

Postdoctoral Research Associate in Nanomaterial Bioconjugates

Department of Bioengineering

University of Illinois Urbana Champaign

Candidates are sought for a Postdoctoral Research Associate position in the lab of Prof. Andrew Smith at the University of Illinois Urbana Champaign. The Smith lab develops nanoparticle-based imaging agents and drug therapies for the diagnosis and treatment of cancer, metabolic syndrome, and Alzheimer's disease. This position will specifically focus on the development and testing of novel classes of colloidal nanomaterials combining organic molecules, inorganic nanocrystals, polymers, and/or biological macromolecules (DNA, RNA, lipids, proteins, and polysaccharides) for applications in the life sciences. Eligible candidates must have obtained a Ph.D. degree in Chemistry, Chemical Engineering, Materials Science, Bioengineering, Pharmacology, or a closely related discipline within 10 years of the start date of the position. Candidate should have multiple first-author scientific journal articles demonstrating skills in multistep organic synthesis, polymer synthesis, and/or nanomaterials synthesis, in addition to related spectroscopic and materials characterization techniques. Candidates with additional experience in molecular biology techniques, rodent models, and/or cultured cells will receive priority consideration. Additional details are available on our website: <http://smithlab.bioen.illinois.edu/>.

The University of Illinois is an Equal Opportunity, Affirmative Action employer that recruits and hires qualified candidates without regard to race, color, religion, sex, sexual orientation, gender identity, age, national origin, disability, or veteran status. For more information, visit <http://go.illinois.edu/EEO>.

The Postdoctoral Research Associate is a full-time, benefits-eligible position with an initial appointment for 6 months with the possibility of extension based on performance and funding. The anticipated start date is as soon as possible. Salary is commensurate with experience and qualifications.

To apply for this position, submit a cover letter including a description of research expertise, a complete C.V., and contact information for you and three references to Prof. Smith (smi@illinois.edu). Please include "Smith Lab Opening" in the subject line of the email. Full consideration will be given to complete applications received before July 31, 2021. Applications will be accepted until the position is filled.

The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer. The University of Illinois System requires candidates selected for hire to disclose any documented finding of sexual misconduct or sexual harassment and to authorize inquiries to current and former employers regarding findings of sexual misconduct or sexual harassment. For more information, visit '[Policy on Consideration of Sexual Misconduct in Prior Employment](#).'

As a qualifying federal contractor, the University of Illinois System [uses E-Verify](#) to verify [employment eligibility](#). The University of Illinois must also comply with applicable federal export control laws and regulations and, as such, reserves the right to employ restricted party screening procedures for applicants.