Job Description

Post-Doctoral Fellow - 14774

Faculty

Description

University of Colorado Denver I Anschutz Medical Campus
Department of Pediatrics – Section of Nutrition
Post-Doctoral Fellow
Position #754557 – CU Careers #14774

The University of Colorado Denver I 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.

The University of Colorado Denver | Anschutz Medical Campus is a public university serving more than 18,000 students. We award nearly 4,000 degrees each year, including more graduate and professional degrees than any other Colorado institution. With our solid academic reputation, award-winning faculty, and renowned researchers, we offer more than 140 highly rated degree programs through 13 schools and colleges. The university receives over $400 million in research awards each year. In addition to the wide array of health-related facilities offered at CU Anschutz in Aurora, Colo., a significant number of undergraduate and graduate degree programs are taught at CU Denver, a comprehensive campus in the heart of downtown Denver—one of America’s most vibrant urban centers. CU Denver is located steps from the Denver Performing Arts and the LoDo District affording our students, faculty and staff access to a broad array of academic, professional, community, recreational, cultural and entertainment outlets.
The University of Colorado Anschutz Medical Campus ranks among institutions nationally in clinical care, education and research. Its 230-acre campus is designed to enhance collaboration and interprofessional education, with the College of Nursing; the Schools of Dental Medicine, Medicine, Pharmacy, Public Health; the Graduate School; a Health Sciences Library; and two Strategically located contiguous to the campus are a biosciences research and development center and the Veterans Hospital. CU Anschutz offers two undergraduate degree programs, and five first-professional programs. More than 4,000 students learn alongside faculty members who also make meaningful medical discoveries and provide expert clinical care through 1.5 million patient-visits annually. Research and innovation, CU Anschutz receives over $400 million in awards each year and has filed 1,300 patent applications and formed companies since 2002.

A national leader in health care and life sciences, CU Anschutz is a comprehensive academic health sciences center in Colorado and the larger Rocky Mountain region. Located in Aurora, Colo., it is one of the newest and most rapidly growing research and patient care facilities in the world. With six schools and colleges, Anschutz trains the health sciences workforce of the future by blending education, research and clinical care all in one place. This strategic collaboration of diverse health care fields allows knowledge to travel directly from the bench to the patient’s bedside. Read CU Anschutz Quick Facts here.

**Job Summary:**

The Department of Pediatrics, Section of Nutrition as part of the University of Colorado Denver Anschutz Medical Campus has an opening for a full-time Postdoctoral Fellow. This position’s primary responsibility will be to conduct research as part of a multi-PI nutrition and metabolomics project in human health. Although certain dietary patterns have clear health benefits or detriments, biochemical and metabolic underpinnings linking diet with health effects are not yet clear. We are using a step-wise strategy whereby the mechanistic effects of individual foods and dietary components on health can be delineated using mass spectrometry-based metabolomics. In particular, the research focus for this position will be on examining the biochemical and metabolic effects of dietary components and their interaction with health. This involves performing metabolomics and informatics, and bio-statistical analyses to examine linkages between laboratory data and clinically relevant outcomes associated with consumption of the foods and diets.

**Examples of Work Performed:**

- Conduct experiments and analyses supporting the “Foodomics” project, which include mass spectrometry-based metabolomics and other assays, sample processing, and data analysis
- Analyze, interpret, compile, and record experimental results
- Collaborate with the principal investigators (PIs) and other researchers, review scientific literature, develop experimental protocols, and interpret results relating bioactive compounds identified in foods to population health outcomes associated with consumption of the foods and diets
- Actively participate in academic training and career development activities relevant to the position/research including but not limited to weeklong conferences, seminars, and other relevant activities
• Provide oversight for Study Coordinator of clinical trial and assist with collection and analysis
• Assist with writing sections of research proposal documents for publication purposes
• Lead and assist with the preparation of manuscripts for publication in scientific journals and the creation of future research protocols
• Attend and present study results at bi-monthly “Foodomics” meeting
• Complete general laboratory duties as assigned such as maintenance of records, general lab clean-up, and ordering lab supplies

PLEASE NOTE: Candidates may be responsible for travel expenses related to the interview process and any relocation expenses, if applicable.

Salary and Benefits:

The hiring salary for this position is based on NIH post-doctoral stipend levels. The position is not eligible for overtime compensation.

The University of Colorado offers a full benefits package. Information on University benefits programs, including eligibility, is located at Employee Services.

The University of Colorado Denver | Anschutz Medical Campus is dedicated to ensuring a safe and secure environment for our faculty, staff, students and prospective employees. To assist in achieving that goal, we conduct background investigations on 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 work.

Benefits: https://www.cu.edu/employee-services/benefits.
Total Compensation Calculator: https://www.cu.edu/employee-services/total-compensation for questions, please contact Kaitlin Norris, kaitlinnorris@childrens colorado.org

Diversity and Equity:

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

The University of Colorado Denver | Anschutz Medical Campus is committed to diversity and equality in education and employment.

Qualifications
Minimum Requirements

- Graduation from an accredited college or university with a conferred and/or MD in biochemistry, chemistry, food science, human nutrition, closely related field

Condition of Employment:

- Must be willing and able to pass a national criminal background check
- Must be willing and able to occasionally work weekends and evenings required

Knowledge, Skills, and Abilities

- Ability to complete basic science techniques such as pipetting, lab upkeep, weighing and measuring, and preparing buffers and solvent
- Ability to effectively operate common lab equipment (centrifuges)
- Ability to complete mass spectrometry and to successfully complete experiments
- Ability to effectively collect data and complete analyses
- Knowledge of human nutrition, analytical chemistry, and food science
- Ability to work independently within a research lab
- Proficiency with Microsoft Office Suite including Word, Excel, and PowerPoint and ability to use basic statistical software such as GraphPad
- Strong technical research skills and reasoning ability
- Strong planning and organizational skills
- Excellent written and verbal English communication skills
- Ability to work with multiple PIs and manage time effectively while concurrently working on multiple projects

Preferred Qualifications

- Minimum 2 years’ experience working with mass spectrometry, metabolites and/or small molecules
- Experience in nutritional science
- Experience conducting human/clinical research trials

Special Instructions to Applicants: APPLICATION DEADLINE: Review of applications begin immediately and will continue until the position is filled. Questions should be directed to Carolyn Doyle at carolyn.doyle@ucdenver.edu

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

Application Materials Instructions:

Applications are accepted electronically at CU Careers, refer to requisition ID: 147

When applying, applicants must include:

1. A letter of application which specifically addresses the job requirements and qualifications
2. A current Resume/CV
3. The names, addresses, daytime telephone numbers and e-mail addresses professional references, either attached to your resume/CV or uploaded as 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.

Job Category: Faculty

Primary Location: Aurora

Department: H0001 -- Anschutz Medical Campus - 20876 - SOM-PEDS Nutrition

Schedule: Full-time

Posting Date: Sep 27, 2018, 10:55:54 AM

Unposting Date: Ongoing

Posting Contact Name: Carolyn Doyle

Posting Contact Email: carolyn.doyle@ucdenver.edu

Position Number: 00754557

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.