



**SCHOOL OF NURSING
JOB OPPORTUNITY
GIS ANALYST 1, 2 OR 3 (Research Assistant 1, 2 OR 3)
HEALTHCARE ANALYTICS, TECHNOLOGY TRANSFER, RESEARCH AND EVALUATION**

[PLEASE FOLLOW THE SPECIFIC APPLICATION FILING INSTRUCTIONS AT THE BOTTOM OF THIS PAGE!](#)

Open To: The Public

Location: University of Connecticut; position is currently in Farmington but will be relocated to Hartford

Job Posting No: 2016547

Hours: 40 hrs/wk, Monday – Friday 8:00 a.m. – 5:00 p.m.

Salary: Commensurate with background and experience

Closing Date: May 15, 2016

Position Overview: The Healthcare Analytics, Technology Transfer, Research and Evaluation Group (<http://chatter.uconn.edu/>) within the School of Nursing at University of Connecticut (<http://nursing.uconn.edu/>) is seeking to hire **one Geographic Information System (GIS) Analyst 1/2/3** [Research Assistant 1/2/3]. This position will be accountable for providing project support, performing advanced geospatial analysis, statistical analyses, interpreting results, and writing results for research projects.

The selected candidate will be responsible for data collection and analysis of large scale data sets; developing and maintaining the Geographic Information System (GIS) in cooperation with other state entities; providing digital maps, geographic databases and data files; designing, creating, maintaining and disseminating maps, databases, and various data sets; monitoring GIS databases for accuracy and data integrity; performing complex geospatial data processing including geodatabase management, data collection, detailed editing reporting and geocoding functions; developing and implementing standards, processes and procedures for data input and maintenance of GIS; organizing, scheduling, and facilitating meetings, focus groups, presentations and stakeholder engagement activities; creating written documentation, including project overviews for print and online publication, project reports; and creating and delivering presentations.

This is a full-time, grant-funded end-dated position that is subject to annual renewal depending on available funding and job performance. The position is currently based in Farmington, CT, but will be relocated to Hartford in 2016. The standard work schedule is Monday – Friday, 8:00 am – 5:00 pm. Salary will be commensurate on successful candidate's background and experience.

Knowledge, Skills and Abilities: Bachelor's Degree in environmental science, Geography/GIS/Cartography, computer science, or an equivalent field. Basic understanding and familiarity with spatial statistics. Ability to perform spatial analysis (including buffers, extractions, etc.) using ESRI's ArcToolbox, or comparable. Knowledge of raster processing, vector overlay analysis, suitability analysis. Excellent verbal and written communication with ability to work with a diverse group of people, including non-technical staff. Ability to work on multiple projects at the same time and demonstrate ability to learn new technology solutions and analytic methodologies. Strong commitment to excellence in research. Must possess energy and drive to coordinate multiple projects simultaneously with an ability to prioritize tasks. Ability to maintain confidentiality and professionally handle confidential information. Ability to work with clinical staff and researchers to analyze data requirements and define study parameters. Ability to use tact and diplomacy to maintain effective working relationships and excellent customer service. Highly motivated with excellent interpersonal skills, analytical, critical thinking & problem solving skills. Possesses a collaborative working style with an ability to take initiative to work both independently and in a team environment depending on project needs. Record of reliable attendance, punctuality and proven successful performance.

General Experience: The Research Assistant 3 requires a Bachelor's plus 4-5 years of experience or a Master's plus 2-4 years of post-degree experience. The Research Assistant 2 requires a Bachelor's plus 2-3 years of experience or a Master's plus 0-1 year of experience. Experience in working within challenging technical environments and the ability to independently find solutions, multi-task, self-direct, and contribute to team efforts to meet project deadlines.

Special Experience: 3+ years' experience using the latest Esri ArcGIS suite of products, including extensions or comparable software. Experienced with one scripting language, like Python, R to automate geoprocessing tasks. Experience in working within challenging technical environments and the ability to independently find solutions, multi-task, self-direct, and contribute to team efforts to meet project deadlines. Experience in identifying potential complex healthcare data questions and facilitate developing effective and efficient solutions to the inquiries.

Special Requirement: A **cover letter** identifying how your skills will contribute to the goals of our department and address the minimum requirements.

Preferred Knowledge, Skills and Abilities: Master's or Doctoral Degree in relevant discipline such as Geography/GIS/Cartography, Computer Science. Knowledge of and experience with statistical software such as SAS, SPSS, HLM, Stata, or R. Advanced knowledge of the Microsoft Suite (including Access and Excel). Understanding of the Medicaid program. Knowledge of the Health Information Technology/Health Information Exchange. Extremely organized. Ability to use Web Mapping tools such as ArcGIS online. Ability to work independently and as a project team member. Must have strong working knowledge of ArcGIS Server and ArcGIS API or comparable software.

Preferred Experience: Experience in analysis of community-based data, such as census, LODES, ACS, etc. Experience in ArcSDE command language, or comparable. Must be experienced with at least one programming and scripting using: MSSQL, Python, Flex API, Java, Java Script, HTML5.

Note: The filling of this position will be in accordance with reemployment, SEBAC, transfer, promotion and merit employment rules, if applicable.

Application Instructions: Please submit a cover letter identifying research and evaluation goals, a curriculum vitae, and contact information for three (3) professional references to www.jobs.uconn.edu, Staff Positions. Submission of writing sample and cartographic sample is encouraged. Evaluation of applications will begin immediately. Employment of the successful candidate is contingent upon the successful completion of a pre-employment criminal background check (Search # 2016547).

**UConn DEPARTMENT OF HUMAN RESOURCES
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For more information regarding the School of Nursing, please visit the school's website at <http://nursing.uconn.edu> and to learn more about the CT HIT initiatives, please visit <http://www.ct.gov/cthealthit>

All employees are subject to adherence to the State Code of Ethics which may be found at <http://www.ct.gov/ethics/site/default.asp>.

The University of Connecticut is committed to building and supporting a multicultural and diverse community of students, faculty and staff. The diversity of students, faculty and staff continues to increase, as does the number of honors students, valedictorians and salutatorians who consistently make UConn their top choice. More than 100 research centers and institutes serve the University's teaching, research, diversity, and outreach missions, leading to UConn's ranking as one of the nation's top research universities. UConn's faculty and staff are the critical link to fostering and expanding our vibrant, multicultural and diverse University community. As an Affirmative Action/Equal Employment Opportunity employer, UConn encourages applications from women, veterans, people with disabilities and members of traditionally underrepresented populations.