

# Postdoctoral Fellow - University of Colorado

<https://cu.taleo.net/careersection/jobdetail.ftl?job=13965&lang=en#.W0aHXzoACjg.email>

SCHOOL/DEPARTMENT: School of Dental Medicine

HIRING UNIT: Craniofacial Biology

POSITION TITLE: Postdoctoral Fellow

POSITION CLASSIFICATION: Research

POSITION JOB CODE:

HRMS POSITION NUMBER:

## Overall Description of Responsibility or Nature of Work

A fully-funded postdoctoral position is available at the University of Colorado Anschutz Medical Campus. Using primarily zebrafish, the successful applicant will study craniofacial development, disease and evolution in the laboratory of James Nichols in the Department of Craniofacial Biology.

The Nichols laboratory is interested in craniofacial variability, especially how some genotypically mutant individuals can overcome a deleterious mutation to produce a wild-type phenotype.

This project will utilize an array of complementary zebrafish approaches including live imaging on laboratory-dedicated instruments, forward and reverse genetics, next-generation sequencing, protein biochemistry, and others. The University of Colorado has a strong collaborative group of zebrafish laboratories with diverse interests, as well as an interactive core group of craniofacial development laboratories.

We are seeking highly motivated, creative and interactive applicants with the ability to work independently. More information about our group and research interests can be found on our laboratory website (<https://www.nicholslab.org>). Interested candidates should provide a letter of interest, a curriculum vitae and contact information for three professional references.

[Nichols Lab - Home](#)

[www.nicholslab.org](https://www.nicholslab.org)

The Nichols Lab uses the zebrafish system to understand craniofacial development and variability. We are especially interested in how genotypic mutants overcome a deleterious mutation to produce the wild-type phenotype.

## Qualifications:

### Minimum Requirements

Graduation from an accredited university with a Ph.D. or M.D./Ph.D. in biology, biochemistry, developmental biology, genetics or related discipline

Desire to work with zebrafish, fish experience not required.

Excellent communication skills in English

Ability to work independently, but cooperatively, within a research lab

### Desired or preferred

Strong background in modern developmental biology methods including imaging, and next generation sequencing technologies

Publication of at least one first-author paper as a result of graduate work

## Salary & Benefits

Salary is commensurate with skills and experience and will adhere to published NIH guidelines.

#### Application

Applicants may apply through <http://www.cu.edu/cu-careers>

Review of applications will begin immediately and continue until position is filled.

Required application materials:

Cover letter

Curriculum vitae

Contact information for three professional references.

#### Ideal Start Date

As early as July 1, 2018