Postdoctoral Research Scholar

Job description:
A postdoc position is available at the Biodesign Center for Personalized Diagnostics (CPD) at Arizona State University. The CPD is specialized in biomarker research aided by high-throughput genomics and proteomics applications, and equipped with fully automated robotic systems for gene cloning, microarray production/processing, as well as next-generation DNA sequencers. A successful candidate will develop new statistical/computational methods for analyzing several projects in the CPD.

Essential Duties:

• Develop new statistical/computational methods in biomarker discovery and validation studies.
• Collaborate with internal and external researchers.
• Participate in journal clubs and working group meetings.
• Other duties as assigned.

Minimum Qualifications:

• Applicants must have a recent Ph.D. with a strong background in (bio)statistics, bioinformatics, mathematics, biomedical informatics or related fields and programming.
• Excellent written and verbal communication skills; able to articulate compelling and impactful science.
• Adept at working in interdisciplinary scientific teams.

Working Environment:

• Activities are primarily performed in a regular, climate controlled office setting subject to extended periods of sitting, standing, walking.
• Visual acuity and manual dexterity associated with daily use of desktop computer
• Ability to clearly communicate verbally in English, read, write, see, and hear to perform essential duties. Regular review of completed tasks.

Department Statement:

For the fourth year in a row, ASU has been named the most innovative school in the nation, recognizing the university's culture of groundbreaking research and partnerships, as well as its commitment to helping students thrive in college and beyond. U.S. News and World Report have named ASU as the most innovative university all four years the category has existed.

The Office of Knowledge Enterprise Development is committed to Advancing Research, Innovation, Entrepreneurship and Economic Development. We seek research funding, support faculty researchers, nurture partnerships with external partners, promote innovation and entrepreneurship, and share what we learn with the community and the world. We make discovery possible. [http://research.asu.edu/](http://research.asu.edu/)
The Biodesign Institute addresses today's critical global challenges in healthcare, sustainability, and security by developing solutions inspired from natural systems and translating those solutions into commercially viable products and clinical practices.

The Biodesign Center for Personalized Diagnostics is a research center within the Biodesign Institute that focuses on personalized medicine. Promising advances in the area of personalized medicine have shown us that life-threatening diseases are as distinct in character as the individuals they afflict. The Virginia G. Piper Center for Personalized Diagnostics has been established with an eye toward overcoming the health care challenges posed by disease variance. Our Center is developing new diagnostic tools to pinpoint the molecular manifestations of disease based on individual patient profiles. The strategy promises not only to improve therapeutic care, but also to greatly reduce treatment costs by allowing for early disease detection.

About ASU:

Arizona State University is a new model for American higher education, an unprecedented combination of academic excellence, entrepreneurial energy and broad access. This New American University is a single, unified institution comprising four 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 fifth largest city. ASU champions intellectual and cultural diversity, and welcomes students from all fifty states and more than one hundred nations across the globe.

ASU is a tobacco-free university. For details visit www.asu.edu/tobaccofree

AmeriCorps, Peace Corps, and other national service alumni are encouraged to apply.

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.

Salary: Depends on experience.

Close date: 3/15/2019

Instructions to Apply:

Please submit to okedhiring@asu.edu the following materials with the subject line: “Application for Postdoctoral Research Scholar_Dr. Yunro Chung’s lab_PD”:

- A cover letter specifying relevant qualifications and training,
- Resume or curriculum vitae,
- Contact information for at least three professional references.