

Postdoctoral Position in Biophotonics

The Marquette University and Medical College of Wisconsin Department of Biomedical Engineering (MU-MCW BME) has an immediate opening for a Postdoctoral Research Associate position in biomedical optical imaging and spectroscopy. Applicants with a background and interests in one or more of the following areas: fluorescence imaging, polarization imaging, optical microscopy, endoscopy, diffuse reflectance spectroscopy, fiber optics sensors, or closely related areas, will be considered. The initial appointment is for one year with possible renewal based on satisfactory performance and continued funding. Compensation will be commensurate with experience and qualifications.

About the Lab:

The Biophotonics Lab in the MU-MCW BME develops innovative optical imaging and spectroscopy devices that are more compact, accurate, reliable, and cost-effective, with applications for cancer detection and therapeutic monitoring, especially in resource-limited areas. Our projects are highly multidisciplinary and the postdoc researcher will have abundant opportunities to collaborate with physicians, engineers, computer scientists and statisticians. More information about the lab can be found at <http://www.eng.mu.edu/biophotonics>.

Qualifications:

The preferred candidate should have:

- A PhD in biomedical engineering, electrical engineering, biophysics, or other relevant discipline.
- Publications in peer-reviewed journals in one of the above areas.
- Ability of conducting independent research and strong problem-solving skills.
- Evidence of conducting collaborative research in a multidisciplinary environment.
- Experience in MATLAB and LABVIEW programming or smartphone App development.
- Excellent oral and written communication skills in English.

Application Process:

To Apply, please send a CV, the contact information of at least three references, and copies of 2-3 recent publications on which the applicant has made a significant contribution to Dr. Bing Yu at bing.yu@marquette.edu.