Digital Scholarship Resident
12 month position

[UMass Amherst](), the flagship campus of the University of Massachusetts system, sits on nearly 1,450-acres in the scenic Pioneer Valley of Western Massachusetts, 90 miles from Boston and 175 miles from New York City. The campus provides a rich cultural environment in a rural setting close to major urban centers.

As a gateway to knowledge, the [UMass Amherst Libraries]() are key partners in teaching, learning, and research at UMass Amherst and in the Commonwealth of Massachusetts. Supporting freedom of inquiry, the Libraries foster a diverse and inclusive environment in which to engage with ideas and acquire the critical skills necessary for lifelong learning.

The [UMass Amherst Libraries]() seek a dynamic and innovative Digital Scholarship Resident to Evaluates, recommends, and develops as necessary applications and tools to support incoming and ongoing academic digital scholarship research projects. In collaboration with stakeholders, identify requirements, develop workflows, and implement digital services solutions for incoming and ongoing research projects and curricular initiatives. Potential projects may include data mining, text analysis and other related digital scholarship methods, consultation on solutions for digital scholarship projects.

This position is a one-year (12 months) term appointment

Example of Duties:
1. Work in close partnership with the Digital Scholarship Center, the Digital Media Lab Unit, and other library departments to prioritize projects, recommend strategies and implement applications and technologies to support digital scholarship services.
2. Identify, define and analyze requirements to meet the expectations of stakeholders and intended end users needs, scheduled timeline, and budgetary targets.
3. Actively support research projects and assist faculty and graduate students in the use of digital methods such as data visualization, text mining, text encoding (TEI), geographic information systems (GIS) and content management systems.
4. Communicate with web developers, system administrators, and project managers in the evaluation, education and implementation of a robust digital scholarship support system.
5. Contribute to the recommendation or development of digital tools and platforms for analysis, visualization, presentation, and reuse of content. Design, program, and/or adapt existing tools in support of digital scholarship.
6. Analyze client requests to develop specifications for academic programs by applying digital scholarship methods, statistical pattern learning and digital evidence.
7. Work creatively, collaboratively, and effectively to promote teamwork, diversity, equality, and inclusiveness within the Libraries and the campus. Attend professional development activities as assigned or required to meet departmental goals and objectives.
8. Understands responsibilities with respect to conflicts of interest and behaves in ways consistent both with law and with University policy
9. Perform related duties as assigned or required to meet Department, Executive Area/Division, and University goals and objectives.

Required Qualifications:
1. Bachelor's degree in any area.
2. Demonstrated experience in managing technology projects
3. Working knowledge of advanced training with Python, XML and/or SQL.
4. Working knowledge of one or more digital scholarship technologies (e.g., visualization, text mining, text encoding, GIS, Network analysis, database design, digital publishing, presentation and content management tools) for creating and transmitting scholarship.
5. Demonstrated experience with application development in at least one major programming language such as Ruby on Rails, PHP, Perl, and/or Java.

6. Demonstrated knowledge of web applications in a LAMP (Linux, Apache, MySQL, and PHP) environment
7. Working knowledge of Linked Data principles.
8. Excellent interpersonal, oral and written communication skills and the ability to interact effectively and work productively to establish and maintain harmonious working relationships with a diverse population.
9. Ability to work independently and collaboratively, prioritizing work to meet departmental and library goals. Ability to exercise sound judgment.

RANK AND SALARY COMMENSURATE WITH SKILLS AND EXPERIENCE
Professional Salary Scale level 26
https://www.umass.edu/humres/sites/default/files/2015 PSU Salary Schedule.pdf

Application Instructions:
Apply online at http://careers.umass.edu/amherst/en-us/job/496109/digital-scholarship-resident-12-month-position and submit a letter of application, resume and contact information (phone and email) for three professional references by November 16, 2018.

The University of Massachusetts Amherst is strongly committed to excellence and actively supports cultural diversity. As part of a commitment to its own multicultural community, the Libraries seek an individual with a demonstrated commitment to diversity and one who will understand and embrace University initiatives and aspirations. The University of Massachusetts Amherst is an Affirmative Action/Equal Opportunity Employer of women, minorities, protected veterans, and individuals with disabilities and encourages applications from these and other protected group members.