Postdoctoral Fellow for Biomolecule-functionalized Nanoparticles and Surfaces, in the Department of Chemical & Biological Engineering.

A postdoctoral fellow position is available immediately in the laboratory of Research Assistant Professor Andrew Lee in the Department of Chemical and Biological at Northwestern University, Evanston IL.

We are looking for a highly motivated and creative individual who is interested in participating in a project that will design, synthesize and analyze nanoparticles and surfaces functionalized with biomolecules. This project will examine the key role of polyvalency in the interaction of nanoparticles with surfaces, and develop an understanding of how these interactions can be exploited in strategies for targeted drug delivery and as models for chemotaxis.

Potential candidates should have a PhD degree in chemistry, chemical engineering, biochemistry, or similar disciplines, with expertise in the synthesis and chemical modification of peptides, proteins, and small molecule ligands, and in the characterization of binding interactions. Good verbal and written communication skills in English, and an ability to work productively in a collaborative environment are essential. Please send CV, a brief description of research experience, and the names and email addresses of three references to:

Research Assistant Professor Andrew Lee, andrew.lee3@northwestern.edu

Northwestern University is an Equal Opportunity, Affirmative Action Employer of all protected classes, including veterans and individuals with disabilities. Women and minorities are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.