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Solar Decathlon: Closer to Spain every day



The project began a year ago.

Creating a 797-square-foot modular sustainable home to compete in **Solar Decathlon Europe** hasn't been an easy task, but each day that passes brings the team closer to June 2010 and Madrid, Spain.

According to **Dereck Winning**, M.Arch 2007, MSBC 2008 and current Ph.D. architecture student, the Solar Decathlon team has tackled many road blocks.

A recent struggle came when the company they were using for structurally insulated panels went out of business; they are still looking for a new company that can match their original plans.

Besides searching for structurally insulated panels, or SIPs, the team is currently working on branding, fundraising and plans

Research Showcase

Feb. 17

5 p.m. : Reception in the gallery of the Architecture building

6:15 p.m. : Presentation by Harvey M. Jacobs of the University of Wisconsin-Madison

Feb. 18

9 a.m. - 4 p.m. : Presentations

Noon : Lunch in the Perry Construction Yard

All are welcome!

Read about how
Extreme Home
Makeover came to
Gainesville



On the college's
blog, [Columns!](#)

Study abroad
opportunities

Brazil May 7--June 16:

UF's Department of Urban and Regional Planning offers a **six graduate-level credit program** tailored to fit individual academic and research interests.

The program will allow students to explore urban issues in a developing country.

Some of the highlights include:

- *Hands-on experience in São Paulo, Florianópolis, and Curitiba
- *Workshops and lectures
- *No language requirement
- *Free time to travel and explore other places

This year the main project in Curitiba will be focused

for shipping the house to Spain for the competition. The doors and windows have been ordered and students are testing the solar panels for efficiency.

According to Winning, next on the list is working on the interiors and mechanical systems, followed by the deck and outside area.

Rachel Compton, IND 2009 and BCN graduate student, is one of the students working on the interior design plans. She is also a part of the communications committee working on branding.

Compton said that she finds the project worthwhile because she's very interested in the type of house they are building, and is also very concerned with sustainability.

She began working on the project when she was still an undergraduate student.

"I think we've all really taken ownership of it and want to see it come together and see it work," Compton said.

The Zwick family: Bringing Design, Construction and Planning to life



Design, construction and planning is more than a name to the **Zwick family**.

The Zwicks have been involved in the college since the late 70s. Brothers Paul Zwick and John Zwick, as well as John's daughter Kelsey Zwick, all graduated from DCP, each receiving degrees in

on Transportation and Infrastructure Planning, including potential projects related to the 2014 World Cup.

**Application deadline:
March 1, 2010**

U.S.-Brazil Higher Education Consortium:

UF's College of DCP along with its U.S. partner, the University of Cincinnati's School of Planning, will each send two students for a term of study and research at either Universidade Federal do Parana, Setor de Tecnologia, or Universidade Federal do Rio de Janeiro, Prourb, as part of an **exchange program** between the universities from the United States and Brazil.

Eligible undergraduate students will be either juniors or seniors and graduate students will have completed at least their first term of coursework.

Additionally, students selected to participate in the program should have ideally completed at least one year of college Portuguese.

Continuous application process

For more information, contact [Joseli Macedo](#).

different areas -the three areas which are the college's namesake.

(From left to right):

John Zwick received a B.A. in **design** in 1978 and a M.A. in architecture in 1980. He has been a partner in Rood & Zwick Architects for 22 years.

Kelsey Zwick received a B.S. in building **construction** in 2008. She has worked for PPI Construction Management, Inc. for a year.

Paul Zwick received a M.A. in urban and regional **planning** in 1981 and a Ph.D. in environmental engineering in 1985. He is now DCP associate dean for Research & Graduate Programs.

Noteworthy

Architecture assistant professor **Ruth Ron** presented her collaborative research on digitally generated design in a conference in Tokyo, Japan in November 2009. The research project suggests the use of simulation tools to generate architectural form. It won the Academy Encouragement Award and grant in the 3D VR Simulation Contest by UC-win/Road at the 3rd International VR Symposium hosted by Forum8 Tokyo, as part of their 2009 Design Festival.

The presentation, "**Noise Analysis and Combined Form of Highway Bridge in Orlando,**" integrated 3D modeling and advanced traffic simulation to investigate the use of simulation results for form genesis.

Ron and her group, **Matthew Swarts**, research scientist in the Imagine Lab in the College of Architecture at Georgia Tech, and **Yasha Grobman**, Post-Doctoral Fellow at Harvard University's Graduate School of Design, were invited to work on the project for two additional years.

Architecture professor **Gary W. Siebein**, FASA, FAIA, was selected as head of the U.S. Delegation to the International Standards Organization Technical Committee 43 on Noise and Building Acoustics meeting in Seoul, Korea, in October, 2009. He presented "Soundscape Applications: From Theory to Practice" as part of a working group developing international standards on

Upcoming Events

URP Research Seminar Series

Jan. 22: Earl Starnes, Ph. D., professor emeritus will present "The History of Planning in Florida: Lessons Learned?" in ARCH 213 from 11:40-12:40.

Architecture Lecture Series

Jan. 25: Architect Douglas Gauthier will speak about his recent work at 6:15 p.m. in 137 Norman Hall

Feb. 15: Architect Peter Rich will present, "Learnt in Translation" at 6:15 p.m. in 137 Norman Hall

[See SoA lecture schedule](#)

Commencement

DCP's Spring 2010 Commencement for bachelor's degree candidates will be held at **5 p.m. on Saturday, May 1 in the Phillips Center for Performing Arts.**

For more information, visit the DCP [Commencement page](#).

soundscape assessment methods which has been an important part of his research and practice for the past 15 years.

Siebein also was appointed to a committee of six experts by the International Codes Council to prepare a formal commentary on the sound control provisions in the International Building Code. The commentary is currently in draft form and will be submitted for formal IBC approval this spring. The purpose of the commentary is to lay a foundation for future changes to the sound control portion of the IBC, to clarify current performance requirements and to provide recommendations for "code plus" performance criteria for multi-family housing as well as other occupancies.

This past August, **R. Raymond Issa**, Ph.D., J.D., P.E., was elected a **Fellow of the American Society of Civil Engineers**. Issa first joined the ASCE as a student member in 1974. Upon graduation he joined as an associate member and in 1981 he became a full member. He has served ASCE in various capacities on the Technical Council on Computing and Information Technology (TCCIT) Education and subsequently Intelligent Computing Committees (secretary, vice chair and chair from 1993 until 2005.)

In 2005 he joined the TCCIT executive committee where he has served as secretary, vice-chair and currently is serving as chair. In addition since 2007 he has been an ASCE representative on U. S. Joint NSPE/ASCE/ASME Task Force on UPADI (Pan American Association of Engineering Societies). Issa is also a member of the ASCE Global Center on Computing in Civil Engineering.

You are newsworthy!

Planned something exciting for the new year?
Received an award?

[Let us know](#) and we will feature you in an upcoming issue of **DCP News**.

The next issue will be distributed on **Jan. 29**.
Submissions are due by **Jan 22**.

News Tips

Please send news tips for the next issue to [Julie Frey](#) or [Allie Layos](#) by Jan 22.

DCP News is published by the University of Florida College of Design, Construction and Planning. News and announcements contained in DCP News were submitted by DCP faculty and staff. To make a submission, please contact [Allie Layos](#) or [Julie Frey](#).

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