

## Postdoc opportunity in biochemistry and structural biology of protozoan parasites

The Debler Laboratory at Thomas Jefferson University seeks to recruit an enthusiastic and creative postdoctoral scientist with a strong interest in macromolecular structure and mechanisms of chromatin biology. Our laboratory utilizes a multidisciplinary approach including biochemistry, x-ray crystallography, and cryo-electron microscopy to understand fundamental aspects of the protozoan parasite *Trypanosoma brucei*, such as antigenic variation and differentiation, at the atomic level. *T. brucei* belongs to a class of closely related pathogens that cause severe neglected tropical diseases affecting half a billion people worldwide. Thus, we also aim to identify small molecules that target essential parasite functions as leads for developing new therapies. For more information, please visit [www.deblerlab.org](http://www.deblerlab.org).

The laboratory is well-funded by several NIH grants, is well-equipped with state-of-the-art instrumentation, and has established a host of projects and collaborations with leaders in their fields to tackle our scientific questions in a multidisciplinary approach. The Department of Biochemistry and Molecular Biology has an excellent infrastructure for structural biology, including a Glacios microscope with a Falcon 4 camera within walking distance. The lab has regular access to Titan Krios microscopes and synchrotron beamlines for high-resolution data collection.

This position requires a Ph.D. or an equivalent degree in Biochemistry, Biophysics, Chemistry, or Molecular Biology. A successful postdoc candidate must have at least one first-author publication in a reputable journal from their terminal degree. While a background in biochemistry, x-ray crystallography, or cryo-electron microscopy is preferred, we are always interested in working with highly-motivated individuals with diverse academic backgrounds and skill sets and welcome new scientific perspectives into our dynamic, team-oriented, and expanding research group.

Applicants should submit a brief statement of research interests and their CV at [www.jefferson.edu/hr](http://www.jefferson.edu/hr) and reference Job ID# 9278938. The last page of the CV should include the contact information (e-mail address and phone number) for at least two references. To inquire about this opportunity, please contact Dr. Debler via e-mail ([erik.debler@jefferson.edu](mailto:erik.debler@jefferson.edu)).