



The Department of Pharmaceutical Sciences & Experimental Therapeutics seeks to hire for a twelve-month, tenure-track Assistant/Associate Professor faculty position in Pharmaceutics with a research focus related to Biotherapeutics/Biologics.

A successful candidate is expected to contribute their expertise in areas related to biotherapeutics in the professional and graduate educational programs, to mentor graduate students and post-doctoral scholars, and to establish or have established and externally funded, nationally recognized research program through securing external research funding and demonstrating an exceptional record of published scholarship.

Job Requirements

Required Qualifications

Ph.D. in Pharmaceutics, Pharmaceutical Sciences, Engineering Sciences, Materials Science, Chemistry, Physical Chemistry, Chemical Biology, Systems Biology, Biochemistry, or a related discipline.

Demonstrated experience promoting an inclusive culture in the workforce and academic environment.

For Assistant Professor, previous postdoctoral research, training, or work experience. For Associate Professor, demonstrated track record of significant extramural research funding, outstanding record of published scholarship, and record of teaching experience.

Desired Qualifications

Preference will be given to applicants with research interests in (1) fundamental molecular, biophysical, or material properties relevant to the formulation and development of proteins, antibodies, DNA/RNA, or other novel biotherapeutic products or (2) quantitative, multi-scale modeling of biotherapeutic distribution patterns and pharmacodynamic outcomes. Potential areas of interest include, but are not limited to,

- Quantitative systems pharmacology (QSP)
- Mechanistic evaluations of biotherapeutic ADME properties
- Novel techniques for biotherapeutic characterization
- Advanced biomanufacturing and process scale-up

Translational or applied research interests that align with one or more of the interdisciplinary research centers or institutes on campus, more information may be found at <https://research.uiowa.edu/directory-centers-and-institutes>.

Department

The Department of Pharmaceutical Sciences and Experimental Therapeutics currently consists of fifteen faculty members and more than fifty graduate students, post-doctoral fellows, and visiting scientists who participate in the research programs within the department. The research environment is highly interdisciplinary and collaborative, with faculty members having broad expertise in pharmaceutical materials, pharmaceutical chemistry, pharmaceutical biotechnology, drug delivery, pharmacometrics and systems pharmacology, drug product development and manufacturing, drug discovery, pharmacology, toxicology, and pharmacogenomics.

Benefits

The university offers a robust benefits package, for more information please visit <https://hr.uiowa.edu/benefits/employee-benefits/regular-faculty-staff-benefits>.

The College of Pharmacy offers faculty a generous incentive program that is based on research productivity. This position is eligible for the incentive program.

Application Process

Applicants should submit a cover letter describing their interests and unique accomplishments, their curriculum vitae, a concise description of their proposed research and teaching, and a list of three references. Please submit your application electronically by going to <https://jobs.uiowa.edu> and searching for requestion #75012. The first review of applications is scheduled to begin on or about 12/1/2023 and will continue throughout the search process.

For further information please contact Professors Maureen Donovan or Guohua An, Co-Chairs, Search Committee, at maureen-donovan@uiowa.edu or guohua-an@uiowa.edu.

Successful candidates will be required to self-disclose any misconduct history or pending research misconduct investigation including but not limited to sexual misconduct in prior employment and provide a related release and will be subject to a criminal background and credential check.

The University of Iowa is an equal opportunity/affirmative action employer. All qualified applicants are encouraged to apply and will receive consideration for employment free from discrimination on the basis of race, creed, color, religion, national origin, age, sex, pregnancy (including childbirth and related conditions), disability, genetic information, status as a U.S. veteran, service in the U.S. military, sexual orientation, gender identity, or associational preferences-