



Student Assistant II – BioFrontiers Institute Burdick Lab

Job Summary:

We are encouraging applications for a Student Assistant to assist the Burdick Lab! The overall focus of work in the Burdick laboratory is the design of new biomaterials that can be processed through fabrication methodologies to meet the needs of medicine, ranging from translational therapeutics to tissue models of health and disease. Please find more information at the Burdick Lab website found here: <https://www.colorado.edu/lab/burdick/>

Who We Are

At the University of Colorado BioFrontiers Institute, researchers from the life sciences, physical sciences, computer science, and engineering are working together to uncover new knowledge at the frontiers of science and partnering with industry to transform their discoveries into new tools. The Institute integrates faculty members from eleven academic departments, allowing them to work across fields. BioFrontiers drives innovation without boundaries.

What Your Key Responsibilities Will Be

The student will be working in-person up to 25 hours per week.

Key responsibilities include:

- Synthesize macromers based on hyaluronic acid.
- Characterize macromers.
- Fabricate hydrogels and monitor degradation.
- Fabricate microgels with varied degradation behavior.
- Characterize degradation behavior.

What You Should Know

We are located in the Jennie Smoly Caruthers Biotechnology Building (JSCBB) on East Campus.

A candidate has been identified for this position, however, all applications will be reviewed and considered before a final hiring decision is made.

What We Can Offer

\$20 per hour.

What You Will Need

- Current enrollment in an Engineering Discipline.
- Experience working with hydrogels and assessing hydrogel properties and degradation.

Application Instructions

Please email your resume to Kristen.p.smith@colorado.edu.