

Postdoctoral Researcher

Description

Job Description – The Department of Chemistry at Smith College is offering a 2-year, NSF-funded postdoctoral fellowship in the Giddings Lab, focusing on microbial secondary metabolism. Why Join Us? Cutting-Edge Research: Conduct directed evolution on enzymes involved in natural product biosynthesis. NSF-Funded Project: Study and evolve siderophore biosynthetic enzymes using a yeast-based assay. Collaborative Environment: Work in a dynamic lab with state-of-the-art facilities and robust research programs. Professional Development: Co-author publications, mentor undergraduates, and attend conferences. Supportive Community: Access specialized research centers and teaching resources at Smith College. Benefits Include: Medical, Dental, and Vision insurance starting on your hire date. Generous paid holidays and time off. A retirement plan with a 9% employer-funded contribution. Financial support for professional development. Apply today and be part of groundbreaking research in a supportive, innovative environment!

Responsibilities – The goal of the project is to engineer enzymes to accept unnatural substrates. Other responsibilities include co-writing peer-reviewed articles, mentoring undergraduate researchers in the laboratory, and participating in weekly lab meetings. Participation in undergraduate courses is possible although not required. Candidates will also be provided financial support for conferences/workshop travel and career development. Required Skills: Mutagenesis, protein expression and purification, enzyme kinetics, and the ability to write scientific manuscripts in a timely manner.

Qualifications – Ph.D. in chemistry, biology, chemical or biomedical engineering, or a related discipline.

Contact – Lesley-Ann Giddings, lgiddings@smith.edu

Post End Date – 01/01/2025

Contacts

Website

https://smithcollege.wd5.myworkdayjobs.com/smithcollege/job/Smith-College/Postdoctoral-Fellow_R-202400590

Email – lgiddings@smith.edu

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Hiring organization

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October 25, 2024