Positions in the Toews Lab in the Biology Department at Pennsylvania State University

Research Technologist / Lab Manager

https://psu.wd1.myworkdayjobs.com/PSU_Staff/job/Penn-State-University-Park/Research-Technologist-3---Toews-Lab_REQ_0000052612-1

The Toews Lab at The Pennsylvania State University is seeking to hire a **Research Technologist / Lab Manager- Life Sciences-Advanced Professional.** The tasks of this position include:

- Generate and analyze high-throughput DNA sequencing data to address several evolutionary and ecological questions regarding the diversification of wood warblers.
- Assist in managing two active projects: using fecal metabarcoding data to understand the diets of insectivorous birds in diverse forest communities and studying hybridization genomics of *Vermivora* warblers. The candidate will coordinate data collection and sample storage.
- Assist in helping develop and apply new molecular and analytical tools to these projects, and independently assess the feasibility and cost effectiveness of these new methods.
- The candidate will be responsible for helping train students and postdocs with laboratory methods as well as some specialized equipment.
- The candidate will also help foster a safe, productive, and collegial lab environment. The candidate will work with the Principal Investigator (PI Toews) on effective communication of the data and will hopefully co-author subsequent publications.

Education and Experience
Typically requires a Bachelor's degree or higher (Master's degree preferred) plus seven years of related experience, or an equivalent combination of education and experience. A degree in biology, evolutionary biology, bioinformatics, genomics, or a related field is preferred, and/or experience from biotech or informatics positions. Comprehensive knowledge of high-throughput sequencing library preparation, and bioinformatics analysis is highly preferred.

Additional Information
Interested applicants should submit a cover letter describing their research interests, a current CV, and contact information for three references. Review of applications will begin immediately and continue until the position is filled.

This is a limited-term appointment funded for one year from the date of hire with the possibility of extension.

The Pennsylvania State University is committed to and accountable for advancing diversity, equity, inclusion, and sustainability in all its forms. We embrace individual uniqueness, foster a culture of inclusion that supports both broad and specific diversity initiatives, leverage the educational and institutional benefits of diversity in society and nature, and engage all individuals to help them thrive. We value inclusion as a core strength and an essential element of our public service mission.

See http://www.davetoews.com for additional information