



## Biochemistry/Analytical Intern

Boulder, Colorado, United States, Chemistry

### Description

What if you could repair broken genes? That is the question we ask ourselves at Editas Medicine. We're focused on translating the power and potential of the CRISPR/Cas9 and CRISPR/Cpf1 (also known as Cas12a) genome editing systems into a robust pipeline of medicines for people living with serious diseases around the world. Our goal is to discover, develop, manufacture, and commercialize transformative, durable, precision genomic medicines for many diseases. We're looking for talented, dedicated, passionate people to join our team and help us pioneer this field and do big, bold things that have never been achieved before. Are you full of hope, possibilities, and a belief that, working together, we can truly revolutionize the development of medicines to help patients around the world? If the answer is yes, then Editas Medicine is the place for you.

The overall aim of the analytical chemistry group is to provide analytical support for both RNA and RNPs (ribonucleoproteins) by developing new assays based on fundamental scientific research. We are looking for a Biochemistry major undergraduate to work on a project related to enzyme structure and function. We welcome applications from candidates that have excelled in freshman and sophomore lab courses and that may have additional research experience. The successful candidate will be highly motivated to complete a research project in the laboratory. The internship will culminate with an internal presentation.

### Key Responsibilities & Accountabilities:

- Learn new lab skills to address a key research question
- Follow the policies and procedures defined by the organization. Work in a safe environment
- Ability to think critically, ask questions, and accept constructive feedback
- Ability to follow standard operating procedures and operate instrumentation
- Work effectively in a team environment to achieve project goals
- Enter results into an electronic notebook in a timely fashion
- Prepare a presentation on research performed during the semester

## **Requirements**

### Knowledge, Skills & Capabilities:

- Junior or Senior Biochemistry Major as of the 2023-2024 school year
- Highly motivated to learn new skills and read primary literature
- Strong interest in CRISPR, RNA, RNP, and enzymology
- Demonstrated ability to take initiative, be creative and innovative, and work productively and efficiently in the laboratory
- Strong organizational skills with the ability to multi-task, problem-solve, prioritize assignments in a collaborative team environment, and adjust priorities to meet goals
- Strong verbal and written communication skills, including scientific presentations
- Willingness to comply with current company COVID policy
- Applicants must be legally authorized to work in the United States

### **Please Upload:**

- A recent copy of your transcript
- A one-page cover letter including your lab experience, motivation to perform research, and interest in this internship
- A CV
- Contact information for 2 references, one of which is a CU sciences faculty member willing to provide a letter of recommendation
- A proposed schedule of when you are available to work on-site 10-15 hours per week during the hours of 8am-5pm