river/reservoir models in the Apalachicola-Chattoohoe-Flint basin, USA. *Environment Systems and Decisions*, 35(3), 410-423. doi:10.1007/s10669-015-9564-3
- Li, N., Remeikas, C., Xu, Y., Jayasuriya, S., & Ehsani, R. (2015). Task assignment and trajectory planning algorithm for a class of cooperative agricultural robots. *Journal of Dynamic Systems Measurement and Control-Transactions of the ASME*, 137(5). doi:10.1115/1.4028849
- Li, Z., Zeng, J., Tong, Z., Qi, Y., & Gu, L. (2015). Hydrogenolytic depolymerization of procyanidin polymers from hi-tannin sorghum bran. *Food Chemistry*, 188, 337-342. doi:10.1016/j.foodchem.2015.05.021

- Liu, L., Gao, B., Wu, L., Sun, Y. Y., & Zhou, Z. H. (2015). Effects of surfactant type and concentration on graphene retention and transport in saturated porous media. *Chemical Engineering Journal*, 262, 1187-1191. doi:10.1016/j.cej.2014.10.032
- Majd, A., Ashtari, A., Riskowski, G., Mukhtar, S., Zhao, L., & Fang, W. (2015). Electrolyzed water spray scrubber for removing ammonia from air. *Transactions of the ASABE*, 58(4), 1069-1078. doi:10.13031/trans.58.10973
- Makiya, I. K., & Fraisse, C. W. (2015). Sustainability initiatives driving supply chain: Climate governance on beef production system. *Journal of Technology Management and Innovation*, 10(1), 10. <http://www.jotmi.org/index.php/GT/article/view/1636/958>
- Marvasi, M., Durie, I. A., McLamore, E. S., Vanegas, D. C., & Chaturvedi, P. (2015). Salmonella enterica biofilm-mediated dispersal by nitric oxide donors in association with cellulose nanocrystal hydrogels. *AMB Express*, 5, 9. doi:10.1186/s13568-015-0114-7
- Misra, B. B., de Armas, E., Tong, Z., & Chen, S. (2015). Metabolomic responses of guard cells and mesophyll cells to bicarbonate. *PLoS ONE*, 10(12). doi:10.1371/journal.pone.0144206
- Muehlmann, A. M., Bliznyuk, N., Duerr, I., & Lewis, M. H. (2015). Repetitive motor behavior: Further characterization of development and temporal dynamics. *Developmental Psychobiology*, 57(2), 11. doi:10.1002/dev.21279
- Muneepeerakul, R., & Castillo-Chavez, C. (2015). Towards a quantitative science of sustainability. *Bulletin of Mathematical Biology*, 77(2), 254-258. doi:10.1007/s11538-014-0034-8
- Muñoz-Carpena, R., Ritter, A., Fox, G. A., & Perez-Ovilla, O. (2015). Does mechanistic modeling of filter strip pesticide mass balance and degradation processes affect environmental exposure assessments? *Chemosphere*, 139, 410-421. doi:10.1016/j.chemosphere.2015.07.010
- Narh, S., Boote, K. J., Naab, J. B., Jones, J. W., Tillman, B. L., Abudulai, M., . . . & Jordan, D. L. (2015). Genetic improvement of peanut cultivars for West Africa evaluated with the CSM-CROPGRO-Peanut model. *Agronomy Journal*, 107(6), 2213-2229. doi:10.2134/agronj15.0047
- Ok, Y. S., Chang, S. X., Gao, B., & Chung, H. J. (2015). SMART biochar technology — A shifting paradigm towards advanced materials and healthcare research. *Environmental Technology & Innovation*, 4, 206-209. doi:10.1016/j.eti.2015.08.003
- O'Leary, G. J., Christy, B., Nuttall, J., Huth, N., Cammarano, D., Stoeckle, C., . . . & Asseng, S. (2015). Response of wheat growth, grain yield and water use to elevated CO₂ under a Free-Air CO₂ Enrichment (FACE) experiment and modelling in a semi-arid environment. *Global Change Biology*, 21(7), 2670-2686. doi:10.1111/gcb.12830
- Pirttioja, N., Carter, T. R., Fronzek, S., Bindi, M., Hoffmann, H., Palosuo, T., . . . & Kersebaum, K. C. (2015). Temperature and precipitation effects on wheat yield across a European transect: a crop model ensemble analysis using impact response surfaces. *Climate Research*, 65, 87-105. doi:10.3354/cr01322
- Pourreza, A., Lee, W. S., Ehsani, R., Schueller, J. K., & Raveh, E. (2015). An optimum method for real-time in-field detection of Huanglongbing disease using a vision sensor. *Computers and Electronics in Agriculture*, 110, 221-232. doi:10.1016/j.compag.2014.11.021
- Pourreza, A., Lee, W. S., Etxeberria, E., & Banerjee, A. (2015). An evaluation of a vision based sensor performance in Huanglongbing disease identification. *Biosystems Engineering*, 130, 13-22. doi:10.1016/j.biosystemseng.2014.11.013

- Rodarmel, C., Lee, M., Gilbert, J., Wilkinson, B., Theiss, H., Dolloff, J., & O'Neill, C. (2015). The universal Lidar error model. *Photogrammetric Engineering & Remote Sensing*, 81(7), 543-556. doi:10.14358/PERS.81.7
- Rybak, M. R., Boote, K. J., & Jones, J. W. (2015). Growth of individual tomato fruits under assimilate limitation associated with successively-later set fruits. *American Journal of Experimental Agriculture*, 6(2), 60-73. doi:10.9734/ajea/2015/14806
- Saber, M., Lee, W. S., Burks, T. F., Schueller, J. K., Chase, C. A., MacDonald, G. E., & Salvador, G. A. (2015). Performance and evaluation of intra-row weeder ultrasonic plant detection system and pinch-roller weeding mechanism for vegetable crops. *Transactions of the ASABE*. doi:10.13031/aim.20152188868
- Sawisit, A., Jantama, K., Zheng, H., Yomano, L. P., York, S. W., Shanmugam, K. T., & Ingram, L. O. (2015). Mutation in galP improved fermentation of mixed sugars to succinate using engineered *Escherichia coli* AS1600a and AM1 mineral salts medium. *Bioresource Technology*, 193, 433-441. doi:10.1016/j.biortech.2015.06.108
- Taylor, N. W., Searcy, J. K., & Jones, P. H. (2015). Multifamily energy-efficiency retrofit programs: a Florida case study. *Energy Efficiency*, 8(3), 16. doi:10.1007/s12053-015-9367-x
- Torres, C. E., Kohamann, M., & Fraisse, C. W. (2015). Quantification of greenhouse gas emissions for carbon neutral farming in the Southeastern USA. *Agricultural Systems*, 137, 12. doi:10.1016/j.agsy.2015.03.002
- van Emmerik, T., Steele-Dunne, S. C., Judge, J., & van de Giesen, N. (2015). Impact of diurnal variation in vegetation water content on radar backscatter from maize during water stress. *IEEE Transactions on Geoscience and Remote Sensing*, 53(7), 3855-3869. doi:10.1109/tgrs.2014.2386142
- Vanegas, D. C., Clark, G., Cannon, A. E., Roux, S., Chaturvedi, P., & McLamore, E. S. (2015). A self-referencing biosensor for real-time monitoring of physiological ATP transport in plant systems. *Biosensors & Bioelectronics*, 74, 37-44. doi:10.1016/j.bios.2015.05.027
- Wang, H. Y., Gao, B., Wang, S. S., Fang, J., Xue, Y. W., & Yang, K. (2015). Removal of Pb(II), Cu(II), and Cd(II) from aqueous solutions by biochar derived from KMnO₄ treated hickory wood. *Bioresource Technology*, 197, 356-362. doi:10.1016/j.biortech.2015.08.132
- Wang, S. S., Gao, B., Li, Y. C., Mosa, A., Zimmerman, A. R., Ma, L. Q., . . . & Migliaccio, K. W. (2015). Manganese oxide-modified biochars: Preparation, characterization, and sorption of arsenate and lead. *Bioresource Technology*, 181, 13-17. doi:10.1016/j.biortech.2015.01.044
- Wang, S. S., Gao, B., Zimmerman, A. R., Li, Y. C., Ma, L. N., Harris, W. G., & Migliaccio, K. W. (2015). Physicochemical and sorptive properties of biochars derived from woody and herbaceous biomass. *Chemosphere*, 134, 257-262. doi:10.1016/j.chemosphere.2015.04.062
- Wang, S. S., Gao, B., Zimmerman, A. R., Li, Y. C., Ma, L., Harris, W. G., & Migliaccio, K. W. (2015a). Removal of arsenic by magnetic biochar prepared from pinewood and natural hematite. *Bioresource Technology*, 175, 391-395. doi:10.1016/j.biortech.2014.10.104
- Webber, H., Martre, P., Asseng, S., Kimball, B., White, J., Ottman, M., . . . & Ewert, F. (2015). Canopy temperature for simulation of heat stress in irrigated wheat in a semi-arid environment: a multi-model comparison. *Field Crops Research*. doi:10.1016/j.fcr.2015.10.009

- Will, R. E., Fox, T., Akers, M., Domec, J. C., González-Benecke, C., Jokela, E. J., . . . & Martin, T. A. (2015). A range-wide experiment to investigate nutrient and soil moisture interactions in loblolly pine plantations. *Forests*, 6, 2014-2018. doi:10.3390/f6062014
- Yan, S. L., McLamore, E. S., Dong, S. S., Gao, H. B., Taguchi, M., Wang, N. N., . . . & Shen, Y. B. (2015). The role of plasma membrane H⁺-ATPase in jasmonate-induced ion fluxes and stomatal closure in *Arabidopsis thaliana*. *Plant Journal*, 83(4), 638-649. doi:10.1111/tpj.12915
- Yan, S., Zhang, T., Dong, S., McLamore, E. S., Wang, N., Shan, X., . . . & Wan, Y. (2015). MeJA affects root growth by modulation of transmembrane auxin flux in the transition zone. *Journal of Plant Growth Regulation*, 1-10. doi:10.1007/s00344-015-9530-9
- Yang, C., Powell, C. A., Duan, Y., Shatters, R., & Zhang, M. (2015). Antimicrobial nanoemulsion formulation with improved penetration of foliar spray through citrus leaf cuticles to control citrus huanglongbing. *PLoS ONE*, 10, 7, e0133826. doi:10.1371/journal.pone.0133826
- Yang, F., Cao, X. D., Gao, B., Zhao, L., & Li, F. Y. (2015). Short-term effects of rice straw biochar on sorption, emission, and transformation of soil NH₄⁺-N. *Environmental Science and Pollution Research*, 22(12), 9184-9192. doi:10.1007/s11356-014-4067-1
- Yao, Y., Gao, B., Wu, F., Zhang, C. Z., & Yang, L. Y. (2015). Engineered biochar from biofuel residue: characterization and its silver removal potential. *ACS Applied Materials & Interfaces*, 7(19), 10634-10640. doi:10.1021/acsami.5b03131
- Yu, D. J., Qubbaj, M. R., Muneeppeerakul, R., Anderies, J. M., & Aggarwal, R. M. (2015). Effect of infrastructure design on commons dilemmas in social-ecological system dynamics. *Proceedings of the National Academy of Sciences of the United States of America*, 112(43), 13207-13212. doi:10.1073/pnas.1410688112
- Zamora-Re, M. I., Dukes, M. D., Stanley, C. D., & Werner, H. (2015). Sprinkler distribution uniformity for strawberry cold protection. *Journal of Irrigation and Drainage Engineering*, 141(7). doi:10.1061/(asce)ir.1943-4774.0000850
- Zeng, J., Yoo, C. G., Wang, F., Pan, X., Vermerris, W., & Tong, Z. (2015). Biomimetic fenton-catalyzed lignin depolymerization to high-value aromatics and dicarboxylic acids. *ChemSusChem*, 8(5), 861-871. doi:10.1002/cssc.201403128
- Zhao, G., Hoffmann, H., van Bussel, L. G. J., Enders, A., Specka, X., Sosa, C., . . . & Ewert, F. (2015). Effect of weather data aggregation on regional crop simulation for different crops, production conditions, and response variables. *Climate Research*, 65, 141-157. doi:10.3354/cr01301
- Zheng, W., Tayyari, F., Gowda, G. A. N., Raftery, D., McLamore, E. S., Porterfield, D. M., . . . Teegarden, D. (2015). Altered glucose metabolism in Harvey-ras transformed MCF10A cells. *Molecular Carcinogenesis*, 54(2), 111-120. doi:10.1002/mc.22079

V. Food and Non-Food Products: Development, Processing, Quality and Delivery

- Aso, S. N., Teixeira, A. A., & Welt, B. A. (2015). Physical properties of cassava flour made from solar convection-dried cassava chips. *Applied Engineering in Agriculture*, 31(4), 655-660. doi:10.13031/aea.31.10573

- Chauliac, D., Pullammanappallil, P. C., Ingram, L. O., & Shanmugam, K. T. (2015). Removing chiral contamination of lactate solutions by selective metabolism of the D-enantiomer. *Biotechnology Letters*, 37(12), 2411-2418. doi:10.1007/s10529-015-1924-z
- Dittmar, P., Batts, R., Jennings, K., Bellinder, R., & Meyers, S. (2015). Reduced metribuzin preharvest interval on potato yield and tuber quality. *Weed Technology*, 29(2), 335-339. doi:10.1614/WT-D-14-00098.1
- Hernandez Nopsa, J. F., Daghli, G. J., Hagstrum, D. W., Leslie, J. F., Phillips, T. W., Scoglio, C., . . . & Garrett, K. A. (2015). Ecological Networks in Stored Grain: Key Postharvest Nodes for Emerging Pests, Pathogens, and Mycotoxins. *BioScience*, 65(10), 985-1002. doi:10.1093/biosci/biv122
- Park, H., Yakhnin, H., Connolly, M., Romeo, T., & Babitzke, P. (2015). CsrA participates in a PNPase autoregulatory mechanism by selectively repressing translation of pnp transcripts that have been previously processed by RNase III and PNPase. *Journal of Bacteriology*, 197(24), 3751-3759. doi:10.1128/jb.00721-15
- Riad, G. S., & J.K. Brecht, J. K. (2015). Validation of a two-level MAP system in commercial strawberry distribution and simulated retail handling. *Acta Horticulturae*, 1071, 613-618. http://www.ishs.org/ishs-article/1071_80
- Torres-Quezada, E. A., Santos, B. M., Zotarelli, L., & Treadwell, D. A. (2015). Soilless media and containers for bell pepper production. *International Journal of Vegetable Science*, 21(2), 177-187. doi:10.1080/19315260.2013.859204
- Tsouvaltzi, P., Brecht, J. K., & Huber, D. J. (2015). Reduced pO₂ better maintains visual quality, fresh weight, and antioxidant content of bunched radish (*Raphanus sativus* L.) than air storage. *Acta Horticulturae*, 1071, 187-193. doi:10.17660/ActaHortic.2015.1071.20
- Vilarinho, L. B. O., Silva, D.J.H., Greene, A., Salazar, K.D., Alves, C., Eveleth, M., Nichols, B., Tehseen, S., Khoury Jr., J.K., Johnson, J.V., Sargent, S.A., Rathinasabapathi, B. (2015). Inheritance of fruit traits in *Capsicum annum*: Heirloom cultivars as sources of quality parameters relating to pericarp shape, color, thickness and total soluble solids. *Journal of the American Society for Horticultural Science*, 140(6), 597-604. <http://journal.ashspublications.org/content/140/6/597.abstract>
- Wang, L., Baldwin, E. A., Zhao, W., Plotto, A., Sun, X., Wang, Z., . . . & Yu, Z. (2015). Suppression of volatile production in tomato fruit exposed to chilling temperature and alleviation of chilling injury by a pre-chilling heat treatment. *LWT-Food Science and Technology*, 62(1), 115-21. doi:10.1016/j.lwt.2014.12.062
- Wang, X., Peng, B., Tan, C., Ma, L., & Rathinasabapathi, B. (2015). Recent advances in arsenic bioavailability, transport, and speciation in rice. *Environmental Science and Pollution Research*, 22(8), 5742-5750. doi:10.1007/s11356-014-4065-3
- Wang, Y., Zhang, T., & Folta, K. M. (2015). Green light augments far-red-light-induced shade response. *Plant Growth Regulation*, 77, 147-155. doi:10.1007/s10725-015-0046-x
- Welt, B. A. (2015). Elevated test pressure significantly reduces dynamic accumulation oxygen transmission rate (ASTM F3136) measurement time for barrier packaging films. *Journal of Applied Packaging Research*, 7(3), 4. <http://scholarworks.rit.edu/japr/vol7/iss3/4>
- Williamson, J. G., & Krewer, G. (2015). Role of plant growth regulators in southern highbush blueberry production under low-chill conditions. *Journal of the American Pomological Society*, 69(1), 11-15. http://www.pubhort.org/aps/69/v69_n1_a3.htm

Williamson, J. G., Mejia, L., Ferguson, B., Miller, P., & Haman, D. Z. (2015). Seasonal water use of southern highbush blueberry plants in a subtropical climate. *HortTechnology*, 25(2), 185-191. <http://horttech.ashspublications.org/content/25/2/185.abstract>

Zambrano, C., Olmstead, M., Zotarelli, L., Boyd, N., & Santos, B. (2015). Plastic roof materials as they affect bell pepper production in high tunnels. *International Journal of Vegetable Science*. doi:10.1080/19315260.2015.1076922

VI. Economics, Markets and Policy

Alivand, M., & Hochmair, H. H. (2015). Choice set generation for modeling scenic route choice behavior using GIS. *Transportation Research Record: Journal of the Transportation Research Board*, 2495, 101-111.

Alivand, M., Hochmair, H. H., & Srinivasan, S. (2015). Analyzing how travelers choose scenic routes using route choice models. *Computers, Environment and Urban Systems*, 50, 41-52. doi:10.1016/j.compenvurbsys.2014.10.004

Anderson, J. L., Anderson, C. M., Chu, J., Meredith, J., Asche, F., Sylvia, G., . . . & Valderrama, D. (2015). The fishery performance indicators: A management tool for triple bottom line outcomes. *PLoS ONE*, 10(5), e0122809. doi:10.1371/journal.pone.0122809

Ansbacher, S., & Olexa, M. T. (2015). Florida nuisance law and urban agriculture. *The Florida Bar Journal*, 89(1), 28-32.

Asci, S., Borisova, T., & VanSickle, J. J. (2015). Role of economics in developing fertilizer best management practices. *Agricultural Water Management*, 152, 251-261. doi:10.1016/j.agwat.2015.01.021

Berg, E., & Huffaker, R. (2015). Economic dynamics of the German hog-price cycle. *International Journal on Food System Dynamics*, 6(2), 64-80. doi:10.18461/ijfsd.v6i2.621

Bi, X., Gao, Z., House, L. A., & Hausmann, D. S. (2015). Tradeoffs between sensory attributes and organic labels: The case of orange juice. *International Journal of Consumer Studies*, 39(2), 162-171. doi:10.1111/ijcs.12164

Blare, T., & Useche, P. (2015). Is there a choice? Choice experiment to determine the value men and women place on cacao agroforests in coastal Ecuador. *International Forestry Review*, 17(S4), 46-60. doi:10.1505/146554815816086390

Borawski, P., Grzybowska-Brzezinska, M., Dunn, J. W., & Stefanou, S. E. (2015). Factors shaping agri-food product trade in Poland. *Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis*, 63(4), 1221-1228. doi:10.11118/actaun201563041221

Briz, T., Drichoutis, A. C., & House, L. (2015). Examining projection bias in experimental auctions: The role of hunger and immediate gratification. *Agricultural and Food Economics*, 3(22), 1-17. doi:10.1186/s40100-015-0040

Brumfield, R. G., DeVincentis, A. J., Wang, X., Fernandez, R. T., Nambuthiri, S., Geneve, R. L., . . . & Stewart, J. R. (2015). Economics of utilizing alternative containers in ornamental crop production systems. *HortTechnology*, 25(1), 17-25. <http://horttech.ashspublications.org/content/25/1/17.abstract>

- Campbell, B., Khachatryan, H., Behe, B., Dennis, J., & Hall, C. (2015). Consumer perceptions and misperceptions of eco-friendly and sustainable terms. *Agricultural and Resource Economics Review*, 44(1), 21-34. <http://purl.umn.edu/200994>
- Cantrell, R. A., & Beall, K. N. (2015). Homebuyer preferences in the post-housing bubble era. *Housing and Society*, 42(1), 1-16. doi:10.1080/08882746.2015.1020692
- Chambers, R. G., Serra, T., & Stefanou, S. E. (2015). Using ex ante output elicitation to model state-contingent technologies. *Journal of Productivity Analysis*, 43(1), 75-83. doi:10.1007/s11123-014-0385-z
- Cheng, Y.-h., Gao, Z., & Seale Jr, J. (2015). Changing structure of China's meat imports. *Journal of Integrative Agriculture*, 14(6), 1081-1091. doi:10.1016/S2095-3119(14)60991-6
- Deltsidis, A. I., Pliakoni, E. D., Baldwin, E. A., Bai, J., Plotto, A., & Brecht, J. K. (2015). Tomato flavor changes at chilling and non-chilling temperatures as influenced by controlled atmospheres. *Acta Horticulturae*, 1071, 703-709. doi:10.17660/ActaHortic.2015.1071.93
- Diehl, D. C., Sloan, N. L., Brecht, J. K., & Mitcham, E. J. (2015). What factors do retailers value when purchasing fruits? Perceptions of produce industry professionals. *Journal of Food Distribution Research*, 46(3), 81-91. <http://purl.umn.edu/212992>
- Domonko, E., McFadden, B. R., & Mullally, C. (2015). Biotechnology applications for consumers in developing areas and consumer acceptance. *Farm Policy Journal*, 12(3), 25-35.
- Escobedo, F. J., Adams, D. C., & Timilsina, N. (2015). Urban forest structure effects on property value. *Ecosystem Services*, 12, 209-217. doi:10.1016/j.ecoser.2014.05.002
- Evans, E. A., & Ballen, F. H. (2015). An econometric demand model for Florida green-skin avocados. *HortTechnology*, 25(3), 405-411. <http://horttech.ashspublications.org/content/25/3/405.abstract>
- Evans, E. A., & Ballen, F. H. (2015). Competitive behavior in the U.S. green skin avocado market. *Journal of Food Distribution Research*, 46(3), 20-31. <http://ageconsearch.umn.edu/bitstream/212988/2/%282%29%20115.pdf>
- Farnworth, C., & Colverson, K. (2015). Building a gender-transformative extension and advisory facilitation system in Sub-Saharan Africa. *Journal of Gender, Agriculture and Food Security*, 1(1), 20-39. <http://agrigender.net/uploads/JGAFS-112015-2-Paper.pdf>
- Francisco, A. J., Bruce, A. S., Crespi, J. M., Lusk, J. L., McFadden, B., Bruce, J. M., . . . & Lim, S.-L. (2015). Are consumers as constrained as hens are confined? Brain activations and behavioral choices after informational influence. *Journal of Agricultural & Food Industrial Organization*, 13(1), 113-119. doi:10.1515/jafio-2015-0022
- Galiè, A., Mulema, A., Benard, M. A. M., Onzere, S. N., & Colverson, K. E. (2015). Exploring gender perceptions of resource ownership and their implications for food security among rural livestock owners in Tanzania, Ethiopia, and Nicaragua. *Agriculture & Food Security*, 4(2). doi:10.1186/s40066-015-0021-9
- Grogan, K. A. (2015). The value of added sulfur dioxide in French organic wine. *Agricultural and Food Economics*, 3(19), 1-25. doi:10.1186/s40100-015-0038-1
- Grogan, K. A., & Mosquera, M. (2015). The effects and value of a resistant perennial variety: An application to pudrición del cogollo disease. *American Journal of Agricultural Economics*, 97(1), 260-281. doi:10.1093/ajae/aau074

- Guan, W., Zhao, X., Huber, D. J., & Sims, C. A. (2015). Instrumental and sensory analyses of quality attributes of grafted specialty melons. *Journal of the Science of Food and Agriculture*, 95(14), 2989-2995. doi:10.1002/jsfa.7050
- Hodges, A. W., Hall, C. R., Palma, M. A., & Khachatryan, H. (2015). Economic contributions of the green industry in the United States in 2013. *HortTechnology*, 25(6), 805-814. <http://horttech.ashspublications.org/content/25/6/805.abstract>
- Hodges, A. W., Khachatryan, H., Palma, M. A., & Hall, C. R. (2015). Production and marketing practices and trade flows in the United States green industry in 2013. *Journal of Environmental Horticulture*, 33(3), 125–136.
- House, L. A., Jiang, Y., & Salois, M. (2015). Measures of online advertising effectiveness for market penetration: The case of orange juice consumers. *Canadian Journal of Agricultural Economics-Revue Canadienne D Agroeconomie*, 63(4), 435-448. doi:10.1111/cjag.12092
- Jin, L., Zhang, J. J., Pitts, B. G., Connaughton, D., Swisher, M., Holland, S., & Spengler, J. O. (2015). Factors associated with an athletic donor's intention to donate to green stadium initiatives of a collegiate athletic program. *International Journal of Event Management Research*, 10(1). <http://www.ijemr.org/wp-content/uploads/2014/10/Jin-et-al1.pdf>
- Jones, M., House, L., & Gao, Z. (2015). Respondent screening and sarp: Testing quarantining methods for better data quality in web panel surveys. *Public Opinion Quarterly*, 79, 687-709. doi:10.1093/poq/nfv015
- Kapelko, M., Lansink, A. O., & Stefanou, S. E. (2015). Analyzing the impact of investment spikes on dynamic productivity growth. *Omega-International Journal of Management Science*, 54, 116-124. doi:10.1016/j.omega.2015.01.010
- Kapelko, M., Lansink, A. O., & Stefanou, S. E. (2015). Effect of food regulation on the Spanish food processing industry: A dynamic productivity analysis. *PLoS ONE*, 10(6). doi:10.1371/journal.pone.0128217
- Khachatryan, H., & Rihn, A. (2015). Using Innovative Biometric Measurements in Consumer Decision Making Research. *Science to Business (S2B): Research and Innovations*, 1(2), 107-125.
- Khachatryan, H., Rihn, A., & Dukes, M. (2015). Are Homeowners Willing to Pay a Price Premium for Environmentally Friendly Lawn Fertilizers? *Proceedings of Florida State Horticultural Society*, 127, 221-223.
- Kil, N., Holland, S. M., & Stein, T. V. (2015). Experiential benefits, place meanings, and environmental setting preferences between proximate and distant visitors to a national scenic trail. *Environmental Management*, 55, 1109-1123. doi:10.1007/s00267-015-0445-9
- Kim, H., House, L. A., & Salois, M. (2015). Consumer response to media information: The case of grapefruit-medicine interaction. *Health Economics Review*, 5, 33. doi:10.1186/s13561-015-0069-z
- Kim, H., House, L. A., Odabasi, A. Z., & Sims, C. A. (2015). Sensory and hedonic evaluation in response to food-cue exposure: The case of juicing demonstration of fresh oranges. *International Journal of Marketing Studies*, 7(5), 65-75. doi:10.5539/ijms.v7n5p65
- Kobayashi, M., Msangi, S., Batka, M., Vannuccini, S., Dey, M. M., & Anderson, J. L. (2015). Fish to 2030: The role and opportunity for aquaculture. *Aquaculture Economics & Management*, 19(S3), 282-300. doi:10.1080/13657305.2015.994240

- Kropp, J., Peckham, J. G., & Turvey, C. (2015). U.S. Agricultural support programs and ethanol policies effects on farmland values and rental rates. *Agricultural Finance Review*, 75(2), 169-193. doi:10.1108/AFR-06-2014-0015
- Lansink, A. O., Stefanou, S. E., & Kapelko, M. (2015). The impact of inefficiency on diversification. *Journal of Productivity Analysis*, 44(2), 189-198. doi:10.1007/s11123-014-0423-x
- Lansink, A. O., Stefanou, S., & Serra, T. (2015). Primal and dual dynamic luenberger productivity indicators. *European Journal of Operational Research*, 241(2), 555-563. doi:10.1016/j.ejor.2014.09.027
- Li, K., & Evans, E. A. (2015). Economic benefit from adopting GM papaya in southern Florida: An ex-ante economic evaluation. *International Journal of Innovation Science and Research*, 4(5), 189-193. <http://www.ijisr.com/sites/default/files/issues-pdf/096.pdf>
- Li, X., Lee, W. S., Li, M., Ehsani, R., Mishra, A. R., Yang, C., & Mangan, R. L. (2015). Feasibility study on Huanglongbing (citrus greening) detection based on WorldView-2 satellite imagery. *Biosystems Engineering*, 132, 28-38. doi:10.1016/j.biosystemseng.2015.01.009
- Liu, H., Wahl, T. I., Seale, J. L., & Bai, J. (2015). Household composition, income, and food-away-from-home expenditure in urban China. *Food Policy*, 51, 97-103. doi:10.1016/j.foodpol.2014.12.011
- Lopez, L., Smith, H. A., Hoy, M. A., & Bloomquist, J. R. (2015). Acute toxicity and sublethal effects of fenpyroximate to *Amblyseius swirskii*. *Journal of Economic Entomology*, 108(3), 1047-1053. <http://www.bioone.org/doi/full/10.1093/jee/tov033>
- Lusk, J. L., Crespi, J. M., Cherry, J. B. C., McFadden, B. R., Martin, L. E., & Bruce, A. S. (2015). An fMRI investigation of consumer choice regarding controversial food technologies. *Food Quality and Preference*, 40, 209-220. doi:10.1016/j.foodqual.2014.10.005
- Lusk, J. L., McFadden, B. R., & Rickard, B. J. (2015). Which biotech foods are most acceptable to the public? *Biotechnology Journal*, 10(1), 13-16. doi:10.1002/biot.201400561
- McFadden, B. R., & Lusk, J. L. (2015). Cognitive biases in the assimilation of scientific information on global Warming and genetically modified food. *Food Policy*, 54, 35-43. doi:10.1016/j.foodpol.2015.04.010
- McFadden, B., Lusk, J., Crespi, J., Cherry, J., Martin, L., Aupperle, R., & Bruce, A. (2015). Can neural activation in dorsolateral prefrontal cortex predict responsiveness to information? An application to egg production systems and campaign advertising. *PLoS ONE*, 10(5), e0125243-e0125243. doi:10.1371/journal.pone.0125243
- Min, S., Bai, J.-f., Seale, J., Jr., & Wahl, T. (2015). Demographics, societal aging, and meat consumption in China. *Journal of Integrative Agriculture*, 14(6), 995-1007. doi:10.1016/s2095-3119(14)60984-9
- Mosquera, M., Evans, E. A., & Ploetz, R. (2015). Assessing the profitability of avocado production in south Florida in the presence of laurel wilt. *Theoretical Economics Letters*, 5(2), 343-356. doi:10.4236/tel.2015.52040
- Mullally, C., & Maffioli, A. (2016). Extension and matching grants for improved management: An evaluation of the Uruguayan livestock program. *American Journal of Agricultural Economics*, 98(1), 333-350. doi:10.1093/ajae/aav050
- Mullins, A. J., Messenger, M. T., Hochmair, H. H., Tonini, F., Su, N. Y., & Riegel, C. (2015). Dispersal flights of the formosan subterranean termite (Isoptera: Rhinotermitidae). *Journal of Economic Entomology*, 108(2), 707-719. doi:10.1093/jee/tov022

- Önel, G. (2015). Do producers respond to every input price change? A note on nonlinearities in factor demand systems. *Applied Economics Letters*, 22(12), 972-977. doi:10.1080/13504851.2014.993126
- Parthasarathi, P., Hochmair, H. H., & Levinson, D. M. (2015). Street network structure and household activity spaces. *Urban Studies*, 52(6), 1090-1112. doi:10.1177/0042098014537956
- Rihn, A., Khachatryan, H., Campbell, B., Hall, C., & Behe, B. (2015). Consumer response to novel indoor foliage plant attributes: Evidence from a rating-based conjoint experiment and gaze analysis. *HortScience*, 50(10), 1524-1530. <http://hortsci.ashspublications.org/content/50/10/1524.short>
- Sampson, G. S., Sanchirico, J. N., Roheim, C. A., Bush, S. R., Taylor, J. E., Allison, E. H., . . . & Wilson, J. R. (2015). Secure sustainable seafood from developing countries. *Science*, 348(6234), 504-506. doi:10.1126/science.aaa4639
- Schmitz, A., & Moss, C. B. (2015). Mechanized agriculture: machine adoption, farm size, and labor displacement. *AgBioForum*, 18(3), 278-296. <http://www.agbioforum.org/v18n3/v18n3a06-schmitz.htm>
- Schmitz, A., Haynes, D. J., & Schmitz, T. G. (2015). Alternative approaches to compensation and producer rights. *Canadian Journal of Agricultural Economics/Revue Canadienne D'agroeconomie*. doi:10.1111/cjag.12085
- Schmitz, A., Haynes, D. J., Schmitz, T. G., & Schmitz, E. D. (2015). Negative externalities, healthcare costs, and e-cigarettes: Terminating the Ontario tobacco quota program. *International Journal of Health, Wellness and Society*, 5(3), 99-108. <http://ijw.cgpublisher.com/product/pub.198/prod.205>
- Schmitz, A., Kennedy, P. L., & Hill-Gabriel, J. (2014). Irreversibility and sustainability: Attempts to save the Florida everglades. *International Journal of Environmental, Cultural, Economic & Social Sustainability: Annual Review*, 10, 1-14. <http://ijsar.cgpublisher.com/product/pub.284/prod.11>
- Schroeter, C., & House, L. A. (2015). Fruit and vegetable consumption of college students: What is the role of food culture? *Journal of Food Distribution Research*, 46(3), 131-152. <https://www.fdrsinc.org/wp-content/uploads/2015/11/9-83.pdf>
- Shi, L., Gao, Z., House, L. A., & Heng, Y. (2015). A multi-store auction to measure willingness-to-pay for organic and local blueberries. *Journal of Food Distribution Research*, 46(3), 153-162. <http://ageconsearch.umn.edu/bitstream/212996/2/%2810%29%2065.pdf>
- Shutters, S. T., Muneeppeerakul, R., & Lobo, J. (2015). Quantifying urban economic resilience through labour force interdependence. *Palgrave Communications*, 1. doi:10.1057/palcomms.2015.10
- Silva, E., Lansink, A. O., & Stefanou, S. E. (2015). The adjustment-cost model of the firm: Duality and productive efficiency. *International Journal of Production Economics*, 168, 245-256. doi:10.1016/j.ijpe.2015.06.027
- Simonne, A., Ozores-Hampton, M., Treadwell, D., & House, L. (2015). Organic and conventional produce in the US: Examining safety and quality, economic values, and consumer attitudes. *Proceedings of the International Symposium on Quality Management of Organic Horticultural Produce*, 1. Ratchathani, Thailand
- Sproul, T. W., & Kropp, J. D. (2015). A general equilibrium theory of contracts in community supported agriculture. *American Journal of Agricultural Economics*, 97(5), 1345-1359. doi:10.1093/ajae/aav029
- Sproul, T. W., Kropp, J. D., & Barr, K. D. (2015). The pricing of community supported agriculture shares: Evidence from New England. *Agricultural Finance Review*, 75(3), 313-329. doi:10.1108/afr-04-2015-0020

Su, N. Y. (2015). A fluid bait for remedial control of subterranean termites. *Journal of Economic Entomology*, 108(1), 274-276. doi:10.1093/jee/tou039

Teimouri, M., Delavar, M. R., Malek, M. R., Chavosi, S., H., Van de Weghe, N., . . . & Hochmair, H. H. (2015). Accommodating user preferences in ad-hoc shared ride trip planning using GIS. *Transportation Planning and Technology*, 38(7), 816-831. doi:10.1080/03081060.2015.1059125

Trejo-Pech, C. J., Weldon, R. N., & Gunderson, M. A. (2015). Earnings management through specific accruals and discretionary expenses: Evidence from us agribusiness firms. *Canadian Journal of Agricultural Economics/Revue Canadienne D'agroeconomie*. doi:10.1111/cjag.12063

Twyman, J., Useche, P., & Deere, C. D. (2015). Gendered perceptions of land ownership and agricultural decision-making in Ecuador: Who are the farm managers? *Land Economics*, 91(3), 479-500. doi:10.3368/le.91.3.479

Valderrama, D., Cai, J., Hishamunda, N., Ridler, N., Neish, I. C., Hurtado, A. Q., . . . & Fraga, J. (2015). The economics of kappaphycus seaweed cultivation in developing countries: A comparative analysis of farming systems. *Aquaculture Economics & Management*, 19(2), 251-277. doi:10.1080/13657305.2015.1024348

van Dijk, E. A., Grogan, K. A., & Borisova, T. (2015). Determinants of adoption of drought adaptations among vegetable growers in Florida. *Journal of Soil and Water Conservation*, 70(4), 218-231. doi:10.2489/jswc.70.4.218

Wu, F., Guan, Z., & Whitaker, V. (2015). Optimizing yield distribution under biological and economic constraints: Florida strawberries as a model for perishable commodities. *Agricultural Systems*, 141, 113-120. doi:10.1016/j.agsy.2015.10.002

Wu, F., Myers, R. J., Guan, Z., & Wang, Z. (2015). Risk-adjusted implied volatility and its performance in forecasting realized volatility in corn future prices. *Journal of Empirical Finance*, 34, 260-274. doi:10.1016/j.jempfin.2015.07.003

Xie, J., Gao, Z., Swisher, M., & Zhao, X. (2015). Consumers' preferences for fresh broccolis: Interactive effects between country of origin and organic labels. *Agricultural Economics*. doi:10.1111/agec.12193

Zhu, M., Onel, G., & Seale, J. L., Jr. (2015). An empirical input allocation model for the cost minimizing multiproduct firm. *Economics Letters*, 132, 73-76. doi:10.1016/j.econlet.2015.04.015

VII. Human Nutrition, Food Safety, and Human Health and Well-Being

Ahmed, C. M. I., Larkin, J., III, & Johnson, H. M. (2015). SOCS1 mimetics and antagonists: A complementary approach to positive and negative regulation of immune function. *Frontiers in Immunology*, 6. doi:10.3389/fimmu.2015.00183

Ahmed, C. M., Dabelic, R., Bedoya, S. K., Larkin, J., III, & Johnson, H. M. (2015). A SOCS1/3 antagonist peptide protects mice against lethal infection with influenza A virus. *Frontiers in Immunology*, 6. doi:10.3389/fimmu.2015.00574

Alto, B. W., Bettinardi, D. J., & Ortiz, S. (2015). Interspecific larval competition differentially impacts adult survival in dengue vectors. *Journal of Medical Entomology*, 52(2), 163-170. doi:10.1093/jme/tju062

- Arthurs, S. P., Morales-Reyes, C., & Cherry, R. H. (2015). Trap design for lovebugs, *Plecia nearctica* (Diptera: Bibionidae). *Florida Entomologist*, 98(3), 892-898. doi:10.1653/024.098.0312
- Aziz, R., Rafiq, M. T., He, Z., Liu, D., Sun, K., & Xiaoe, Y. (2015). In Vitro assessment of cadmium bioavailability in Chinese cabbage grown on different soils and its toxic effects on human health. *BioMed Research International*, 2015, 285351. doi:10.1155/2015/285351
- Aziz, R., Rafiq, M. T., Li, T., Liu, D., He, Z. L., Stoffella, P. J., . . . & Xiaoe, Y. (2015). Uptake of cadmium by rice grown on contaminated soils and its bioavailability/toxicity in human cell lines (Caco-2/HL-7702). *Journal of Agricultural and Food Chemistry*, 63(13), 3599-3608. doi:10.1021/jf505557g
- Bailey, L. B., Stover, P. J., McNulty, H., Fenech, M. F., Gregory, J. F., III, Mills, J. L., . . . & Raiten, D. J. (2015). Biomarkers of nutrition for development-folate review. *Journal of Nutrition*, 145(7), 1S-45S. doi:10.3945/jn.114.206599
- Bakshi, S., He, Z. L. L., & Harris, W. G. (2015). Natural nanoparticles: Implications for environment and human health. *Critical Reviews in Environmental Science and Technology*, 45(8), 861-904. doi:10.1080/10643389.2014.921975
- Balaguero, A. N., Sreedharan, A., & Schneider, K. R. (2015). Effect of overhead spray and brush roller treatment on the survival of *Pectobacterium* and *Salmonella* on tomato surfaces. *Journal of Food Protection*, 78(1), 51-56. doi:10.4315/0362-028x.jfp-14-254
- Bargielowski, I. E., & Lounibos, L. P. (2015). Satyrization and satyrization-resistance in competitive displacements of invasive mosquito species. *Insect Science*. doi:10.1111/1744-7917.12291
- Bargielowski, I. E., Lounibos, L. P., Shin, D., Smartt, C. T., Carrasquilla, M. C., Henry, A., . . . & Dennett, J. A. (2015). Widespread evidence for interspecific mating between *Aedes aegypti* and *Aedes albopictus* (Diptera: Culicidae) in nature. *Infection, Genetics and Evolution*, 36, 456-461. doi:10.1016/j.meegid.2015.08.016
- Bargielowski, I., Blosser, E., & Lounibos, L. P. (2015). The effects of interspecific courtship on the mating success of *Aedes aegypti* and *Aedes albopictus* (Diptera: Culicidae) males. *Annals of the Entomological Society of America*, 108(4), 513-518. doi:10.1093/aesa/sav037
- Bartz, J. A., Sargent, S. A., & Scott, J. W. (2015) Weather fronts and postharvest decays and safety of field-grown tomatoes. *Acta Horticulturae*, 1069, 333-340. doi:10.17660/ActaHortic.2015.1069.48
- Bartz, J. A., Yuk, H.-G., Mahovic, M. J., Warren, B. R., Sreedharan, A., & Schneider, K. R. (2015). Internalization of *Salmonella enterica* by tomato fruit. *Food Control*, 55, 141-150. doi:10.1016/j.foodcont.2015.02.046
- Bingham, A. M., Burkett-Cadena, N. D., Hassan, H. K., & Unnasch, T. R. (2015). Vector competence and capacity of *Culex erraticus* (Diptera: Culicidae) for eastern equine encephalitis virus in the southeastern United States. *Journal of Medical Entomology*. doi:10.1093/jme/tjv195
- Bouwknegt, M., Friesema, I., Mangen, M. J., Van Pelt, W., & Havelaar, A. (2015). De ziektelast van voedselgerelateerde infecties in Nederland, 2009-2012. *Infectieziekten Bulletin*, 26, 10-13.
- Brar, P. K., Proano, L. G., Friedrich, L. M., Harris, L. J., & Danyluk, M. D. (2015). Survival of salmonella, *Escherichia coli* O157:H7, and *Listeria monocytogenes* on raw peanut and pecan kernels stored at -24, 4, and 22 degrees C. *Journal of Food Protection*, 78(2), 323-332. doi:10.4315/0362-028x.jfp-14-327

- Brown, J. K., Zerbini, F. M., Navas-Castillo, J., Moriones, E., Ramos-Sobrinho, R., Silva, J. C., . . . & Idris, A. (2015). Revision of Begomovirus taxonomy based on pairwise sequence comparisons. *Archives of Virology*, 160(6), 1593-1619. doi:10.1007/s00705-015-2398-y
- Buckner, E. A., Alto, B. W., & Lounibos, L. P. (2015). Larval temperature–food effects on adult mosquito infection and vertical transmission of dengue-1 virus. *Journal of Medical Entomology*. doi:10.1093/jme/tjv145
- Burkett-Cadena, N. D., Bingham, A. M., Hunt, B., Morse, G., & Unnasch, T. R. (2015). Ecology of *Culiseta Melanura* and other mosquitoes (Diptera: Culicidae) from Walton County, FL, during winter period 2013-2014. *Journal of Medical Entomology*, 52(5), 1074-1082. doi:10.1093/jme/tjv087
- Burkett-Cadena, N. D., Blosser, E. M., Young, R. M., Toe, L. D., & Unnasch, T. R. (2015). Carbon dioxide generated from carbonates and acids for sampling blood-feeding arthropods. *Acta Tropica*, 149, 254-261. doi:10.1016/j.actatropica.2015.06.019
- Burns, A. M., Zitt, M. A., Rowe, C. C., Langkamp-Henken, B., Mai, V., Nieves, C., . . . & Dahl, W. J. (2016). Diet quality improves for parents and children when almonds are incorporated into their daily diet: A randomized, crossover study. *Nutrition Research*, 36(1), 80-89. doi:10.1016/j.nutres.2015.11.004
- Camacho, M. I., Alvarez, A. F., Gonzalez Chavez, R., Romeo, T., Merino, E., & Georgellis, D. (2015). Effects of the global regulator CsrA on the BarA/UvrY two-component signaling system. *Journal of Bacteriology*, 197(5), 983-991. doi:10.1128/jb.02325-14
- Carrasquilla, M. C., & Lounibos, L. P. (2015). Detection of insemination status in live *Aedes aegypti* females. *Journal of Insect Physiology*, 75, 1-4. doi:10.1016/j.jinsphys.2015.01.015
- Carrasquilla, M. C., & Lounibos, L. P. (2015). Satyrization without evidence of successful insemination from interspecific mating between invasive mosquitoes. *Biology Letters*, 11(9). doi:10.1098/rsbl.2015.0527
- Chen, N., Tong, Z., Yang, W., & Brennan, A. B. (2015). Biocomposites with tunable properties from poly(lactic acid)-based copolymers and carboxymethyl cellulose via ionic assembly. *Carbohydrate Polymers*, 128, 122-129. doi:10.1016/j.carbpol.2015.04.015
- Collins, J. F. (2015). Long Noncoding RNAs and Hepatocellular Carcinoma. *Gastroenterology*, 148(2), 291-294. doi:10.1053/j.gastro.2014.12.011
- Conesa-Zamora, P., Garcia-Solano, J., del Carmen Turpin, M., Sebastian-Leon, P., Torres-Moreno, D., Estrada, E., . . . & Conesa, A. (2015). Methylome profiling reveals functions and genes which are differentially methylated in serrated compared to conventional colorectal carcinoma. *Clinical Epigenetics*, 7. doi:10.1186/s13148-015-0128-7
- Cox, C. E., Wright, A. C., McClelland, M., & Teplitski, M. (2015). Influence of *Salmonella enterica* Serovar Typhimurium *ssrB* on colonization of eastern oysters (*Crassostrea virginica*) as revealed by a promoter probe Screen. *Applied and Environmental Microbiology*, 82(1), 328-339. doi:10.1128/aem.02870-15
- Dahl, W. J., & Stewart, M. L. (2015). Position of the Academy of Nutrition and Dietetics: Health implications of dietary fiber. *Journal of the Academy of Nutrition and Dietetics*, 115(11), 1861-1870. doi:10.1016/j.jand.2015.09.003
- Dai, X., Stanilka, J. M., Rowe, C. A., Esteves, E. A., Nieves, C., Jr., Spaiser, S. J., . . . & Percival, S. S. (2015). Consuming *Lentinula edodes* (Shiitake) mushrooms daily improves human immunity: A randomized dietary

- intervention in healthy young adults. *Journal of the American College of Nutrition*, 34(6), 478-487. doi:10.1080/07315724.2014.950391
- Davis, T. J., Kaufman, P. E., Hogsette, J. A., & Kline, D. L. (2015). The effects of larval habitat quality on *Aedes albopictus* skip oviposition. *Journal of the American Mosquito Control Association*, 31(4), 321-328. doi:10.2987/moco-31-04-321-328.1
- Davis-Richardson, A. G., & Triplett, E. W. (2015). A model for the role of gut bacteria in the development of autoimmunity for type 1 diabetes. *Diabetologia*, 58(7), 1386-1393. doi:10.1007/s00125-015-3614-8
- Day, J. F., Tabachnick, W. J., & Smartt, C. T. (2015). Factors that influence the transmission of west nile virus in Florida. *Journal of Medical Entomology*, 52(5), 743-754. doi:10.1093/jme/tjv076
- DeRaedt Banks, S., Orsborne, J., Gezan, S. A., Kaur, H., Wilder-Smith, A., Lindsey, S. W., & Logan, J. G. (2015). Permethrin-treated clothing as protection against the Dengue vector, *Aedes aegypti*: extent and duration of protection. *PLoS Neglected Tropical Diseases*, 9(10), e0004109. doi:10.1371/journal.pntd.0004109
- Devleeschauwer, B., Haagsma, J. A., Angulo, F. J., Bellinger, D. C., Cole, D., Dopfer, D., . . . & Praet, N. (2015). Methodological framework for world health organization estimates of the global burden of foodborne disease. *PLoS ONE*, 10(12), e0142498. doi:10.1371/journal.pone.0142498
- Ding, Y., Svingen, G. F. T., Pedersen, E. R., Gregory, J. F., Ueland, P. M., Tell, G. S., & Nygard, O. K. (2015). Plasma glycine and risk of acute myocardial infarction in patients with suspected stable angina pectoris. *Journal of the American Heart Association*, 5(1). doi:10.1161/jaha.115.002621
- Dourado, G. K., Stanilka, J. M., Percival, S. S., & Cesar, T. B. (2015). Chemopreventive actions of blond and red-fleshed sweet orange juice on the louscy leukemia cell line. *Asian Pacific Journal of Cancer Prevention* 16(15), 6491-6499. doi:10.7314/APJCP.2015.16.15.6491
- Duguma, D., Hall, M. W., Rugman-Jones, P., Stouthamer, R., Neufeld, J. D., & Walton, W. E. (2015). Microbial communities and nutrient dynamics in experimental microcosms are altered after the application of a high dose of Bti. *Journal of Applied Ecology*, 52(3), 763-773. doi:10.1111/1365-2664.12422
- Duguma, D., Hall, M. W., Rugman-Jones, P., Stouthamer, R., Terenius, O., Neufeld, J. D., & Walton, W. E. (2015). Developmental succession of the microbiome of *Culex* mosquitoes. *BMC Microbiology*, 15, 140. doi:10.1186/s12866-015-0475-8
- Economio, E. P., Sarnat, E. M., Janda, M., Clouse, R., Klimov, P. B., Fischer, G., . . . & Knowles, L. L. (2015). Breaking out of biogeographical modules: Range expansion and taxon cycles in the hyperdiverse ant genus *Pheidole*. *Journal of Biogeography*, 42(12), 2289-2301. doi:10.1111/jbi.12592
- Eiden, A., Kaufman, P., Oi, F., Allan, S., & Miller, R. (2015). Detection of permethrin resistance and fipronil tolerance in *Rhipicephalus sanguineus* (Acari: Ixodidae) in the United States. *Journal of Medical Entomology*, 52(3), 429-436. doi:10.1093/jme/tjv005
- Frelin, O., Huang, L., Hasnain, G., Jeffryes, J. G., Ziemak, M. J., Rocca, J. R., . . . & Hanson, A. D. (2015). A directed-overflow and damage-control N-glycosidase in riboflavin biosynthesis. *Biochemical Journal*, 466, 137-145. doi:10.1042/bj20141237
- Garcí-Ortega, A., Martinez-Steele, L., Gonsalves, D., Wall, M. M., & Sarnoski, P. J. (2015). Use of biofuel by-product from the green algae *Desmochloris* sp. and diatom *Nanofrustulum* sp. meal in Ddets for Nile tilapia

- Oreochromis niloticus. *Journal of Aquaculture Engineering and Fisheries Research*, 1(4), 144-154.
doi:10.3153/JAEFR15016
- Gereffi, S., Sreedharan, A., & Schneider, K. R. (2015). Control of Salmonella cross-contamination between green round tomatoes in a model flume system. *Journal of Food Protection*, 78(7), 1280-1287.
doi:10.4315/0362-028x.jfp-14-524
- Gibb, H., Devleesschauwer, B., Bolger, P. M., Wu, F., Ezendam, J., Cliff, J., . . . & Bellinger, D. (2015). World Health Organization estimates of the global and regional disease burden of four foodborne chemical toxins, 2010: a data synthesis. *F1000Research*, 4, 1393. doi:10.12688/f1000research.7340.1
- Glushakova, L. G., Bradley, A., Bradley, K. M., Alto, B. W., Hoshika, S., Hutter, D., . . . & Benner, S. A. (2015). High-throughput multiplexed xMAP Luminex array panel for detection of twenty two medically important mosquito-borne arboviruses based on innovations in synthetic biology. *Journal of Virological Methods*, 214, 60-74. doi:10.1016/j.jviromet.2015.01.003
- Gungeet, J., Gezan, S., Stopka, C., Pigg, M., & Tillman, M. (2015). College students as informal caregivers and their attitude toward their older relatives. *The International Journal of Aging and Society*, 5(4), 47-60.
- Guthrie, G. J., Aydemir, T. B., Troche, C., Martin, A. B., Chang, S. M., & Cousins, R. J. (2015). Influence of ZIP14 (slc39A14) on intestinal zinc processing and barrier function. *American Journal of Physiology-Gastrointestinal and Liver Physiology*, 308(3), G171-G178. doi:10.1152/ajpgi.00021.2014
- Haagsma, J. A., Maertens de Noordhout, C., Polinder, S., Vos, T., Havelaar, A. H., Cassini, A., . . . & Salomon, J. A. (2015). Assessing disability weights based on the responses of 30,660 people from four European countries. *Population Health Metrics*, 13(1), 1-15. doi:10.1186/s12963-015-0042-4
- Hanifi, A., Culpepper, T., Mai, V., Anand, A., Ford, A. L., Ukhanova, M., . . . & Dahl, W. J. (2015). Evaluation of Bacillus subtilis R0179 on gastrointestinal viability and general wellness: A randomised, double-blind, placebo-controlled trial in healthy adults. *Beneficial Microbes*, 6(1), 19-27. doi:10.3920/bm2014.0031
- Havelaar, A. H., Kirk, M. D., Torgerson, P. R., Gibb, H. J., Hald, T., Lake, R. J., . . . & Devleesschauwer, B. (2015). World Health Organization global estimates and regional comparisons of the burden of foodborne disease in 2010. *PLoS Med*, 12(12), e1001923. doi:10.1371/journal.pmed.1001923
- Hill, A. A., Dewe, T., Kosmider, R., Von Dobschuetz, S., Munoz, O., Hanna, A., . . . & Stark, K. (2015). Modelling the species jump: Towards assessing the risk of human infection from novel avian influenzas. *Royal Society Open Science*, 2(9), 150173. doi:10.1098/rsos.150173
- Hottel, B. A., Pereira, R. M., Gezan, S. A., Qing, R., Sigmund, W. M., & Koehler, P. G. (2015). Climbing ability of the common bed bug (Hemiptera: Cimicidae). *Journal of Medical Entomology*, 52(3), 289-295.
doi:10.1093/jme/tjv012
- Irmer, H., Tarazona, S., Sasse, C., Olbermann, P., Loeffler, J., Krappmann, S., . . . & Braus, G. H. (2015). RNAseq analysis of Aspergillus fumigatus in blood reveals a just wait and see resting stage behavior. *BMC Genomics*, 16. doi:10.1186/s12864-015-1853-1
- Islam, R. M., & Bloomquist, J. R. (2015). A method for assessing chemically-induced paralysis in headless mosquito larvae. *MethodsX* 2, 19-23. doi:10.1016/j.mex.2014.12.002

- Janve, B., Yang, W., & Sims, C. (2015). Sensory and quality evaluation of traditional compared with power ultrasound processed corn (*Zea Mays*) tortilla chips. *Journal of Food Science*, 80(6), S1368-S1376. doi:10.1111/1750-3841.12892
- Jenkitkasemwong, S., Wang, C.-Y., Coffey, R., Zhang, W., Chan, A., Biel, T., . . . & Knutson, M. D. (2015). SLC39A14 is required for the development of hepatocellular iron overload in murine models of hereditary hemochromatosis. *Cell Metabolism*, 22(1), 138-150. doi:10.1016/j.cmet.2015.05.002
- Jensen, D. A., Danyluk, M. D., Harris, L. J., & Schaffner, D. W. (2015). Quantifying the effect of hand wash duration, soap use, ground beef debris, and drying methods on the removal of *Enterobacter aerogenes* on hands. *Journal of Food Protection*, 78(4), 685-690. doi:10.4315/0362-028x.jfp-14-245
- Jensen, D. A., Friedrich, L. M., Harris, L. J., Danyluk, M. D., & Schaffner, D. W. (2015). Cross contamination of *Escherichia coli* O157:H7 between lettuce and wash water during home-scale washing. *Food Microbiology*, 46, 428-433. doi:10.1016/j.fm.2014.08.025
- Kemppainen, K. M., Ardisson, A. N., Davis-Richardson, A. G., Fagen, J. R., Gano, K. A., Leon-Novelo, L. G., . . . & Triplett, E. W. (2015). Early childhood gut microbiomes show strong geographic differences among subjects at high risk for type 1 diabetes. *Diabetes Care*, 38(2), 329-332. doi:10.2337/dc14-0850
- Kirk, M. D., Pires, S. M., Black, R. E., Caipo, M., Crump, J. A., Devleesschauwer, B., . . . & Angulo, F. J. (2015). World Health Organization estimates of the global and regional disease burden of 22 foodborne bacterial, protozoal, and viral diseases, 2010: A data synthesis. *PLoS Medicine*, 12(12), e1001921. doi:10.1371/journal.pmed.1001921
- Korithoski, B., Kolaczowski, O., Mukherjee, K., Kola, R., Earl, C., & Kolaczowski, B. (2015). Evolution of a novel antiviral immune-signaling interaction by partial-gene duplication. *PLoS ONE*, 10(9). doi:10.1371/journal.pone.0137276
- Kummari, E., Alugubelly, N., Hsu, C.-Y., Dong, B., Nanduri, B., & Edelmann, M. J. (2015). Activity-based proteomic profiling of deubiquitinating enzymes in *Salmonella*-infected macrophages leads to identification of putative function of UCH-L5 in inflammasome regulation. *PLoS ONE*, 10(9). doi:10.1371/journal.pone.0138635
- Lake, R. J., Devleesschauwer, B., Nasinyama, G., Havelaar, A. H., Kuchenmuller, T., Haagsma, J. A., . . . & Speybroeck, N. (2015). National studies as a component of the World Health Organization initiative to estimate the global and regional burden of foodborne disease. *PLoS One*, 10(12), e0140319. doi:10.1371/journal.pone.0140319
- Langkamp-Henken, B., Rowe, C. C., Ford, A. L., Christman, M. C., Nieves, C., Jr., Khouri, L., . . . & Dahl, W. J. (2015). *Bifidobacterium bifidum* R0071 results in a greater proportion of healthy days and a lower percentage of academically stressed students reporting a day of cold/flu: A randomised, double-blind, placebo-controlled study. *British Journal of Nutrition*, 113(3), 426-434. doi:10.1017/s0007114514003997
- Li, C. X., Smith, M. L., Fulcher, A., Kaufman, P. E., Zhao, T. Y., & Xue, R. D. (2015). Field evaluation of three new mosquito light traps against two standard light traps to collect mosquitoes (Diptera: Culicidae) and non-target insects in northeast Florida. *Florida Entomologist*, 98(1), 114-117. doi:10.1653/024.098.0118
- Li, C., Kaufman, P., Xue, R., Zhao, M., Wang, G., Yan, T., . . . & Zhao, T. (2015). Relationship between insecticide resistance and *kdr* mutations in the dengue vector *Aedes aegypti* in Southern China. *Parasites & Vectors*, 8, 325. doi:10.1186/s13071-015-0933-z

- Li, Z., Jiang, H., Xu, C., & Gu, L. (2015). A review: Using nanoparticles to enhance absorption and bioavailability of phenolic phytochemicals. *Food Hydrocolloids*, 43, 153-164. doi:10.1016/j.foodhyd.2014.05.010
- Liu, H., Garrett, T. J., Tayyari, F., Gu, L., Liu, H. Y., & Gu, L. W. (2015). Profiling the metabolome changes caused by cranberry procyanidins in plasma of female rats using 1H NMR and UHPLC-Q-Orbitrap-HRMS global metabolomics approaches. *Molecular Nutrition & Food Research*, 59(11), 2107-2118. doi:10.1002/mnfr.201500236
- Liu, H., Tayyari, F., Khoo, C., & Gu, L. (2015). A H-1 NMR-based approach to investigate metabolomic differences in the plasma and urine of young women after cranberry juice or apple juice consumption. *Journal of Functional Foods*, 14, 76-86. doi:10.1016/j.jff.2015.01.018
- Maertens de Noordhout, C., Devleeschauwer, B., Lamarana, D., Haagsma, J., Havelaar, A., Quoilin, S., . . . & Speybroeck, N. (2015). Current and future disability-adjusted life years (DALYs) of salmonella and campylobacter in Belgium. *Archives of Public Health*, 73(Suppl 1), K3. doi:10.1186/2049-3258-73-S1-K3
- Magnusdottir, S., Ravcheev, D., de Crecy-Lagard, V., & Thiele, I. (2015). Systematic genome assessment of B-vitamin biosynthesis suggests co-operation among gut microbes. *Frontiers in Genetics*, 6, 148-Article No.: 148. doi:10.3389/fgene.2015.00148
- Makani, M. N., Sargent, S. A., Zotarelli, L., Huber, D. J., & Sims, C. A. (2015). Irrigation method and harvest time affect storage quality of two early-season, tablestock potato (*Solanum tuberosum* L.) cultivars. *Scientia Horticulturae*, 197, 428-433. doi:10.1016/j.scienta.2015.09.055
- Massenti, R., Lo Bianco, R., Sandhu, A. K., Gu, L., & Sims, C. (2016). Huanglongbing modifies quality components and flavonoid content of 'Valencia' oranges. *Journal of the Science of Food and Agriculture*, 96(1), 73-78. doi:10.1002/jsfa.7061
- McDonald, S. A., Devleeschauwer, B., Speybroeck, N., Hens, N., Praet, N., Torgerson, P. R., . . . & Döpfer, D. (2015). Data-driven methods for imputing national-level incidence rates in global burden of disease studies. *Bulletin of the World Health Organization*, 93, 228-236. doi:10.2471/BLT.14.139972
- McEgan, R., & Danyluk, M. D. (2015). Evaluation of aqueous and alcohol-based quaternary ammonium sanitizers for inactivating *Salmonella* spp., *Escherichia coli* O157: H7, and *Listeria monocytogenes* on peanut and pistachio shells. *Food Microbiology*, 47, 93-98. doi:10.1016/j.fm.2014.11.010
- Mogen, A. B., Chen, F., Ahn, S.-J., Burne, R. A., Wang, D., & Rice, K. C. (2015). Pluronics-formulated farnesol promotes efficient killing and demonstrates novel enteractions with *Streptococcus mutans* biofilms. *PLoS ONE*, 10(7). doi:10.1371/journal.pone.0133886
- Mondloch, S., Gannon, B. M., Davis, C. R., Chileshe, J., Kaliwile, C., Masi, C., . . . & Tanumihardjo, S. A. (2015). High provitamin A carotenoid serum concentrations, elevated retinyl esters, and saturated retinol-binding protein in Zambian preschool children are consistent with the presence of high liver vitamin A stores. *American Journal of Clinical Nutrition*, 102(2), 497-504. doi:10.3945/ajcn.115.112383
- Okla, M., Kang, I., Kim, D. M., Gourineni, V., Shay, N., Gu, L., & Chung, S. (2015). Ellagic acid modulates lipid accumulation in primary human adipocytes and human hepatoma Huh7 cells via discrete mechanisms. *Journal of Nutritional Biochemistry*, 26(1), 82-90. doi:10.1016/j.jnutbio.2014.09.010
- Opsteegh, M., Kortbeek, T. M., Havelaar, A. H., & van der Giessen, J. W. (2015). Intervention strategies to reduce human *Toxoplasma gondii* disease burden. *Clinical Infectious Diseases*, 60(1), 101-107. doi:10.1093/cid/ciu721

- Ou, K., & Gu, L. (2015). Depolymerisation optimisation of cranberry procyanidins and transport of resultant oligomers on monolayers of human intestinal epithelial Caco-2 cells. *Food Chemistry*, 167, 45-51. doi:10.1016/j.foodchem.2014.06.092
- Plaza, M. L., Marshall, M. R., & Rouseff, R. L. (2015). Volatile composition and aroma activity of guava puree before and after thermal and dense phase carbon dioxide treatments. *Journal of Food Science*, 80(2), C218-C227. doi:10.1111/1750-3841.12736
- Rampersaud, G. C. (2015). 100% fruit juice: perspectives amid the sugar debate. *Public Health Nutrition*, 1-8. doi:10.1017/S1368980015001135
- Rampersaud, G. C., & Valim, M. F. (2015). 100% citrus juice: Nutritional contribution, dietary benefits, and association with anthropometric measures. *Critical Reviews in Food Science and Nutrition*. doi:10.1080/10408398.2013.862611
- Rey, J. R., & Lounibos, L. P. (2015). Ecología de *Aedes aegypti* y *Aedes albopictus* en América y la transmisión de enfermedades (sic). *Biomédica*, 35(2), 177-185. doi:10.7705/biomedica.v35i2.2514
- Richards, S. L., Connelly, C. R., Day, J. F., Hope, T., & Ortiz, R. (2015). Arthropods associated with carrion in a salt marsh habitat in southeastern Florida. *Florida Entomologist*, 98(2), 613-619. doi:10.1653/024.098.0234
- Rios-Avila, L., Coats, B., Chi, Y. Y., Midttun, O., Ueland, P. M., Stacpoole, P. W., & Gregory, J. F., III. (2015). Metabolite profile analysis reveals association of vitamin B-6 with metabolites related to one-carbon metabolism and tryptophan catabolism but not with biomarkers of inflammation in oral contraceptive users and reveals the effects of oral contraceptives on these processes. *Journal of Nutrition*, 145(1), 87-95. doi:10.3945/jn.114.201095
- Rios-Avila, L., Coats, B., Ralat, M., Chi, Y.-Y., Midttun, Ø., Ueland, P. M., . . . & Gregory, J. F. (2015). Pyridoxine supplementation does not alter in vivo kinetics of one-carbon metabolism but modifies patterns of one-carbon and tryptophan metabolites in vitamin B-6-insufficient oral contraceptive users. *American Journal of Clinical Nutrition*, 102(3), 616-625. doi:10.3945/ajcn.115.113159
- Rojewski, A. M., Morean, M. E., Toll, B. A., McKee, S. A., Krishnan-Sarin, S., Green, B. G., . . . & O'Malley, S. S. (2015). The Yale craving scale: Development and psychometric properties. *Drug and Alcohol Dependence*, 154, 158-166. doi:10.1016/j.drugalcdep.2015.06.040
- Ruktanonchai, N. W., Lounibos, L. P., Smith, D. L., & Allan, S. A. (2015). Experience- and age-mediated oviposition behaviour in the yellow fever mosquito *Stegomyia aegypti* (= *Aedes aegypti*). *Medical and Veterinary Entomology*, 29(3), 255-262. doi:10.1111/mve.12119
- Salmean, Y. A., Segal, M. S., Palii, S. P., & Dahl, W. J. (2015). Fiber supplementation lowers plasma p-cresol in chronic kidney disease patients. *Journal of Renal Nutrition*, 25(3), 316-320. doi:10.1053/j.jrn.2014.09.002
- Salomon, J. A., Haagsma, J. A., Davis, A., de Noordhout, C. M., Polinder, S., Havelaar, A. H., . . . & Vos, T. (2015). Disability weights for the Global Burden of Disease 2013 study. *Lancet Global Health*, 3(11), e712-723. doi:10.1016/S2214-109X(15)00069-8
- Sarnoski, P. J., Billingsley, V. E., Johnson, J. V., & O'Keefe, S. F. (2015). Effect of solvent on aflatoxin content in extracts of Virginia type peanut skins. *Journal of Food and Health Science*, 1(2), 75-83. doi:10.3153/JFHS1500

- Skeie, E., Strand, E., Pedersen, E. R., Bjorndal, B., Bohov, P., Berge, R. K., . . . & Nygard, O. (2015). Circulating B-vitamins and smoking habits are associated with serum polyunsaturated fatty acids in patients with suspected coronary heart disease: A cross-sectional study. *PLoS ONE*, 10(6). doi:10.1371/journal.pone.0129049
- Spaiser, S. J., Culpepper, T., Nieves, C., Jr., Ukhanova, M., Mai, V., Percival, S. S., . . . & Langkamp-Henken, B. (2015). *Lactobacillus gasser* KS-13, *Bifidobacterium bifidum* G9-1, and *Bifidobacterium longum* MM-2 ingestion induces a less inflammatory cytokine profile and a potentially beneficial shift in gut microbiota in older adults: A randomized, double-blind, placebo-controlled, crossover study. *Journal of the American College of Nutrition*, 34(6), 459-469. doi:10.1080/07315724.2014.983249
- Sreedharan, A., Tokarsky, O., Sargent, S., & Schneider, K. R. (2015). Survival of *Salmonella* spp. on surface-inoculated forced-air cooled and hydrocooled intact strawberries, and in strawberry puree. *Food Control*, 51, 244-250. doi:10.1016/j.foodcont.2014.11.042
- Thany, S. H., Tong, F., & Bloomquist, J. R. (2015). Pre-treatment of *Stegomyia aegypti* mosquitoes with sublethal dose of imidacloprid impairs behavioral avoidance induced by lemon oil and DEET. *Medical and Veterinary Entomology*, 29(1), 99-103. doi:10.1111/mve.12082
- Torgerson, P. R., Devleeschauwer, B., Praet, N., Speybroeck, N., Willingham, A. L., Kasuga, F., . . . & de Silva, N. (2015). World Health Organization estimates of the global and regional disease burden of 11 foodborne parasitic diseases, 2010: A data synthesis. *PLoS Med*, 12(12), e1001920. doi:10.1371/journal.pmed.1001920
- Tripathi, A. K., Haldar, S., Qian, J., Beserra, A., Suda, S., Singh, A., . . . & Singh, N. (2015). Prion protein functions as a ferredoxin partner for ZIP14 and DMT1. *Free Radical Biology and Medicine*, 84, 322-330. doi:10.1016/j.freeradbiomed.2015.03.037
- Ueland, P. M., Ulvik, A., Rios-Avila, L., Midttun, O., & Gregory, J. F. (2015). Direct and functional biomarkers of vitamin B6 status. *Annual Review of Nutrition*, 35, 33-70. doi:10.1146/annurev-nutr-071714-034330
- Valladares, R. B., Graves, C., Wright, K., Gardner, C. L., Lorca, G. L., & Gonzalez, C. F. (2015). H₂O₂ production rate in *Lactobacillus johnsonii* is modulated via the interplay of a heterodimeric flavin oxidoreductase with a soluble 28 Kd PAS domain containing protein. *Frontiers in Microbiology*, 6. doi:10.3389/fmicb.2015.00716
- van den Wijngaard, C. C., Hofhuis, A., Harms, M. G., Haagsma, J. A., Wong, A., de Wit, G. A., . . . & van Pelt, W. (2015). The burden of Lyme borreliosis expressed in disability-adjusted life years. *European Journal of Public Health*, 25(6), 1071-1078. doi:10.1093/eurpub/ckv091
- van Leuken, J. P., van de Kastele, J., Sauter, F. J., van der Hoek, W., Heederik, D., Havelaar, A. H., & Swart, A. N. (2015). Improved correlation of human Q fever incidence to modelled *C. burnetii* concentrations by means of an atmospheric dispersion model. *International Journal Health Geographics*, 14(1), 14. doi:10.1186/s12942-015-0003-y
- Vanek, V. W., Borum, P., Buchman, A., Fessler, T. A., Howard, L., Shenkin, A., . . . & Group, T. E. W. (2015). A call to action to bring safer parenteral micronutrient products to the US market. *Nutrition in Clinical Practice*, 30(4), 559-569. doi:10.1177/0884533615589992
- Vega-Rua, A., Lourenco-de-Oliveira, R., Mousson, L., Vazeille, M., Fuchs, S., Yebakima, A., . . . & Failloux, A. B. (2015). Chikungunya virus transmission potential by local *Aedes* mosquitoes in the Americas and Europe. *PLoS Neglected Tropical Diseases*, 9(5). doi:10.1371/journal.pntd.0003780
- Verma, A., Wong, D. M., Islam, R., Tong, F., Ghavami, M., Mutunga, J. M., . . . & Carlier, P. R. (2015). 3-Oxoisoxazole-2(3H)-carboxamides and isoxazol-3-yl carbamates: Resistance-breaking acetylcholinesterase

inhibitors targeting the malaria mosquito, *Anopheles gambiae*. *Bioorganic & Medicinal Chemistry*, 23, 1321-1340. doi:10.1016/j.bmc.2015.01.026

Wall, M. M., Nishijima, K. A., Sarnoski, P., Keith, L., Chang, L. C., & Wei, Y. Z. (2015). Postharvest ripening of noni fruit (*Morinda citrifolia*) and the microbial and chemical properties of its fermented juice. *Journal of Herbs, Spices & Medicinal Plants*, 21(3), 294-307. doi:10.1080/10496475.2014.970726

Wang, W., Qi, Y., Rocca, J. R., Samoski, P. J., Jia, A., & Gu, L. (2015). Scavenging of toxic acrolein by resveratrol and hesperetin and identification of adducts. *Journal of Agricultural and Food Chemistry*, 63(43), 9488-9495. doi:10.1021/acs.jafc.5b03949

Wang, Y., Tsai, M. L., Chiou, L. Y., Ho, C. T., & Pan, M. H. (2015). Antitumor activity of garcinol in human prostate cancer cells and xenograft mice. *Journal of Agricultural and Food Chemistry*, 63(41), 9047-9052. doi:10.1021/acs.jafc.5b03851

Wessels, I., & Cousins, R. J. (2015). Zinc dyshomeostasis during polymicrobial sepsis in mice involves zinc transporter Zip14 and can be overcome by zinc supplementation. *American Journal of Physiology-Gastrointestinal and Liver Physiology*, 309(9), G768-G778. doi:10.1152/ajpgi.00179.2015

Wilkie, A. C., Graunke, R. E., & Cornejo, C. (2015). Food waste auditing at three Florida schools. *Sustainability*, 7(2), 1370-1387. doi:10.3390/su7021370

Wood, M. V., Sreedharan, A., Silverberg, R., Balaguero, A. N., & Schneider, K. R. (2015). The effects of heat shock on the d-values of *Listeria monocytogenes* on selected seafood matrices. *Advances in Microbiology*, 5(8), 580-585. doi:10.4236/aim.2015.58060

Xu, C., Yagiz, Y., Marshall, S., Li, Z., Simonne, A., Lu, J., & Marshall, M. R. (2015). Application of muscadine grape (*Vitis rotundifolia* Michx.) pomace extract to reduce carcinogenic acrylamide. *Food Chemistry*, 182, 200-208. doi:10.1016/j.foodchem.2015.02.133

Yang, Y., & Toor, G. S. (2015). Fate of nutrients, trace metals, bacteria, and pesticides in nursery recycled water. *Journal of Water Resources and Protection*, 7, 293-299.

Yang, Y., Toor, G. S., & Williams, C. F. (2015). Pharmaceuticals and organochlorine pesticides in sediments of an urban river in Florida. *Journal of Soils and Sediments*, 15(4), 993-1004. doi:10.1007/s11368-015-1077-7

Zhan, F., He, Y., Li, Y., Li, T., Yang, Y. Y., Toor, G. S., & Zhao, Z. (2015). Subcellular distribution and chemical forms of cadmium in a dark septate endophyte (DSE), *Exophiala pisciphila*. *Environmental Science and Pollution Research International*, 22(22), 17897-17905. doi:10.1007/s11356-015-5012-7

Zwart, S. R., Gregory, J. F., Zeisel, S. H., Gibson, C. R., Mader, T. H., Kinchen, J. M., . . . & Smith, S. M. (2016). Genotype, B-vitamin status, and androgens affect spaceflight-induced ophthalmic changes. *FASEB Journal*, 30(1), 141-148. doi:10.1096/fj.15-278457

VIII. Families, Youth, and Communities

Barnett, R. V., Payne-Purvis, C. M., & Culen, G. R. (2015). Perceptions of community and risk behavior exposure for youth in at-risk environments. *National At-risk Youth Journal*, 1(1), 46-59. <http://digitalcommons.georgiasouthern.edu/nyar>

- Harris, V. W., Bedard, K., Moen, D., & Alvarez-Perez, P. (2015). The role of friendship, trust, and love in happy German marriages. *Marriage and Family Review*. doi:10.1080/01494929.2015.1095268
- Jankowski, P., Hardy, S., Zamboanga, B., Ham, L., Schwartz, S., Kim, S., . . . & Cano, M. (2015). Religiousness and levels of hazardous alcohol use: A latent profile analysis. *Journal of Youth and Adolescence*, 44(10), 1968-1983. doi:10.1007/s10964-015-0302-4
- Jones, J. A., & Donmoyer, R. (2015). The multiple meanings of social entrepreneurship and their implications for the nonprofit field. *Journal of Nonprofit Education and Leadership*, 5(1), 12-29. <http://js.sagamorepub.com/jnel/article/view/6171>
- Kumaran, M. (2015). Environmental Governance and Civic Engagement: Key Ingredients for Sustainable Community Development in Island Provinces. *World Environment and Island Studies*, 5(4).
- Kumaran, M., Fogarty, K., Fung, W. M., & Terminello, A. (2015). Improving healthy living youth development program outreach in extension: Lessons learned from the 4-H Health Rocks! program. *Journal of Extension*, 53(3), 7. 3RIB5. <http://www.joe.org/joe/2015june/rb5.php>
- Lindsay, A. C., Greaney, M., Salkeld, J. A., & Walsh, J. (2015). Perspectives of WIC staff regarding physical activity levels and behaviors of Latino preschool children. *Journal of Child Health and Nutrition*, 4, 194-202. doi:10.6000/1929-4247.2015.04.04.1
- Mangan, J. M., Galindo-Gonzalez, S., & Irani, T. A. (2015). Development and initial testing of messages to encourage tuberculosis testing and treatment among Bacille Calmette-Guerin (BCG) vaccinated persons. *Journal of Immigrant and Minority Health*, 17(1), 79-88. doi:10.1007/s10903-013-9928-z
- Moen, D., Bradford, K., Lee, T. R., Harris, V. W., & Stewart, W. (2015). After the honeymoon: The evolution of problem issues in Utah LDS marriages. *Marriage and Family Review*, 51(5), 396-417. doi:10.1080/01494929.2015.1059787
- Moore, K., Swisher, M. E. (2015). The food movement: Growing white privilege, diversity, or empowerment? *Journal of Agriculture, Food Systems, and Community Development*, 5(4), 115-119. doi:10.5304/jafscd.2015.054.01
- Moore, K., Waite, B., Dinkins, D., Swisher, M. E., Delong, A., & Johns, T. (2015). Maximize impact, minimize resources: Locating food deserts and increasing SNAP spending on fruits and vegetables. *Journal of Agriculture, Food Systems, and Community Development*, 6(1), 131-146. doi:10.5304/jafscd.2015.061.012
- Schwartz, S. J., Hardy, S. A., Zamboanga, B. L., Meca, A., Waterman, A. S., Picariello, S., . . . & Forthun, L. F. (2015). Identity in young adulthood: Links with mental health and risky behavior. *Journal of Applied Developmental Psychology*, 36, 39-52. doi:10.1016/j.appdev.2014.10.001
- Toelle, A., Terry, B., Broaddus, B., Kent, H., & Barnett, L. (2015). Evaluating the mentor-mentee relationship in the 4-H Tech Wizards program. *Journal of Extension*, 53(6), 6RIB3. <http://www.joe.org/joe/2015december/rb3.php>
- Vazquez-Aguado, O., Fernandez-Borrero, M. A., Alvarez-Perez, P., & Harris, V. W. (2015). Spanish-Moroccan families in a context of family diversity in Spain. Challenges for the construction of interculturalism. *Journal of Spatial and Organizational Dynamics*, 3(1), 22-35. http://www.cieo.pt/journal/J_1_2015/article2.pdf

- Woehle-Kahn, S., Harris, V. W., & Forthun, L. (2015). Emotional ability among college students: An exploration of gender differences. *Journal of Young Investigators*, 29(4), 6-11. http://www.jyi.org/wp-content/uploads//JYI_Oct2015_18to23.pdf
- Xu, Y., Johnson, C., Bartholomae, S., O'Neill, B., & Gutter, M. S. (2015). Homeownership among millennials: The deferred American dream? *Family and Consumer Sciences Research Journal*, 44(2), 201-212. doi:10.1111/fcsr.12136
- Zamboanga, B. L., Pesigan, I. J. A., Tomaso, C. C., Schwartz, S. J., Ham, L. S., Bersamin, M., . . . & Hurley, E. A. (2015). Frequency of drinking games participation and alcohol-related problems in a multiethnic sample of college students: Do gender and ethnicity matter? *Addictive Behaviors*, 41, 112-116. doi:10.1016/j.addbeh.2014.10.002

IX. Program and Project Support, and Administration, Education, and Communication

- Abrams, K. M., Wang, Z., Song, Y. J., & Galindo-Gonzalez, S. (2015). Data richness trade-offs between face-to-face, online audiovisual, and online text-only focus groups. *Social Science Computer Review*, 33(1), 80-96. doi:10.1177/0894439313519733
- Ahrens, R., Slagle, Z., Stevens, S., & Adams, A. (2015). Evaluating the efficacy of the Florida Keys' angler-assisted permit tagging program. *Environmental Biology of Fishes*, 98, 2251-2261. doi:10.1007/s10641-015-0426-0
- Barrick, R. K., Myers, B. E., & Samy, M. M. (2015). Adoption of innovative teaching strategies in active learning and experiential learning by Egyptian agricultural technical schools instructors. *Journal of Agricultural Extension and Rural Development*, 7(2), 48-55. doi:10.5897/2013.0680
- Benge, M., Harder, A., & Goodwin, J. (2015). Solutions to burnout and retention as perceived by county extension agents of the Colorado University extension system. *Journal of Human Sciences and Extension*, 3(1), 1-16. http://media.wix.com/ugd/c8fe6e_349080f2854b41da902d89c15130d859.pdf
- Besser, C., & Kumaran, M. (2015). An analysis of the organizational structures and administrative processes in nonprofit and us military healthcare organizations. *Cyberhood*, 21. <http://www.thecyberhood.net/documents/papers/BK2015.pdf>
- Bowden, C., & Galindo-Gonzalez, S. (2015). Interviewing when you're not face-to-face: The use of email interviews in a phenomenological study. *International Journal of Doctoral Studies*, 10, 79-92. <http://ijds.org/Volume10/IJDSv10p079-096Boweden0684.pdf>
- Brown, O., Quick, V., Colby, S., Greene, G., Horacek, T., Hoerr, S., . . . & Kattelmann, K. (2015). Recruitment lessons learned from a tailored web-based health intervention Project Y.E.A.H. (Young Adults Eating and Active for Health). *Health Education*, 115(5), 470-479. doi:10.1108/HE-06-2014-0075
- Cantrell, R. A., & Sewell, C., B. (2015). Decision-Ade: An innovative process for segmenting U.S. homeowners by utility-bill "botheredness" and budget constraints. *Journal of Architectural Engineering*, 21(3), 14. doi:10.1061/(ASCE)AE.1943-5568.0000176, 04015004
- Carlton, J. S., & Jacobson, S. K. (2016). Using expert and non expert models of climate change to enhance communication. *Environmental Communication*, 10(1), 1-24. doi:10.1080/17524032.2015.1016544

- Conner, N. W., & Roberts, T. G. (2015). The cultural adaptation process during a short-term study abroad experience in Swaziland. *Journal of Agricultural Education*, 56(1), 155-171. doi:10.5032/jae.2015.01155
- Diehl, D. C., Sloan, N. L., Galindo-Gonzales, S., Bartels, W. L., Dourte, D. R., Furman, C., & Fraisse, C. W. (2015). Toward engagement in climate training: Findings from interviews with agricultural extension professionals. *Journal of Rural Social Sciences*, 30(1), 25-50. <http://www.ag.auburn.edu/auxiliary/srsa/pages/Articles/JRSS%202015%2030/1/JRSS%202015%2030%201%2025-50.pdf>
- Diem, K. G. (2015). Best practices for engaging youth as partners in planning, conducting, and evaluating sustainable development efforts. *Indian Journal of Sustainable Development*, 1(2). <http://www.publishingindia.com/ijsd/88/best-practices-for-engaging-youth-as-partners-in-planning-conducting-and-evaluating-sustainable-development-efforts/403/2846/>
- Drew, J. C., Oli, M. W., Rice, K. C., Ardisson, A. N., Galindo-Gonzalez, S., Sacasa, P. R., . . . & Triplett, E. W. (2015). Development of a Distance Education Program by a Land-Grant University Augments the 2-Year to 4-Year STEM Pipeline and Increases Diversity in STEM. *PLoS ONE*, 10(4). doi:10.1371/journal.pone.0119548
- Evans, J. M., Calabria, J., Borisova, T., Boellstorf, D. E., Sochacka, N., Smolen, M. D., . . . & Risse, L. M. (2015). Effects of local drought condition on public opinions about water supply and future climate change. *Climatic Change*, 132(2), 193-207. doi:10.1007/s10584-015-1425-z
- Farnworth, C. R., Kantor, P., Kruijssen, F., Longley, C., & Colverson, K. E. (2015). Gender integration in livestock and fisheries value chains: Emerging good practices from analysis to action. *International Journal of Agricultural Resources, Governance and Ecology*, 11(3-4), 262-279. doi:10.1504/IJARGE.2015.074093
- Felter, L., Irani, T., Monaghan, P., Carter, H., & Dukes, M. (2015). It's going to take more innovation than technology to increase water conservation practices. *Technology and Innovation*, 17(1/2), 5-19. doi:10.3727/194982415X14349917064757
- Fletcher, P. J., Spranger, M., Hendee, J. C., Li, Y., Clark, M., & Kiker, G. A. (2015). Decision tools for coral reef managers: Using participatory decision support to integrate potential climate impacts and informed decision making. *Global Ecology and Conservation*, 4, 491-504. doi:10.1016/j.gecco.2015.09.003
- Foster, J. S., & Lemus, J. D. (2015). Developing the critical thinking skills of astrobiology students through creative and scientific inquiry. *Astrobiology*, 15(1), 89-99. doi:10.1089/ast.2014.
- Friedl, S. E., Ober, H. K., Stein, T. V., & Andreu, M. G. (2015). Modernizing training options for natural areas managers. *Journal of Extension*, 53(5), 5FEA8. <http://www.joe.org/joe/2015october/a8.php>
- Gay, K. D., Leal, A., Ruth, T. K., Lamm, A. J., & Rumble, J. N. (2015). Comparing the use of visual analogue scales and likert-type scales in international agricultural and extension education surveys. *Journal of International Agricultural and Extension Education*, 22(2). doi:10.5191/jiaee.2015.22203
- Gorham, L. M., Rumble, J. N., & Holt, J. A. (2015). The impact of local: Exploring the impact of availability and location on food buying decisions. *Journal of Applied Communications*, 99(2), 30-43. http://journalofappliedcommunications.org/images/stories/issues/2015/jac_v99_n2_article3.pdf
- Grosser, J. W., Gmitter, F. G., Jr., Dutt, M., Calovic, M., Ling, P., & Castle, B. (2015). Highlights of the University of Florida, citrus research and education center's comprehensive citrus breeding and genetics program. *Acta Horticulturae*. 1065, 405-413. doi:10.17660/ActaHortic.2015.1065.50

- Harder, A. M., Gouldthorpe, J. L., & Goodwin, J. (2015). Exploring organizational factors related to extension employee burnout. *Journal of Extension*, 53(2), 2FEA2. <http://www.joe.org/joe/2015april/a2.php>
- Harder, A., Andenoro, A., Roberts, T. G., Stedman, N., Newberry, M., III, Parker, S. J., & Rodriguez, M. T. (2015). Does study abroad increase employability? *NACTA Journal*, 59(1), 41-48. <http://search.proquest.com/docview/1660304976?accountid=10920>
- Harvey, R. G., Perez, L., & Mazzotti, F. J. (2015). Not seeing is not believing: Volunteer beliefs about Burmese pythons in Florida and implications for public participation in invasive species removal. *Journal of Environmental Planning and Management*, 1-19. doi:10.1080/09640568.2015.1040489
- Hochmair, H. H. (2015). Assessment of bicycle service areas around transit stations. *International Journal of Sustainable Transportation*, 9(1), 15-29. doi:10.1080/15568318.2012.719998
- Hochmair, H. H., & Zielstra, D. (2015). Analysing user contribution patterns of drone pictures to the dronestagram photo sharing portal. *Journal of Spatial Science*, 60(1), 79-98.
- Hochmair, H. H., Zielstra, D., & Neis, P. (2015). Assessing the completeness of bicycle trail and designated lane features in OpenStreetMap for the United States. *Transactions in GIS*, 19(1), 63-81. doi:10.1111/tgis.12081
- Holt, J., Rumble, J. N., Telg, R., & Lamm, A. J. (2015). The message or the channel: An experimental design of consumers' perceptions of a local food message and the media channels used to deliver the information. *Journal of Applied Communications*, 99(4), 6-19. http://journalofappliedcommunications.org/images/stories/issues/2015/jac_v99_n4_article1.pdf
- Huang, P., & Lamm, A. J. (2015). Impact of experience and participation in extension programming on perceptions of water quality issues. *Journal of International Agricultural and Extension Education*, 22(3). doi:10.5191/jiaee.2015.22303
- Huang, P., & Lamm, A. J. (2015). Understanding public engagement in water conservation behaviors and knowledge of water policy: Promising hints for extension. *Journal of Extension*, 53(6), 6R1B1. <http://www.joe.org/joe/2015december/rb1.php>
- Hurst, S. D., Conner, N. W., Stripling, C. T., Blythe, J., Giorgi, A., Rubenstein, E. D., . . . & Roberts, T. G. (2015). An exploration of the formal agricultural education system in Trinidad and Tobago. *Journal of Agricultural Education*, 56(1), 141-154. doi:10.5032/jae.2015.01141
- Hurst, S. D., Roberts, T. G., & Harder, A. (2015). Beliefs and attitudes of secondary agriculture teachers about global agriculture issues. *Journal of Agricultural Education*, 56(1), 188-202. doi:10.5032/jae.2015.01188
- Ireland, J. J. T., & Monroe, M. C. (2015). Should we use wood for energy? An education for sustainable development case study. *Applied Environmental Education and Communication*, 14(2), 82-89. doi:10.1080/1533015X.2014.971978
- Israel, G. D., Borger, R. H., Greer, K., Kelly, S., Byrum, K. L., Pelham, J., . . . & Momol, T. (2015). Using facebook advertising to connect with extension audiences. *Journal of Extension*, 53(4), 4FEA10. <http://www.joe.org/joe/2015august/a10.php>
- Jeong, Y. & Lundy, L. K. (2015). Evaluating food labels and food messages: An experimental study of the impact of message format and product type on evaluations of magazine food advertisements. *Journal of Applied Communications*, 99(1), 52-66. http://journalofappliedcommunications.org/images/stories/issues/2015/jac_v99_n1_article4.pdf

- Jimenez, A., Diaz, M. J., Monroe, M. C., & Benayes, J. (2015). Analysis of the variety of education and outreach interventions in biodiversity conservation projects in Spain. *Journal for Nature Conservation*, 23, 61-72. doi:10.1016/j.jnc.2014.07.002
- Jimenez, A., Monroe, M. C., Zamora, N., & Benayas, J. (2015). Trends in environmental education for biodiversity conservation in Costa Rica. *Environment, Development and Sustainability*. doi:10.1007/s10668-015-9734-y
- Juhász, L., & Hochmair, H. H. (2015). Exploratory Completeness Analysis of Mapillary for Selected Cities in Germany and Austria. *GI_Forum: Journal for Geographic Information Science*, 535-545. doi:10.1553/giscience2015s535
- Kersebaum, K. C., Boote, K. J., Jorgenson, J. S., Nendel, C., Bindi, M., Fruehauf, C., . . . & Wegehenkel, M. (2015). Analysis and classification of data sets for calibration and validation of agro-ecosystem models. *Environmental Modelling & Software*, 72, 402-417. doi:10.1016/j.envsoft.2015.05.009
- Kobziar, L. N., Watts, A. C., Godwin, D., & Taylor, L. (2015). Perspectives on trends, effectiveness, and challenges to prescribed burning in the Southern US. *Forests*, 6(3), 561-580. doi:10.3390/f6030561
- Koeser, A. K., Klein, R. W., Hasing, G., & Northrop, R. J. (2015). Factors driving professional and public urban tree risk perception. *Urban Forestry & Urban Greening*, 14(4), 968-974. doi:10.1016/j.ufug.2015.09.004
- Krantz, S. A., & Monroe, M. C. (2015). Message framing matters: Communicating climate change with forest landowners. *Journal of Forestry*. doi:/10.5849/jof.5814-5057
- Lamm, K. W., Lamm, A. J., & Carter, H. S. (2015). Bridging water issue knowledge gaps between the general public and opinion leaders. *Journal of Agricultural Education*, 56(3), 146-161. doi:10.5032/jae.2015.03146
- Leal, A., J., R., & Lamm, A. J. (2015). Setting the agenda: Exploring Floridian's perceptions of water quality and quantity issues. *Journal of Applied Communications*, 99(3), 53-67. http://journalofappliedcommunications.org/images/stories/issues/2015/jac_v99_n3_article4.pdf
- McCleery, R. A. (2015). Teaching wildlife techniques to millennials with a flipped classroom. *Wildlife Society Bulletin*, 39(4), 822-826. doi:10.1002/wsb.590
- Migliaccio, K. W., Morgan, K. T., Fraise, C., Vellidis, G., & Andreis, J. H. (2015). Performance evaluation of urban turf irrigation smartphone app. *Computers and Electronics in Agriculture*, 118(C), 136-142. doi:10.1016/j.compag.2015.08.015
- Migliaccio, K. W., Morgan, K. T., Vellidis, G., Zotarelli, L., Fraise, C. W., Rowland, D. L., . . . & Crane, J. H. (2015). Smartphone Apps for Irrigation Scheduling. *Transactions of ASABE*. <http://elibrary.asabe.org/azdez.asp?AID=46452&T=2>
- Monaghan, K., Swisher, M., Koenig, R., & Rodriguez, J. C. (2015). Education for sustainable agriculture: a typology of the role of teaching farms in achieving learning goals and objectives. *Environmental Education Research*, 1-24. doi:10.1080/13504622.2015.1091877
- Monroe, M. C., Ballard, H., Oxarart, A., Sturtevant, V. E., Jakes, P. J., & Evans, E. R. (2015). Agencies, educators, communities and wildfire: partnerships to enhance environmental education for youth. *Environmental Education Research*. doi:0.1080/13504622.2015.1057555
- Monroe, M. C., Ireland, J., & Martin, T. A. (2015). Integration of forestry research and extension in an online graduate course. *Journal of Forestry*, 113(2), 240-247. doi:10.5849/jof.14-077

- Monroe, M. C., Plate, R. R., & Colley, L. (2015). Assessing an introduction to systems thinking. *Natural Sciences Education*, 44(1), 11-17. doi:10.4195/nse2014.08.0017
- Monroe, M. C., Plate, R. R., Adams, D. C., & Wojcik, D. J. (2015). Harnessing homophily to improve climate change education. *Environmental Education Review*, 21(2), 221-238. doi:10.1080/13504622.2014.910497
- Moore, A., & Harder, A. (2015). Capacities of extension personnel within the pluralistic system of post-conflict Liberia. *Journal of International Agricultural and Extension Education*, 22(3), 7-19. doi:10.5191/jiaee.2015.22301
- Morera, M. C., Monaghan, P. F., Dukes, M. D., Wells, O., & Davis, S. L. (2015). Evaluating Florida homeowner response to smart irrigation controllers. *HortTechnology*, 25(4), 511-521. <http://horttech.ashspublications.org/content/25/4/511.abstract>
- Mortensen, C. J., & Nicholson, A. M. (2015). The flipped classroom stimulates greater learning and is a modern 21st century approach to teaching today's undergraduates. *Journal of Animal Science*, 93(7), 3722-3731. doi:10.2527/jas.2015-9087
- Mortensen, C., Thoron, A., & Miot, J. (2015). Current learning styles of undergraduate animal-studies students in a 2-year and 4-year degree program. *NACTA Journal*, 59(1), 75-80. <http://www.nactateachers.org/attachments/article/2261/15.%20Mortensen.pdf>
- Nguyen, T. T. N., Evans, E. A., & Migliaccio, K. W. (2016). Modelling decision-making regarding wetland services for wetland management in Tram Chim National Park, Vietnam. *Journal of Environmental Economics and Policy*, 5(1), 28-48. doi:10.1080/21606544.2015.1022229
- Odera, E., Lamm, A. J., Odera, L. C., Duryea, M. L., & Davis, J. M. (2015). Understanding how research experiences foster undergraduate research skill development and influence STEM career choice. *NACTA Journal*, 59, 180-188. http://www.nactateachers.org/attachments/article/2322/6%20%20Odera_Sept2015%20NACTA%20Journal.pdf
- Odom, S. F., Andenoro, A. C., Sandlin, M. R., & Jones, J. L. (2015). Undergraduate leadership students' self-perceived level of moral imagination: An innovative foundation for morality-based leadership curricula. *Journal of Leadership Education*, 14(2), 129-145. http://www.journalofleadershiped.org/attachments/article/376/v14i2_odom2.pdf
- Ott, E. S., Monaghan, P. F., Israel, G. D., Gouldthorpe, J. L., & Wilber, W. (2015). Rain barrel owners as a piece of the water conservation puzzle: Segmenting extension audiences using their landscape water conservation practices. *Journal of Extension*, 53(2). 2RIB5. <http://www.joe.org/joe/2015april/rb5.php>
- Patterson, J. T., & Green, C. C. (2015). Physiological and reproductive response to varying quantitative lipid inclusion in diets for Gulf killifish *Fundulus grandis* Baird and Girard. *Aquaculture Research*, 46(9), 2236-2247. doi:10.1111/are.12381
- Pliakoni, E. D., Deltsidis, A. I., & Brecht, J. K. (2015). Physical and biochemical changes in broccoli that may assist in decision-making related to international marine transport in air or CA/MA. *Acta Horticulturae*, 1071, 951-957. doi:10.17660/ActaHortic.2015.1071.86
- Qubbaj, M. R., Muneeppeerakul, R., Aggarwal, R. M., & Anderies, J. M. (2015). How does a divided population respond to change? *PLoS ONE*, 10(7). doi:10.1371/journal.pone.0128121

- Qubbaj, M. R., Shuttters, S. T., & Muneeppeerakul, R. (2015). Living in a network of scaling cities and finite resources. *Bulletin of Mathematical Biology*, 77(2), 390-407. doi:10.1007/s11538-014-9949-3
- Roberts, T. G., Ganpat, W. G., Narine, L., Heinert, S. B., & Rodriguez, M. T. (2015). Trinidad food producers' training needs for food security and implications for extension. *Journal of International Agricultural and Extension Education*, 22(1), 7-20. doi:10.5191/jiaee.2015.22102
- Rodriguez, M. T., Lamm, A. J., Odera, E., Owens, C. T., & Thompson, S. (2015). Evaluating impacts of school-based extension garden programs from a child's perspective. *Journal of Extension*, 53(1). <http://www.joe.org/joe/2015february/rb4.php>
- Rubenstein, E. D., & Thoron, A. C. (2015). Supervised agricultural experience programs: An examination of committed teachers and student-centered programs. *Journal of Agricultural Education*, 56(4), 75-89. doi:10.5032/jae.2015.04075
- Settle, Q., Rumble, J., Telg, R., Irani, T., Carter, H., & Wysocki, A. (2015). The impact of being a public organization on the public's perceptions of the Florida Forest Service's brand. *Journal of Applied Communications*, 99(1), 6-21. http://journalofappliedcommunications.org/images/stories/issues/2015/jac_v99_n1_article1.pdf
- Sollenberger, L. E. (2015). Challenges, opportunities, and applications of grazing research *Crop Science*, 55(6), 254-2549. doi:10.2135/cropsci2015.02.0070
- Steiner, D., Hochmair, H. H., & Paulus, G. (2015). Quality assessment of open realtime data for public transportation in the Netherlands. *GI_Forum: Journal for Geographic Information Science*, 579-588. doi:10.1553/giscience2015s579
- Stofer, K. (2015). Informal, nonformal, or free-choice education and learning? Toward a common terminology for agriscience and Ag-STEM educators. *Journal of Human Sciences and Extension*, 3(1), 125-134. <https://doaj.org/article/7b45eae5da6a41d18ac3ff63a394ef30>
- Stofer, K. A. (2015). Connecting to agriculture in science centers to address challenges of feeding a growing population. *Science Education and Civic Engagement International Journal*, 7(2), 80-89. <http://d32ogoqmya1dw8.cloudfront.net/files/seceij/summer15/stofer.pdf>
- Terry, B. D., & Osborne, E. (2015). Fundamental dimensions and essential elements of exemplary local extension units. *Journal of Agricultural Education*, 56(2), 43-63. doi:10.5032/jae.2015.02043
- Warner, L. A., Rumble, J., Martin, E., Lamm, A. J., & Cantrell, R. (2015). The effect of strategic message selection on residents' intent to conserve water in the landscape. *Journal of Agricultural Education*, 56(4), 59-74. doi:10.5032/jae.2015.04059
- Warner, L., & Murphrey, T. (2015). An examination of the framework of social marketing to achieve environmental sustainability in international agricultural and extension education. *Journal of International Agricultural and Extension Education*, 22(2), 20-36. doi:10.5191/jiaee.2015.22202
- Warner, L., & Schall, W. L. (2015). Using social marketing principles to explore an extension audience through a retrospective pretest-posttest evaluation of a tri-county irrigation symposium. *Journal of Human Sciences and Extension*, 3(1), 46-62. http://media.wix.com/ugd/c8fe6e_bc167de42310421da5f8fa20aff42b85.pdf