



Student Assistant I – BioFrontiers Institute Palmer Lab

Job Summary:

The Palmer Lab at the BioFrontiers Institute, CU Boulder, is searching for a highly motivated undergraduate student assistant!

Our research lies at the interface of chemistry and biology, where the application of chemical and physical principles provides a unique opportunity to better understand the fundamental biochemistry of living cells.

We are committed to diversity, equity, and inclusion. In this lab, we welcome people regardless of race, ethnicity, color, country of origin, religion, gender, sexual orientation, gender identity and expression, or disability status. We believe diversity promotes excellence, that the more our lab reflects the diversity in our society, the more innovative and creative we will be, and the more we will challenge conventional norms.

Further information can be found here: <https://www.colorado.edu/lab/palmer/>

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 ideal candidate will be able to synthesize fluorescent probes, carry out PCR to amplify DNA templates, carry out in vitro transcription to generate RNA aptamers, carry out in vitro fluorescence measurements to monitor RNA biosensor responses. Learn how to culture mammalian cells, transfect cells and use fluorescence microscopy to characterize RNA biosensors in cells.

What You Should Know

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

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

What We Can Offer

\$16 per hour

What You Will Need

The candidates should have taken introductory coursework that provides a foundation for the scientific concepts that form the basis of these projects. All students will need to undergo a rigorous interview process in which they are quizzed on the underlying concepts and evaluated for their ability to work as part of a research team.

Application Instructions

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