Two Open Rank Positions in Artificial Intelligence

The new College for Health, Community and Policy at the University of Texas San Antonio (UTSA) invites applications for two open rank positions (Assistant, Associate or Full Professor) in Artificial Intelligence (AI) to begin in Fall 2020. One of the positions is for the Department of Psychology and the other position is for either demography, kinesiology, or sociology. Applicants must have a Ph.D. in one of the applicable disciplines: demography, kinesiology, public health, psychology, sociology, or a related field.

The Department of Demography is committed to advancing demographic and policy driven research using large, complex data sets and novel analytic approaches to predictive modeling. Demography is interested in someone with expertise in predictive modeling, artificial intelligence and data visualization for healthcare demand/burden, urban environments and planning, food environments, and food systems applications could be considered for primary or joint appointment in Demography. The department currently offers a MS and PhD in Applied Demography.

The Department of Kinesiology, Health and Nutrition is one of the largest departments on campus with 2,400 undergraduates and over 100 graduate students in two master’s programs. It houses experts in community and public health, nutrition, exercise physiology, exercise and sport psychology, biomechanics, and other human performance areas. Candidates with experience and research in AI applications in these areas (including modeling and data visualization for healthcare, smart health systems, electronic health records, injury and diseases prevention/treatment) could be considered for primary or joint appointment in KHN.

The Department of Psychology invites applications for one open rank position (Assistant, Associate or Full Professor) in Artificial Intelligence (AI). All applicants must have a Ph.D. in psychology. Full and associate level applicants must have an outstanding record of scholarship, publications and external research funding in the area of artificial intelligence. First-time assistant professor would be “should strong promise”. The Psychology Department houses a Master’s degree and PhD in experimental psychology with a health emphasis.

The Department of Sociology offers a Bachelor of Science and Master’s degree in public health (epidemiology concentration). Faculty specialty areas include maternal and child health, mental health, mortality and combat injury, obesity, and substance use, abuse and others. The Department also features several well-trained quantitative methodologists who are familiar with a wide range of statistical techniques and intervention program planning, assessment and evaluation, which AI applications such as machine learning and big data analytics will strengthen.

UTSA is seeking applicants in the following areas: learning in complex data environments, resources-constrained AI processing, generalizable and predictable AI, deep learning, natural language processing, machine intelligence, super-intelligence, logics for intelligent interaction, logic for multi-agent systems in AI human factors, cyber psychology, data visualization for healthcare demand/burden, privacy issues and relationships with healthcare.

All applicants must hold a Ph.D. and demonstrate teaching excellence and willingness to provide service to UTSA. Successful candidates will collaborate on research and grant applications with faculty in other colleges, departments, and UT Health San Antonio medical school. Teaching
responsibilities include two courses per semester in the candidate’s specialty area and home department. Other responsibilities include, but are not limited to, advising and mentoring undergraduate and graduate students (masters and doctoral); active research program that is funded by external grants and serving the University, profession and community. Tenure is contingent on Board of Regents approval. Salary and supporting start-up package are competitive and commensurate with qualifications and experience.

All information and application materials must be submitted electronically through [https://jobs.utsa.edu/postings/13794](https://jobs.utsa.edu/postings/13794). Applicants should submit the following items electronically:

1. Letter of application that documents evidence of scholarly publications, funded research, teaching experiences, and qualifications for the position;
2. Current Curriculum vita;
3. A research and teaching statement, which includes discussion on the role diversity and inclusion plays in an academic environment;
4. Copy of all graduate transcripts;
5. Three samples of published scholarly work;
6. Names and contact information for three references who will provide a letter of recommendation upon request;

**Application Process:** Applicants must submit their full application package via the respective link to each position. Review of applications will begin October 1, 2019 and will continue until the position is filled. For general questions or additional information on this Cluster Hiring Initiative, please contact: Bernard Arulanandam, Interim Vice President for Research, Economic Development & Knowledge Enterprise at [Bernard.Arulanandam@utsa.edu](mailto:Bernard.Arulanandam@utsa.edu) or 210-458-8176.

UTSA is a diverse, Hispanic Serving Institution and over half of the student population are first generation college students. Successful candidates must have the ability to work with a diverse urban population and be sensitive to the education needs of such students. Demonstrated intellectual contributions linked to diversity, inclusion and/or inclusive excellence may include: experience in multicultural, diversity and power and privilege practice, demonstrated experience successfully teaching, mentoring, and advising diverse, underserved students, including students of color and non-traditional students.