

UNIVERSITY OF COLORADO SCHOOL OF MEDICINE  
Job Description

**Postdoctoral Fellow**  
**Department of Pediatrics, Section of Nutrition, School of Medicine**  
Position Number: **(00601217)**

**Nature of Work**

Post-doctoral fellowship in obesity prevention, pediatric nutrition, infant metabolic health and gut microbiota development. This postdoctoral fellowship provides the opportunity to work with the mentor(s) on an NIH R01 clinical trial to evaluate how infant diet affects growth, risk of overweight and gut microbiota. The fellow will coordinate the clinical study, collect, manage and analyze data (clinical, microbiota), write grants and manuscripts, and present results at various occasions.

**Professional Field**

Nutrition, Obesity prevention, Pediatrics

**Supervision Received**

*Minghua Tang, PhD*

**Supervision Exercised**

*None*

**Examples of Work Performed/Scope of Research**

Obesity prevention, pediatric nutrition, infant metabolic health and gut microbiota development.

- ♣ Recruit, consent and enroll human subjects in the clinical trial
- ♣ Conduct clinical trial related study procedures, including hospital and home visits
- ♣ Work with other team members to coordinate the clinical trial
- ♣ Monitor sample and data collections of the clinical trial
- ♣ Work with statistical expert to analyze data
- ♣ Write pilot and fellowship grants
- ♣ Prepare manuscripts to report findings from the clinical trial

**Minimum Requirements**

- ♣ PhD in nutrition or related fields
- ♣ Experience in human clinical studies (pediatrics population preferred)
- ♣ Basic knowledge of statistical analysis
- ♣ Basic knowledge of IRB application preparation

**Condition of Employment**

Must successfully pass a 10-panel drug test through Children's Hospital Colorado  
Must be willing and able to pass a national criminal and sex-offender background check

**Is this position an essential position? Yes ☐ or No ☒**

*\*Essential positions require the person to be present even during times of campus closure due to weather and other events and/or during night and weekend shifts.*

**Children's Hospital Colorado Non-Employee Access/Drug Testing**

Will this position require any access to Children's Hospital Colorado? Yes ☒ or No ☐

If yes, for what purpose? Access to CHCO buildings, performing research within CHCO.

Will this position require any access to Children's Hospital Colorado systems? Yes ☒ or No ☐

If yes, for what purpose? Access to CHCO buildings, performing research within CHCO.

Will this position perform any research within Children's Hospital Colorado? Yes ☒ or No ☐

*\*For questions regarding Children's Hospital drug testing requirements, please contact Children's Human Resources at 720-777-8598. Some positions may require testing if access to Children's Hospital or their systems is needed at any time during employment with the University. If drug testing is required, it will be listed in the job posting.*

**Knowledge, Skills, and Abilities**

- ♣ Statistical analysis of clinical and microbiota data
- ♣ Experience in interacting with human subjects
- ♣ Experience in preparation of IRB applications and other compliance documents
- ♣ Basic presentation skills

**Preferred Qualifications**

- ♣ Advanced knowledge in statistical analysis (R, SAS, etc)
- ♣ Publications of human clinical studies
- ♣ Advanced knowledge in gut microbiota research

**Salary & Benefits:** The hiring salary for this position has been established at \$53,760. Salary is commensurate with skills and experience.

The above salary represents the University's good faith and reasonable estimate of the rate at the time of posting.

The University of Colorado offers a benefits package. Information on University benefits programs, including eligibility, is located at [Employee Services](#). The University of Colorado offers postdocs most employee benefits. Information on University benefits programs, including eligibility, is located at [www.cusys.edu/pbs](http://www.cusys.edu/pbs). Postdoc-specific benefits are found here: [http://www.ucdenver.edu/faculty\\_staff/research/postdoctoral/Pages/default.aspx](http://www.ucdenver.edu/faculty_staff/research/postdoctoral/Pages/default.aspx),

**Requirements for Hazardous Materials Handling or Exposure**

*Check all that apply:*

Hazardous Chemicals: Yes ☐ or No ☒

Radioactive Materials/Ionizing Radiation: Yes ☐ or No ☒

Infectious Matls/Human Blood or Bodily: Yes ☒ or No ☐

**Will this position be working with minors (anyone under 18 including patients or staff)?**

*Check one box:* Yes ☒ or No ☐