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## Job Description

### Postdoctoral Fellow - 17970

Faculty

#### Description

**UNIVERSITY OF COLORADO  
Anschutz Medical Campus  
Colorado School of Public Health  
Department of Biostatistics and Informatics  
POSTDOCTORAL FELLOW**

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

#### NATURE OF WORK

The Department of Biostatistics and Informatics, Colorado School of Public Health, is seeking a post-doctoral fellow in omics and network analysis. The position is 2 years with the possibility of extension and available to start immediately. The focus of this position will be the development and implementation of novel statistical and computational methods using network analysis for omics technologies. The work will involve both methodological research with biostatistics faculty and collaboration with biomedical investigators.

#### SUPERVISION RECEIVED

The incumbent will report directly to Drs. Katerina Kechris.

#### SUPERVISION EXERCISED

The incumbent may provide informal supervision to graduate students on the project, that report to Dr. Katerina Kechris.

#### EXAMPLES OF WORK PERFORMED

##### 1) Research (70%)

- Data management
- Exploratory data analysis
- Statistical methodology development
- Bioinformatics analysis.

##### 2) Statistical computing (10%)

- R package development.

##### 3) Research results (20%)

- Presentations at conferences
- Manuscript preparation.

## KNOWLEDGE, SKILLS, AND ABILITIES

- Knowledge: Statistics, machine learning, networks/bioinformatics
- Skills: data management, data pre-processing, exploratory data analysis, high-throughput data analysis, omics data sets
- Abilities: R package development, high performance computing, strong English written and oral communication.

## SALARY AND BENEFITS

Salary is commensurate with skills and experience. The University of Colorado offers a full benefits package. Information on University benefits programs, including eligibility, is located at [Employee Services](#).

University of Colorado Denver | Anschutz Medical Campus is dedicated to ensuring a safe and secure environment for our faculty, staff, students and visitors. To assist in achieving that goal, we conduct background checks for all new employees prior to their employment.

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 work. 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>.

Total Compensation Calculator: <https://www.cu.edu/employee-services/total-compensation>

## Diversity and Equity

Please click here for information on disability accommodations:

<http://www.ucdenver.edu/about/departments/HR/jobs/Pages/JobsatCUDenver.aspx>

The University of Colorado Denver | 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**

### REQUIRED QUALIFICATIONS

- PhD/ ScD from an accredited college or university in statistics, biostatistics, bioinformatics, computer science or related field at the start of the postdoc.
- Background in statistics, machine learning, 'omics technologies
- Minimum of 2 year(s) experience in statistical software R, Python or equivalent
- Excellent communication skills (written and oral) using the English language
- The ability to work independently on data analysis and research.

### PREFERRED QUALIFICATIONS

- Experience with development of R packages or other software
- Experience in network analysis
- Experience with high-throughput biological data analysis.

**Special Instructions to Applicants:** Questions should be directed to Katerina Kechris, PhD, at [Katerina.Kechris@CUANSCHUTZ.EDU](mailto:Katerina.Kechris@CUANSCHUTZ.EDU)

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

**Application Materials Instructions:** A review of the application material will begin immediately and continue until the position is filled.

Applications are accepted electronically at [CU Careers](#), refer to requisition ID: 17970

When applying, applicants must include:

1. A letter of application which specifically addresses the job requirements and outlines qualifications
2. A current Resume/CV

3. The names, addresses, daytime telephone numbers and e-mail addresses for 3-5 professional references, either attached to your resume/CV or uploaded as a separate document

Please be advised that the University does check references as part of the employment process.

Please do not submit any of your application material (via email) to the job posting contact.

**Job Category** Faculty

**Primary Location** Aurora

**Department:** U0001 -- DENVER & ANSCHUTZ MED CAMPUS - 21419 - CSPH-Bio Info General Ops

**Schedule** Full-time

**Posting Date** Dec 17, 2019, 11:52:15 AM

**Unposting Date** Ongoing

**Posting Contact Name:** Katerina Kechris, PhD

**Posting Contact Email:** Katerina.Kechris@CUANSCHUTZ.EDU

**Position Number:** 00770421

**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.