POSITION TITLE: Data Analyst  
POSITION CLASSIFICATION: Information Analyst II  
DEPARTMENT: Research Initiatives  
STATUS: Full-time  
DATE: June 2019  

POSITION SUMMARY:  
The River Campus Libraries seeks a creative and collaborative Data Analyst to join the Research Initiatives department. The Data Analyst plays a key role in encouraging and guiding the high-level collection, use, and analysis of data to support and enrich the university’s research activities, and to understand and demonstrate the impact of the university’s research enterprise. Reporting to the Director of Research Initiatives, and in close collaboration with library and institutional colleagues, this role provides expertise on research metrics, data analysis and programming, and communicating with data. The incumbent will leverage data and coding skills, alongside creative approaches to problem solving, to develop tools and analyses that enable evidence-based decision making, and that enhance the programs and services offered in support of university researchers.  

Key responsibilities of this role include: exploring and analyzing bibliometric and other data, creating compelling data stories and reports, and leveraging new technologies and methods to support the creation and iteration of data-informed programs and services. Alongside library and university colleagues, the Data Analyst helps foster a dynamic and collaborative research environment that encourages scholarly engagement, inquiry, critical thinking, and creativity.  

SPECIFIC RESPONSIBILITIES:  

Research Impact Analysis: 40%  
- Provides expertise and support on projects that seek to measure and accurately represent the University’s research enterprise in local information systems, as well as external platforms, databases, and information sources  
- Conducts ongoing data collection and data analysis to develop and maintain dashboards, models, and other tools focused on monitoring, understanding, and assessing bibliometric indicators related university research activities  
- Adopts a technical leadership role on Research Initiatives projects and advises on best practices and approaches to innovate the analysis and use of research impact data  
- Remains current on trends and issues in university rankings, research impact, and research evaluation  

Communicating with Data: 20%  
- Develops reports, visualizations, and other digital or interactive outputs focused on communicating university research impact, research strengths, and emerging trends to decision makers  
- With library and university colleagues, leverages data to help tell compelling stories about university research and the role of the library in supporting that work  
- Remains current on trends and best practices related to communicating with data  

Knowledge Mobilization: 20%  
- Provides training, support, and expertise on existing and emerging research tools and workflows, with an emphasis on data-driven methods and practices
• With colleagues in the Research Initiatives department, leverages data to assess researcher needs and create data-informed programs and services
• Remains current on trends and issues in scholarly communications and open scholarship

Outreach and Collaboration: 10%
• Serves as liaison between the Research Initiatives department and library IT, as well as other IT units across the university
• Provides technical expertise on university initiatives related to research impact and research evaluation

Miscellaneous Duties: 10%
• Maintains currency with library functions, resources, practices and procedures
• Participates in and contributes towards River Campus Libraries and University committees, meetings, and events
• Maintains professional collaborations with River Campus Libraries colleagues and university constituencies
• Contributes to the profession through active participation in conferences, associations, research, and writing.
• Performs other duties as assigned

REQUIREMENTS:

Required:
• Degree in Computer Science, Data Science, Statistics, Digital Humanities or other software- or data-related discipline, or expertise and ability demonstrated by course, project, or career experience
• Demonstrated experience working with Python, in particular data analysis packages like Pandas, Numpy, Scipy, Scikit-Learn, Seaborn, and/or Gensim.
• Demonstrated experience working with APIs and web services
• Demonstrated ability to discover, and quickly become competent using new technologies, software, and devices; willingness to explore the use of innovative technologies with a high tolerance for risk and failure
• Outstanding interpersonal skills and abilities, and comfortable working collaboratively in a team environment
• Self-starter who is flexible, creative, and open to new challenges
• Demonstrated strong commitment to diversity

Preferred:
• Experience working with research impact tools and metrics
• Experience in network science analysis
The University and the Library
The University of Rochester Libraries is a charter member of the Association of Research Libraries and has collections of more than three million volumes and more than 150,000 active serial titles. This is an exciting time to join the River Campus, as we are in the early stages of implementing a new strategic plan that supports the innovative teaching and learning as a tier 1 research university. This provides a unique opportunity for incumbents to implement the strategies to achieve the Libraries vision of providing transformational experiences for faculty and students to achieve their scholarly aspirations.

The University of Rochester is the largest employer in the Greater Rochester area, sixth largest private employer in New York State and one of the nation's leading private research universities. More than 11,000 undergraduate and graduate students are enrolled at UR Located in Rochester, New York. UR gives students exceptional opportunities for interdisciplinary study and close collaboration with faculty through its unique cluster-based curriculum. For more information on the University and the Libraries, please visit our website: www.library.rochester.edu.

Among the 100 largest metropolitan regions in the country, Greater Rochester has earned a reputation as one of the most livable communities in the nation. Located on the southern shore of Lake Ontario and gateway to the scenic Finger Lakes, Rochester offers its 1.1 million residents the amenities of a metropolitan area with a quality of life not available in many urban regions. This lively metropolitan area boasts 20,000 acres of parkland and offers year-round recreational opportunities for those who like to be outdoors in all seasons. Rochester is the home to a variety of world class, performing arts, fine arts, museums and cultural festivals. Several high schools in the greater Rochester area have been consistently listed by Newsweek as among the best in the country. Rochester is also recognized as one of the most affordable housing markets in the country.
For more information about living in Rochester: Visit Rochester

TO BE CONSIDERED FOR THIS POSITION APPLICANTS MUST APPLY ONLINE AT:
http://www.rochester.edu/working/hr/jobs/

Reference ID: 215920

*When applying online, please upload your cover letter & resume as one pdf document.

Position will remain open until filled.

If you have questions or need more information about the position send an email to: RCLHR@library.rochester.edu

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