POSITION VACANCY ANNOUNCEMENT

POSITION: Reproducibility Librarian

RANK: Assistant University Librarian or Associate University Librarian

REPORTS TO: Health Science Center Libraries Team Lead, Biomedical & Health Information Services

SALARY: Actual salary will reflect selected professional’s experience and credentials
Minimum Salary at the Assistant University Librarian rank is $54,035
Minimum Salary at the Associate University Librarian rank is $62,500

REQUISITION #: 43480

DEADLINE DATE: March 13, 2019 - review of applications will begin on February 20, 2019

Please note: this posting has specific instructions for the submission of application materials. Failure to submit the required documents may result in the application not being considered.

JOB SUMMARY
The George A. Smathers Libraries at the University of Florida seek a Reproducibility Librarian to develop a transdisciplinary research reproducibility and open science education and support strategy for the institution. This position will be located in the Health Science Center Library (HSCL) in Gainesville. The Reproducibility Librarian is a year-round tenure-track library faculty position with a leading role in designing and enacting a multifaceted program aimed to enhance campus-wide efforts to promote and improve research reproducibility from design to publication. The Reproducibility Librarian participates as an active member of library and campus-wide teams to develop information, data science, and research programming and support. The incumbent will provide interdisciplinary information consultation services in a variety of modes, design workshops to promote research reproducibility, perform course-integrated instruction, and participate in the Health Science Center Library’s teaching program. The position is responsible for special projects as assigned, such as new service development and evaluation, and development of web-based resources. The librarian works collaboratively in group efforts and maintains professional relationships with faculty, students and colleagues.

The Smathers Libraries encourage staff participation in reaching management decisions and consequently the Reproducibility Librarian will serve on various committees and teams. To support all students and faculty, and foster excellence in a diverse and collaborative society, the Libraries are actively seeking candidates who bring culturally-rich lived experiences to work with individuals of diverse backgrounds, experiences, races, ethnicities, genders, gender identities, sexual orientation, and perspectives. The Smathers Libraries recently created a new strategic direction focused on ensuring that the Libraries are a safe, supportive and welcoming learning environment for all users and on focusing engagement efforts to diverse populations within the University and local community. The Reproducibility Librarian will pursue professional development opportunities, including research, publication, and professional service activities in order to meet library-wide criteria for tenure and promotion.

The Foundation for The Gator Nation
An Equal Opportunity Institution
RESPONSIBILITIES
1. Develops a nationally recognized program in library-based research reproducibility education and support services at the George A. Smathers Libraries in collaboration with colleagues across the libraries and campus.
2. Provides expertise and consultation services in the areas of research reproducibility and open science to students, staff, and faculty at the University of Florida.
3. Designs and provides instructional programs on techniques to enhance research reproducibility and conduct open science, including the documentation and preservation of experiments and computational analysis.
4. Participates as an active member of library-based teams such as Academic Research Consulting & Services (ARCS) (http://arcs.uflib.ufl.edu/), which includes librarians specializing in data management, bioinformatics, and informatics.
5. Participates as an active member on campus-wide groups such as Data Management/Curation Working Group and Informatics and Analytics Task Force.
6. Provides library liaison services to faculty, post-docs, students, and staff in assigned Health Science Center departments and programs. Liaison services include instruction, training, consultation, collection development, and other client-centered services as identified.
7. Contributes to university-wide initiatives to develop and design policies, services, and infrastructure to enable faculty and students to preserve and make available their data, code, and experimental protocols.
8. Partners with colleagues to promote a research data environment that embraces the FAIR Guiding Principles.
9. Collaborates with library departments and colleagues to develop library infrastructures and services that enhance access to research data and code, workflows, documentation, and analytic tools.
10. Cultivates relationships with other faculty and researchers to identify opportunities for library partnerships.
11. Maintains an awareness of current tools and methodologies for computationally centered, data-driven research and reproducible research workflow development.
12. Performs scholarly research and provides service at the institutional and professional levels as related to assignment and in accordance with tenure and promotion criteria.

QUALIFICATIONS
Required:
1. Master’s degree in data science, Library or Information Science from an ALA-accredited (or foreign equivalent) program, or other relevant advanced degree.
2. For appointment at the Associate University Librarian rank, eight years of relevant experience.
3. Initiative, flexibility and the ability to adapt to a complex, rapidly changing academic environment.
4. Ability, as part of a dynamic and collaborative team, to pioneer the development and implementation of a vision for a comprehensive research reproducibility and open science program to support the university’s interdisciplinary research initiatives.
5. Ability to think creatively and analytically in developing, assessing, and promoting the use of library services, technologies, and collections through a variety of outreach efforts.
6. Knowledge of funding agency requirements for data sharing and data management plans, particularly in the health sciences.
7. Ability to initiate and manage collaborative projects and develop policies.
8. Commitment to including individuals of diverse backgrounds, experiences, races, ethnicities, gender identities, sexual orientation, and perspectives in research, teaching, service and other work.
9. Excellent oral and written communication skills.
10. Ability to work both independently and collaboratively with researchers, faculty, students, administrators, and the general public.
11. Strong potential for meeting the requirements of tenure and promotion (outlined at http://www.uflib.ufl.edu/pers/cdh).
Preferred:
1. Knowledge of critical issues regarding reproducible research best practices, research data lifecycle, and scholarly communication issues across disciplines and research types
2. Master’s or Ph.D. in computer or information science, biomedical informatics, computational biology, data science, or similar data-intensive discipline
3. Knowledge of or proficiency in open science tools or tools that can be used to enhance research reproducibility, such as electronic lab notebooks, open science platforms, Jupyter Notebook, reporting guidelines, and data repositories
4. Knowledge and experience in adult learning through teaching, training, and/or instruction
5. Knowledge of or proficiency in computer languages and tools used in data analysis (e.g., R, Python, C++, Unix)
6. Background in biomedical sciences, biology, biostatistics, or statistics
7. Familiarity with clinical trials and other human-subjects research standards and regulations
8. Familiarity with reproducibility issues in wet labs, e.g., cell line authentication standards, analysis of images including those obtained from microscopy or Western blots, or laboratory quality assurance practices
9. Knowledge of data anonymization and de-identification techniques and standards

THE UNIVERSITY OF FLORIDA
The University of Florida (UF) is a major, public, comprehensive, land-grant, research university. The state's oldest and most comprehensive university, UF is among the nation's most academically diverse public universities and won the 2018 Senator Paul Simon Award for Comprehensive Internationalization. UF was ranked 9th among public universities in Forbes’ “America’s Best Employers 2015” and 9th among “Top Public Schools” in U.S. News and World in 2017. UF has a long history of established programs in international education, research and service. In 2013 the Florida Legislature designated UF as the state’s preeminent institution which grew into an opportunity to achieve national and international recognition for the University’s work in serving students and the world. It is one of only 17 public, land-grant universities that belong to the Association of American Universities. UF traces its beginnings to a small seminary in 1853 and is now one of the largest universities in the nation, with more than 50,000 students. For more information, please consult the UF homepage at http://www.ufl.edu.

UNIVERSITY OF FLORIDA LIBRARIES
The libraries of the University of Florida form the largest information resource system in the state of Florida. The UF Libraries consist of seven libraries on the Gainesville campus and three off-campus facilities; six of the campus libraries, and all of the off-site facilities, are in the system known as the George A. Smathers Libraries at the University of Florida. The remaining library is the Lawton Chiles Legal Information Center. Collectively, the UF Libraries (the Smathers Libraries and the Legal Information Center) hold or provide access to over 6 million print volumes, 8.1 million microfilms, 1.5 million e-books, over 145,000 full-text electronic journals, 827 electronic databases, 1.3 million documents and 1.4 million maps and images.

The UF Libraries have built a number of nationally significant research collections, including the Latin American, Judaica, Florida History, Children’s Literature, and Maps and Imagery collections. The UF Libraries are a member of the Association of Research Libraries (ARL), the Center for Research Libraries (CRL), and the Association of Southeastern Research Libraries (ASERL). The library staff consists of more than 300 FTE librarians, technical/clerical staff and student assistants. The organizational chart is available at http://www.uflib.ufl.edu/orgchart.pdf.

The George A. Smathers Libraries are strong advocates for inclusion and intellectual freedom. The Libraries’ commitment to both is articulated in the Inclusion Statement and Intellectual Freedom Statement, both of which are posted at http://cms.uflib.ufl.edu/InclusionAndIntellectualFreedom.
HEALTH SCIENCE CENTER LIBRARIES
The Health Science Center (HSC) Libraries constitute one of the largest health sciences library systems in the Southeast. With libraries located in Gainesville and on the University of Florida Health Science Center Jacksonville campus (Borland Library), the HSC Libraries provide services and programs to support UFHealth, which includes the Colleges of Dentistry, Medicine, Nursing, Pharmacy, Public Health and Health Professions, and Veterinary Medicine, as well as the Clinical and Translational Science Institute; the Emerging Pathogens Institute; the Genetics Institute; the Institute on Aging; the Institute for Child and Health Policy; and the McKnight Brain Institute.

COMMUNITY
Gainesville, Florida and the surrounding community are home to approximately 257,000 people and both the University of Florida and Santa Fe College. Situated just over an hour from the Gulf of Mexico and the Atlantic Ocean, the city is surrounded by over 40 nature parks, including many spring-fed lakes and rivers. In 2015, Gainesville was named the “Best Midsize College City in America” by WalletHub and ranked no. 7 on Livability.com “Top 10 College Towns”. Gainesville is known as an innovative municipal government and an innovative city. Gainesville continues to receive national recognition as a top-rated city. Some of Gainesville's accolades are listed at the Gainesville Awards and Recognition link. The Guide to Greater Gainesville combines award winning photography and compelling articles that capture all of the reasons for calling Greater Gainesville your next home. The area has numerous cultural institutions and is a haven for sports fans. Jacksonville, Orlando, Tampa, Tallahassee, and St. Augustine are all within a two-hour drive. Gainesville is an affordable city and area to live in – using a cost of living calculator you can compare cities across the United States. See how affordable Gainesville really is!

BENEFITS
Vacation days, paid holidays, and sick leave days; retirement plan options; insurance benefits; tuition fee waiver program; no state or local income tax. Prospective employees should review the information about employment and benefits at UF available at http://hr.ufl.edu/benefits/. UF offers a comprehensive new online benefits tool called ALEX to help employees and prospective employees review benefit choices at UF.

APPLICATION PROCESS
To apply, submit 1) a cover letter detailing your interest in and qualifications for this position; 2) a written statement on the following topic: “What are your top two tips for ensuring reproducibility in research. Also include your rationale for your selection.” (250 words); 3) your current resume or CV; and 4) a list of three references including their contact information (address, telephone number, and email). Apply by March 13, 2019 (applications will be reviewed beginning February 20, 2019). Submit all application materials through the Jobs at UF online application system at Requisition 43480. Failure to submit the required documents may result in the application not being considered. If you have any questions or concerns about this process please contact Bonnie Smith, George A. Smathers Libraries Human Resources Office, at bonniesmith@ufl.edu.

Final candidate will be required to provide official transcript to the hiring department upon hire. A transcript will not be considered “official” if a designation of “Issued to Student” is visible. Degrees earned from an education institution outside of the United States are required to be evaluated by a professional credentialing service provider approved by National Association of Credential Evaluation Services (NACES), which can be found at http://www.naces.org/.

AFFIRMATIVE ACTION/EEO
The University of Florida is an Affirmative Action, Equal Opportunity Employer and encourages applications from women and minority group members. We are dedicated to the goal of building a culturally diverse and pluralistic environment; we strongly encourage applications from women, members of underrepresented groups, individuals with disabilities, and veterans. As part of the application process, applicants are invited to complete an on-line confidential and voluntary demographic self-disclosure form which can be found at: http://hr.ufl.edu/data-card/. This information is collected by the University of
Florida's Office of Human Resources to track applicant trends and is in no way considered by the Smathers Libraries in the selection process.