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Job Opportunities

Job Description

Assistant Professor, Tenure Track - 17321

Faculty

Description

UNIVERSITY OF COLORADO
Anschutz Medical Campus
Colorado School of Public Health
Department of Biostatistics and Informatics
Assistant Professor, Tenure Track

The University of Colorado l Anschutz Medical Campus seeks individua
demonstrated commitment to creating an inclusive learning and working. V
the ability to engage effectively with students, faculty and staff of dive
backgrounds.

The Department of Biostatistics and Informatics has an opening for a full-t
tenure track faculty position.

Nature of Work
The Department of Biostatistics and Informatics (BIOS) is one of five depa
in the Colorado School of Public Health. Faculty and students in the depar
apply analytic methods, statistical reasoning and information managemen
techniques to the design and analysis of studies in medical and public hea
Professional and research activities include the design and analysis of bas
applied and translational research and clinical trials, statistical consulting,
developing of new statistical methods, disease information services, resea
databases and more.

The Colorado School of Public Health, having recently celebrated its 10th anniversary, is a collaborative endeavor involving the University of Colorado Denver (CU Denver), Colorado State University (CSU), and the University Northern Colorado (UNC). The Colorado School of Public Health is the firs only accredited school of public health in the Rocky Mountain Region, attr top tier faculty and students from across the country, and providing a vital contribution towards ensuring our region's health and wellbeing. Collabora formed in 2008 by the University of Colorado Denver, CSU and UNC, the School of Public Health provides training, innovative research and commu service to actively address public health issues including chronic disease, to healthcare, environmental threats, emerging infectious diseases, and cc injuries.

The University of Colorado Anschutz Medical Campus is the only compreh academic health sciences center in Colorado, the largest academic health in the Rocky Mountain region and one of the newest education, research a patient care facilities in the world. Currently home to 21,000 employees, m 4,000 degree-seeking students and two nationally recognized hospitals th 1.7 million patient visits each year, CU Anschutz trains the health sciences workforce of the future, carries out a broad range of research, and cares fe state's children, adults, and veterans. CU Anschutz features schools of me pharmacy, dental medicine and public health, a college of nursing and a g school.

Supervision Received:
The faculty member will be supervised by the Chair of the Department of Biostatistics and Informatics. The Chair of Biostatistics and Informatics ar faculty in DBI are available for mentorship and guidance.

Supervision Exercised
This position can have supervisory responsibilities with early-career resea instructors, PRAs, or graduate research assistants seeking PhD degrees.

Examples of Work Performed
Responsibilities for the faculty member include teaching classes at the gra level, mentoring graduate students and developing a research portfolio. Th research portfolio will involve both collaborative and methodological resea collaboration with other investigators the successful candidate will be invo preparation of grant applications and analysis and publication of data gene from funded studies. The position offers attractive career perspectives for and highly motivated individuals who have a strong interest in statistical ar computational methods. The candidate is expected to have and/or develop independent research career which must be highly collaborative and innov with a focus on excellence.

Competencies, Knowledge, Skills and Abilities:

- Strong knowledge of basic statistical principles relevant in medical re
- Strong programming skills in a common statistical software package SAS, R, S-Plus, Python, MATLAB and/or SPSS)
- Good organizational skills across individual projects, managing own load
- Excellent written and verbal communication skills

- Positive attitude and the ability to work with biomedical investigators
  colleagues in the Department, the School and more broadly with oth
  on the Anschutz Medical Campus.
- Ability to contribute to the growth and development of the Departmer
  the School.
- Excellent problem-solving skills.

Salary and Benefits:

The Salary range for this position is commensurate with skills and experie
University of Colorado offers a full benefits package. Information on Unive
benefits programs, including eligibility, is located at https://www.cu.edu/em
services.

The University of Colorado is dedicated to ensuring a safe and secure env
for our faculty, staff, students and visitors. To assist in achieving that goal,
conduct background investigations for all prospective employees.

The Immigration Reform and Control Act requires that verification of emplo
eligibility be documented for all new employees by the end of the third day
Alternative formats of this ad are available upon request for persons with
disabilities.

Your total compensation goes beyond the number on your paycheck. The
University of Colorado provides generous leave, health plans and retireme
contributions that add to your bottom line.

Benefits: https://www.cu.edu/employee-services/benefits

Total Compensation Calculator: https://www.cu.edu/employee-services/tot
compensation

Diversity and Equity

Please click here for information on disability accommodations:
http://www.ucdenver.edu/about/departments/HR/jobs/Pages/JobsatCUDer

The University of Colorado | Anschutz Medical Campus is committed to re
and supporting a diverse student body, faculty and administrative staff. Th
university strives to promote a culture of inclusiveness, respect, communic
and understanding. We encourage applications from women, ethnic minor
persons with disabilities and all veterans. The University of Colorado is co
to diversity and equality in education and employment.

Qualifications

Minimum qualifications:

- PhD degree in statistics, biostatistics, mathematics, computer scienc
  applied mathematics or related fields.
- Expertise in data science and `big data' analysis with one of the follo
  primary areas of interest: genomics, computational neuroscience, m
  image analysis, spatial statistics, optimization theory, database mana
  distributed computing and machine learning.

Preferred Requirements

- 2+ years of research experience
- Experience with mentoring graduate students and/or analysts.
- Teaching experience with either on-campus classes or online classe
- Demonstrated ability to successfully lead the biostatistical design an analytic elements of clinical or translational research projects.
- Or equivalent combination of education, training, and experience tha provides the individual with the required knowledge, skills and abilitie

Special Instructions to Applicants: Questions should be directed to the search committee Chair, Dr. Anna Barón, at anna.baron@cuanschutz.edu.

Application Materials Required: Cover Letter, Resume/CV, List of References

Application Materials Instructions: A review of the application material will begi immediately, but full consideration will be given to complete applications received 11/15/2019. Applicants must apply online at http://www.cu.edu/cu-careers. Please submit any of your application material via email to the job posting contact. Requi Application Materials: When applying, applicants must include: 1) A letter of applic which specifically addresses the job requirements and outlines qualifications, inclu Summary of research accomplishments - Statement of research interests and goa Summary of teaching experience - History of funding for research or teaching 2) A curriculum vitae 3) The names, addresses, daytime telephone numbers and e-ma addresses for at least three professional references in a separate document.

Job Category Faculty

Primary Location Aurora

Department: U0001 -- DENVER & ANSCHUTZ MED CAMPUS - 21419 - CSPH-I General Ops

Schedule Full-time

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Posting Contact Name: Anna Baron, PhD

Posting Contact Email: anna.baron@cuanschutz.edu.

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