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

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

**Nature of Work**
The Department of Biostatistics and Informatics (BIOS) is one of five departments in the Colorado School of Public Health. Faculty and students in the department apply analytic methods, statistical reasoning and information management techniques to the design and analysis of studies in medical and public health fields. Professional and research activities include the design and analysis of basic research and translational research and clinical trials, statistical consulting, developing of new statistical methods, disease information services, research 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 of Northern Colorado (UNC). The Colorado School of Public Health is the first only accredited school of public health in the Rocky Mountain Region, attracting top-tier faculty and students from across the country, and providing a vital contribution towards ensuring our region’s health and wellbeing. Collaborating formed in 2008 by the University of Colorado Denver, CSU and UNC, the School of Public Health provides training, innovative research and community service to actively address public health issues including chronic disease, healthcare, environmental threats, emerging infectious diseases, and injuries.

The University of Colorado Anschutz Medical Campus is the only comprehensive academic health sciences center in Colorado, the largest academic health center in the Rocky Mountain region and one of the newest education, research and patient care facilities in the world. Currently home to 21,000 employees, 4,000 degree-seeking students and two nationally recognized hospitals that combine to provide 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 for the state’s children, adults, and veterans. CU Anschutz features schools of medicine, pharmacy, dental medicine and public health, a college of nursing and a graduate 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 and other faculty in DBI are available for mentorship and guidance.

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

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

**Competencies, Knowledge, Skills and Abilities:**
- Strong knowledge of basic statistical principles relevant in medical research
- 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 others on the Anschutz Medical Campus.

Ability to contribute to the growth and development of the Department, the School.

Excellent problem-solving skills.

**Salary and Benefits:**
The Salary range for this position is commensurate with skills and experience.

University of Colorado offers a full benefits package. Information on University benefits programs, including eligibility, is located at [https://www.cu.edu/employee-services](https://www.cu.edu/employee-services).

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

The Immigration Reform and Control Act requires that verification of employment eligibility be documented for all new employees by the end of the third day of employment. 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 retirement contributions that add to your bottom line.

**Benefits:** [https://www.cu.edu/employee-services/benefits](https://www.cu.edu/employee-services/benefits)

**Total Compensation Calculator:** [https://www.cu.edu/employee-services/totcompensation](https://www.cu.edu/employee-services/totcompensation)

**Diversity and Equity**
Please click here for information on disability accommodations: [http://www.ucdenver.edu/about/departments/HR/jobs/Pages/JobsatCUSuper](http://www.ucdenver.edu/about/departments/HR/jobs/Pages/JobsatCUSuper)

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

**Qualifications**

**Minimum qualifications:**

- PhD degree in statistics, biostatistics, mathematics, computer science, applied mathematics or related fields.
- Expertise in data science and `big data' analysis with one of the following primary areas of interest: genomics, computational neuroscience, image analysis, spatial statistics, optimization theory, database management, 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 classes
- Demonstrated ability to successfully lead the biostatistical design and analytic elements of clinical or translational research projects.
- Or equivalent combination of education, training, and experience that provides the individual with the required knowledge, skills and abilities.

**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 begin 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. Requirements include: 1) A letter of application which specifically addresses the job requirements and outlines qualifications, including a summary of research accomplishments and statement of research interests and goals; 2) A curriculum vitae; 3) The names, addresses, daytime telephone numbers and e-mail addresses for at least three professional references.

**Job Category:** Faculty

**Primary Location:** Aurora

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

**Schedule:** Full-time

**Posting Date:** Sep 30, 2019, 4:56:52 PM

**Unposting Date:** Ongoing

**Posting Contact Name:** Anna Baron, PhD

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

**Position Number:** 00768401

**The University of Colorado does not discriminate on the basis of race, color, national origin, sex, age, pregnancy, disability, creed, religion, sexual orientation, gender identity, gender expression, veteran status, political affiliation, or political philosophy. All qualified individuals are encouraged to apply.**

ADA and Title IX Coordinators

Regent Policy

The University of Colorado participates in E-Verify and will provide the federal government with your Form I-9 information to confirm that you are authorized to work in the U.S. E-Verify.