**Proposed Chapter, Title: Leveraging Digital & Analog Collection Development Expertise to Create Scholarly Cyberinfrastructure for the Digital Humanities (Proposed for: *Digital Humanities in the Library: Challenges and Opportunities for Subject Specialists*)**

Academic libraries and teaching departments sometimes treat Digital Humanities (DH) as radically new. While DH is radically new, it is also fundamentally rooted in the humanities and directly and intricately connected to core activities by subject specialist librarians, including collection development and collaboration with teaching faculty. In this chapter, we explain how the University of Florida Smathers Libraries leveraged the library digital collections—with rich technical features and content, and a robust underlying infrastructure—to create the necessary scholarly cyberinfrastructure for DH and simultaneously leveraged DH for library needs. To do so, we show how Subject Specialist Librarians leveraged the new DH opportunities to fundamentally enrich and improve existing, seemingly more traditional work, including collection development, library scholarly councils, collaboration among libraries for print and digital collections, outreach and instruction, and more.

The overall chapter shows how return on investment can be maximized for DH activities through integrating DH with existing operations, aligning DH with existing needs, and also using DH to extend and build into new areas specifically by working with and from Subject Specialist Librarians’ existing skills and expertise. In doing so, we show how Subject Specialist Librarians are critically important to DH activities, and the reverse. DH activities are critically important for Subject Specialist Librarians for growing skills and other specific activities, but most importantly for opportunities in DH activities that are directly relevant to all academic library concerns in the digital age, and for coming needs with the age of big data. By focusing on specific projects, we show how Subject Specialist Librarians are clearly needed for DH and the measurable benefits from their involvement. For the different projects covered, we review different ways of setting up collaborative team activities for best capitalizing on all expertise for project success, and as part of the longer-term needs associated with transforming positions, roles, and ways of working. The end of the chapter concludes with a set of recommendations and considerations for undertaking DH successful for specific projects, longer-term success with changed roles for Subject Specialist Librarian and changed ways of working, and how DH can inform and support data management needs, with Subject Specialist Librarians in the humanities having critical and vital information and expertise to share in developing sustainable data management programs.

The chapter begins with a brief overview of digital collection development in the UF Libraries to show how the infrastructure developed with and for librarians, scholars, archivists, and many others. The UF Libraries began digitizing for preservation in the early 1990s, building to today with over 500 digital collections representing over 30 million files for UF and partner institutions, and numerous digital scholarship and DH projects.[[1]](#footnote-1) UF’s digital collection development success was made possible through the close collaboration among subject, functional, and technical specialist librarians, along with partners from many fields. By 2010, the UF Libraries had centralized servers in UF’s state of the art data center, gaining all the benefits of cloud computing without the risks associated with external agencies.

The UF Libraries continue to build on this robust core, developing full socio-technical supports (people, policies, technologies, etc.) for digital scholarship and DH. UF Subject Specialist Librarians built from this foundation, developing innovative new projects and services, all the while working to further innovate and extend, especially through new opportunities with DH. In providing an overview of this process, we show the importance of contributions from and collaboration with Subject Specialist Librarians for individual DH projects and for DH at scale, as part of the overall scholarly cyberinfrastructure in the age of big data. To do so, we focus on several specific projects which are DH projects and are also simultaneously part of the programmatic work in developing scholarly cyberinfrastructure. Using specific examples, this chapter shows how DH activities can support: faculty development and upskilling for librarians as they share expertise and blend roles (blending subject, functional, and technical expertise) while on collaborative DH teams; closer collaborative relationships with librarians and scholars for the shared subject area; opportunities for multi-institutional collaboration on analog and digital collection development that support core, traditional work and enables new opportunities; and more. Specific projects to be covered include: an internal grant project to create a Scholar’s Council for the Baldwin Library of Historical Children’s Literature, developing the responsibilities and roles using a DH project for application and testing; the Centers of Excellence model for collaborative analog and digital collection development which further emphasizes excellence and expertise with specific subject librarians; and other examples.

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**Brief description of your academic institution:[[2]](#footnote-2)**

The University of Florida is a major, public, comprehensive, land-grant, research intensive university. UF is among the nation’s most academically diverse public universities with 16 colleges and more than 200 research, service and education centers, bureaus and institutes.

UF’s Libraries form the largest information resource system in the State of Florida, and are one of the largest library systems in the United States. Within UF’s Library Systems, the humanities are served from several physical libraries (e.g., Library West, the largest library building; rare, unique holdings in Special & Area Studies Collections; etc.). Humanities support includes Subject Specialist Librarians, various blended functional, technical, and subject specialists, teams (e.g., Data Management/Curation Task Force, Digital Development & Web Services, etc.), and more. UF’s size and comparably lower funding demand collaborative and innovative approaches, as well as approaches that leverage capacity whenever possible.

1. See the UF Digital Collections (<http://ufdc.ufl.edu/>), SobekCM Open Source Software by UF and partners (<http://sobekrepository.org/>), and Digital Humanities Projects at UF (<http://libraru.ufl.edu/digitalhumanities>). [↑](#footnote-ref-1)
2. For more, see: <http://www.ufl.edu/about-uf/> and <http://www.ufl.edu/academics/> [↑](#footnote-ref-2)