

Open Postdoctoral Position, Faculty Mentor Yang Zhao

Important Info:

Faculty Sponsor (Last, First Name): Zhao, Yang

UIUC Departments and Centers: Electrical and Computer Engineering, Holonyak Micro and Nanotechnology Laboratory or Center for Genomic Biology

Postdoc Appointment Term: 1 year appointment with opportunities of renewal

Appointment Start Date: Negotiable

Group or Departmental Website: <https://bionanophotonics.ece.illinois.edu/>

How to Submit Application Materials: All interested candidates can email the required application materials to yzhaoui@illinois.edu

The BioNanophotonics laboratory focuses on basic research studying how light and sound interact with biomolecules and cells. We have expertise in microscopy, metamaterials, and nanofabrications. We are looking for a highly motivated individual to join our lab. In addition to carrying out research, the post doc will be expected to write and submit manuscripts collaboratively with the team for peer-reviewed publication and assist with proposal writing. The successful candidate will be encouraged to submit the output of their work to scientific conferences and professional meetings.

Required Qualifications:

- The successful candidate should be highly motivated and hard working, able to work independently, and function well as part of a team;
- Applicants should have a PhD or MD/PhD degree in imaging, biophysics, biophotonics or similar fields;
- Previous experience in developing optical microscopy including multiphoton, confocal, super resolution, or light-sheet microscopy, etc is required;
- Additional experience in cell culture is desirable;
- Other essential qualifications include excellent verbal and written communication skills.

Required Application Materials:

- CV
- A cover letter, describing your previous work and career goals, and a putative starting date
- Letters of reference or contact for two to three references