The University of Maryland (College Park) Department of Geographical Sciences is establishing a Center for Geospatial Information Science (CGIS). As part of this Center’s initiative, we are creating two new faculty positions, positions for two fulltime lecturers and a dedicated computer systems technician. The Department invites applications for two faculty positions at either the tenured Associate Professor rank or tenure-track Assistant Professor rank. These positions will have their tenure home in Geographical Sciences and are expected to start on or about August 2014. Salary and benefits are highly competitive, commensurate with qualifications and experience. A Ph.D. degree in Geography or in a related area of the social, environmental or computer sciences is required. At Assistant Professor rank, preference will be given to candidates with postdoctoral experience.

We are seeking the most outstanding candidates, with a track record of publications and awarded grants appropriate to rank, who will expand the breadth in our research and teaching in Geographic Information Science (GIS) and help to build the CGIS to a world-leading Center. Research interests should be in the development of GIS (rather than its use) and/or the application of GIS to areas of societal benefit. Technology research areas of interest include: big data infrastructure and analytics, scientific visualization and geovisualisation, real-time and mobile GIS, machine learning and spatial knowledge discovery, spatial analysis, spatial statistics and data science, high-performance and cloud computing, data security and location privacy, and computer cartography. Applied GIS research areas of interest include: global environmental change; public safety and security; public health and well-being; equality in civic engagement, data-access and social justice; enabling citizen science; mitigating hazards; and engineering preparedness and resilience.

Applications should include a personal statement of background and experience relevant to the position, including research, teaching and service activities, a signed, dated Curriculum Vitae, reprints of selected peer-reviewed publications, and names and addresses (including e-mail) of 3-5 references.

For best consideration applications should be submitted no later than February 10, 2014 but the search will continue until a suitable candidate is appointed To Apply: http://ejobs.umd.edu/postings/22437. Applications from women and minorities are particularly sought. The University of Maryland is an Equal Opportunity Affirmative Action Employer.

Further information on this position and on academic and research programs of the Department may be obtained from the address above and can be found at http://www.geog.umd.edu.