

The American Society of Pharmacognosy

<https://www.pharmacognosy.us/job/postdoctoral-research-associate-university-of-north-texas-2/>

Postdoctoral Research Associate – University of North Texas

Description

The Skellam lab is seeking a Postdoctoral Research Associate in the field of natural product biosynthesis to elucidate and engineer fungal biosynthetic pathways for biotechnological applications. Techniques we use include gene inactivation, gene cloning and expression, small molecule purification and structural elucidation, and organic synthesis. We are based at the University of North Texas, and are the only university system based exclusively in the robust Dallas-Fort Worth region. We are committed to transforming lives and creating economic opportunity through education. We are growing with the DFW region, enrolling a record 47,000+ students across our system and awarding nearly 12,000 degrees each year. The Department of Chemistry offers diverse opportunities for undergraduate and graduate students interested in cutting-edge technology and research. We allow students to pursue their scientific creativity with guidance from leading chemistry faculty.

Responsibilities

The successful candidate will be responsible for the day-to-day management of the project, manuscript and proposal writing, and presenting original research internally and externally at meetings and conferences. The postdoc is expected to work closely with graduate and undergraduate students.

Qualifications

Minimum Qualifications:

- The candidate should have completed their PhD and have experience and interest in natural product chemistry, biosynthesis, and synthetic biology or enzymology
- Experience with structural elucidation of complex natural products

Hiring organization

University of North Texas- Skellam Lab

Employment Type

Full-time

Job Location

Denton, TX

Date posted

November 9, 2021

Valid through

15.12.2021

Preferred Qualifications:

- Experience in genetically manipulating fungi
- Experience with genome mining / bioinformatic analyses
- Experience with small molecule synthesis
- Good interpersonal skills and a team-working attitude
- Interest in training and mentoring students

Contacts

Website – <https://jobs.untsystem.edu/postings/52283>

Email – elizabeth.skellam@unt.edu