Assistant/Associate Professor Biomedical Informatics and Data Sciences
Arizona State University

Job Title	Assistant/Associate Professor Biomedical Informatics and Data Sciences
Department	College of Health Solutions
Institution	Arizona State University
	Phoenix, Arizona
Date Posted	Jan. 15, 2020
Application Deadline	Feb. 28, 2020
Position Start Date	Jan. 10, 2020
Job Categories	Assistant Professor
	Associate Professor
Academic Field(s)	Informatics - All Categories
	Biomedical Sciences
Apply Online Here	https://apply.interfolio.com/73060
Apply By Email	
Job Description	

Assistant/Associate Professor
Biomedical Informatics and Data Science

The College of Health Solutions (CHS) at Arizona State University (ASU) seeks a full-time, 9-month, tenure-eligible faculty member at the rank of Assistant or Associate Professor in the area of Biomedical Informatics and Data Science. Applicants with expertise in biomedical informatics and data science, including artificial intelligence, machine learning, data mining, computer vision, data visualization, natural language processing, statistics, and their applications in medicine and healthcare are encouraged.

This position will be directly involved in the college's Grand Challenges, which are some of the most

complex and difficult health challenges facing Arizona. Each Grand Challenge is huge in scope and requires translational research, transformative collaboration and innovation. The college's Grand Challenges are the following: promoting healthy lifestyles, improving mental health, and reducing barriers to health and health care. We are particularly interested in making an impact on populations with significant health disparities, such as veterans and people experiencing homelessness.

Responsibilities for this position include developing and maintaining a successful research program, teaching undergraduate and graduate courses and mentoring students in research, and providing service to the program and university as well as to the community and profession. The ideal candidate will present evidence of a successful research trajectory commensurate with the rank of Assistant or Associate Professor, including a strong publication record and evidence of funding, and a strong commitment to high quality teaching and student mentoring. The candidate will be excited by the opportunity to develop research programs with significant collaborations and translate discoveries into the practice for the improvement of patient care.

The College values our cultural and intellectual diversity, and continually strives to foster a welcoming and inclusive environment. Veterans and individuals who can strengthen the diversity of the academic community are encouraged to apply.

About the College of Health Solutions
The College of Health Solutions is committed to translating scientific health research and discovery into practice to improve health outcomes through education, research and service. We equip students with the knowledge and skills to influence healthier lifestyle choices; develop creative interventions to improve the health of people and populations; analyze and translate large amounts of health data into solutions; and maximize the technology, science, business and application of diagnostics. Our research programs encompass basic science, discovery science, clinical trials, intervention science and measurement of health outcomes. In all cases, our faculty use interdisciplinary approaches to address the complex systems that underpin health problems. We are highly collaborative, transparent and team-oriented. Our innovative organizational structure includes translational teams that move science from labs into communities with evidence-based interventions that make a difference, as well as affinity networks where teams of people work together to improve methodologies and processes. All of our programs, in and out of the classroom, are designed with the goal of improving the health of people and communities.

Current training programs include behavioral health, biomedical diagnostics, biomedical informatics, executive and continuing education, exercise science, health promotion, health sciences, kinesiology, medical studies, nutrition, population health, the science of health care delivery, and speech and hearing science. Our programs are offered at ASU's Downtown Phoenix, Tempe, West and Lake Havasu campuses, as well as on Mayo Clinic's Scottsdale campus. We maintain research facilities in

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cooperation with multiple community partners, including an expansion of the Phoenix Biomedical Campus that is in development through a public-private partnership that will increase collaborative opportunities with private companies and offer an additional 200,000 square feet of space for research and clinical trials.

About Arizona State University
Arizona State University is a new model for American higher education, an unprecedented combination of academic excellence, entrepreneurial energy and broad access. U.S. News & World Report ranks ASU #1 in the U.S. for innovation for five years in a row. This New American University is a single, unified institution comprising multiple differentiated campuses positively impacting the economic, social, cultural and environmental health of the communities it serves. Its research is inspired by real world application blurring the boundaries that traditionally separate academic disciplines. ASU serves more than 90,000 students in metropolitan Phoenix, Arizona, the nation's sixth largest city. ASU champions intellectual and cultural diversity, and welcomes students from all fifty states and more than one hundred nations across the globe.
For more information about ASU and the College of Health Solutions, visit http://about.asu.edu/ and https://chs.asu.edu

Required qualifications:

• MD and/or PhD degree in field appropriate to the duties, including Biomedical Informatics, Computer Science, Electrical Engineering, Mathematics, Statistics, and other related areas
• Demonstrated expertise and knowledge in biomedical informatics and data science, including statistics, artificial intelligence, machine learning, data mining, computer vision, data visualization, natural language processing, and their applications in medicine and healthcare
• Evidence of conducting and leading research commensurate with the rank of Assistant or Associate Professor
• Evidence of a strong peer reviewed publication record commensurate with the rank of Assistant or Associate Professor
• Demonstrated ability or potential to write and secure extramural grants
• Demonstrated ability or potential to develop and teach courses, and mentor graduate and undergraduate students
• Demonstrated ability to work and communicate effectively with a diverse group of colleagues, students, and staff

Desired qualifications:

• Evidence of successfully teaching on-campus and/or online courses in the field of Biomedical

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Informatics and Data Science
• Evidence of successfully mentoring graduate and undergraduate students
• Evidence of a successful history of obtaining extramural funding from highly competitive sources such as the NIH, CDC, or similar federal mechanisms and/or foundations (e.g., Robert Wood Johnson Foundation) commensurate with the rank of Assistant or Associate Professor
• Background, knowledge, and/or research in the areas of biomedical informatics and data science relevant to the needs of the Arizona's diverse populations and the college's Grand Challenges
• Experience in developing and maintaining community partnerships and inter-professional or team-based collaborations
• Ability to provide service to the program and university, as well as to the community and profession
Application Deadline and Procedures:

Application deadline is February 28, 2020. Applications will continue to be accepted on a rolling basis for a reserve pool. Applications in the reserve pool may then be reviewed in the order in which they were received until the position is filled.

To apply, click http://apply.interfolio.com/73060 to submit the following:

1. A letter of interest with the name of the position and rank for which you are applying, including your qualifications and experience as it relates to the position
2. Teaching statement
3. Research statement
4. Curriculum vitae including a list of publications
5. Information for 3 professional references (their position, title, e-mail, phone number). Finalists will be asked to provide three letters of recommendation.

If you have questions regarding the recruitment process, please contact Dinorah Metz at dinorah.metz@asu.edu.

In compliance with federal law, ASU prepares an annual report on campus security and fire safety programs and resources. ASU's Annual Security and Fire Safety Report is available online at https://www.asu.edu/police/PDFs/ASU-Clery-Report.pdf You may request a hard copy of the report by contacting the ASU Police Department at 480-965-3456.
A background check is required for employment. Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law (See ASU's complete non-discrimination statement and www.asu.edu/titleIX/.)

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EEO/AA Policy

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact   Shayla Mcanly
College of Health Solutions
Arizona State University
550 N. 3rd Street
Phoenix, AZ 85004

Contact E-mail   shayla.mcanly@asu.edu