

# University of Colorado Denver

**Research Associate  
Department of Bioengineering  
University of Colorado Denver  
Anschutz Medical Campus in Aurora, CO.**

The Department of Bioengineering at UC Denver Anschutz Medical Campus in Aurora is seeking nominations and applications for the position of Research Associate in optical engineering and microscopy. UC Denver is the premier research university in Colorado, serving more than 30,000 undergraduate, graduate and health professions students in Denver, Aurora and online and awarding nearly 4,000 degrees each year. The renowned researchers and award-winning faculty of UC Denver offer more than 100 degree programs through 13 colleges and schools. In 2008 the University was awarded more than \$371 million in research grants and contracts. The new Anschutz Medical Campus includes over 5 million square feet of research, educational and clinical space on 227 acres. The Downtown Campus is located in one of America's most vibrant urban centers, just steps from the Denver Center for Performing Arts, the LoDo District and the state capitol. On both campuses, students, staff and faculty have access to a broad array of academic, professional, community, recreational and cultural opportunities.

**Job Responsibilities:** The primary duty of this position is to support development of microscope instrumentation in the Advanced Light Microscopy Core, at the Anschutz Medical Campus (a shared user research facility). Please see <http://lightmicroscopy.ucdenver.edu> for more information about the core. This position will be responsible for assisting in construction of a super-resolution microscope including design of the optical system, aligning optical components, interfacing hardware, and software programming. In addition, this position will be actively involved with collaborative research that includes neuroscience and cellular biology.

**Salary and Benefits:** The salary for this position has been established at \$50,000 to \$60,000 and actual salary is negotiable, commensurate with experience. The University of Colorado offers a full benefits package. Information on University benefits programs, including eligibility, is located at <http://www.cu.edu/pbs/>

The start date is negotiable. Review of applications begins mid-January 2011 and will continue until the position is filled.

The University of Colorado Denver 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 investigations for all prospective employees prior to their employment.

The University of Colorado is committed to diversity and equality in education and employment.

**Required Education/Experience/Skills:  
(Minimum Qualifications)**

1. A Ph.D. in the field of Physics, Biophysics, or Engineering
2. Minimum of 3 years research experience in optics instrumentation
4. Ability to work independently
5. Excellent communication and organizational skills

**Desired Qualifications:**

Applicants with a strong research background in microscopy instrumentation development and experience in biological fluorescence imaging are preferred.

Underrepresented minorities and women are encouraged to apply.

**Special Instructions to Applicants:**

Applications are accepted electronically at <https://www.jobsatcu.com>, posting # 812090. Applicants must upload the following materials:

1. A cover letter specifically addressing research experience and interests.
2. A current vitae/resume
3. The names, daytime telephone numbers, and email addresses for three professional references.

Three letters of recommendation are required. Please provide email addresses for three professional references who would be willing to submit a recommendation. Letters will be solicited directly from the provided contacts once an applicant has been selected for further consideration.

A review of the application material will begin immediately and continue until the position is filled.

Questions should be directed to Emily Gibson at [Emily.gibson@ucdenver.edu](mailto:Emily.gibson@ucdenver.edu)

**These documents are required to be uploaded:**

Cover Letter  
CV/resume  
List of References

**These documents are optional to be uploaded**

**Number of recommendation provider email addresses required to be entered in application:**

Three (3)

**Job Posting Contact:**

Emily Gibson

**Job Posting Contact Telephone**

303.724.3678

**Job Posting Contact Email**

[emily.gibson@ucdenver.edu](mailto:emily.gibson@ucdenver.edu)