



Postdoctoral Researcher

Laboratory of Elizabeth (Betsy) Parkinson

December 13, 2022

[Purdue University](#) [Department of Chemistry](#) [Department of Medicinal Chemistry and Molecular Pharmacology](#)
United States, West Lafayette, Indiana

An NIH-funded postdoctoral research position is available in the laboratory of Dr. Elizabeth (Betsy) Parkinson in the Department of Chemistry and Medicinal Chemistry and Molecular Pharmacology at Purdue University.

We are particularly interested in individuals with experience in natural product chemistry, with preference given to those with experience in natural product isolation from Actinobacteria and structure elucidation. Additional experience with either peptide synthesis or genetics in Actinobacteria would be preferred but is not a requirement. Successful applicants must be highly motivated, innovative problem solvers, and work well in an interdisciplinary research team. The Parkinson lab is interested in the identification of novel bioactive natural products from cryptic biosynthetic gene clusters in soil-dwelling bacteria, chemical syntheses of these natural products, and biological evaluation of their activities. For more information, see our [website](#).

To apply, please send (i) 1-page cover letter explaining career goals and specific scientific interests, (ii) Updated CV including a full list of submitted/accepted peer-reviewed publications. (iii) PDFs of your most relevant published papers. Please do not include review articles. Applications have a priority deadline of February 15, 2023 with an expected start date in summer 2023. Application materials should be emailed to Betsy Parkinson at eparkins@purdue.edu. Letters of recommendation need not be sent in this initial phase.

Areas of Research

Natural Products, Biosynthesis, Bioactivity, Bioinformatics, Biocatalysis, Cyclic peptides

Purdue University is an [Equal Opportunity, Affirmative Action employer](#). Minorities, women, veterans and individuals with disabilities are encouraged to apply. [Click here](#) to learn more about the University's commitment to diversity.