



Biophotonics Lab @ ECE

Invites Applications for Graduate Research Assistant

LAB DIRECTOR

Daqing (Daching) Piao, Ph.D.
Professor, Electrical and Computer
Engineering
Adjunct Professor, Veterinary Clinical
Sciences

LOCATION

Stillwater, Oklahoma

REQUIRED QUALIFICATIONS

- BS in Electrical Engineering, Biomedical Engineering, or Physics.
- Experience with MATLAB.
- Strong academic performance.
- Excellent communication skills.

DESIRED QUALIFICATIONS

- Master's degree in Electrical Engineering, Biomedical Engineering, or Physics with experience relevant to optical engineering, biophotonics, or optical spectroscopy.
- Experience with hardware interfacing based on LabVIEW
- Strong hands-on experience
- Publication record
- Post-graduate working experience.

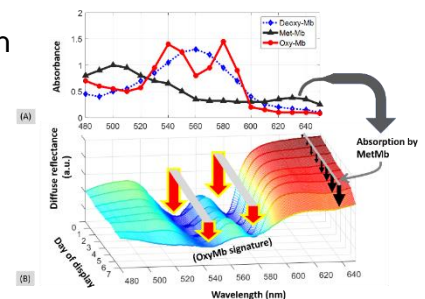
The Biophotonics Laboratory at the School of Electrical and Computer Engineering at Oklahoma State University (OSU) invites applications for a position of graduate research assistant toward PHD research in non-contact diffuse reflectance spectroscopy.

The successful applicant will work on a project funded by USDA to develop technology for measuring and monitoring food quality changes as applicable to production process. The project requires close collaboration with scientists in Animal and Food Sciences.

The successful candidate will develop PhD dissertation engaging fiber-optical implementation, software interfacing, and algorithm discovery pertinent to diffuse reflectance spectroscopy to render real-time non-contact "intelligent" assessment of food products.

The position is available starting in Fall 2022. The graduate research assistantship includes a monthly stipend and full tuition waiver which will qualify for health benefits offered by the university.

Graduate student applicants must meet departmental admissions requirements in Electrical and Computer Engineering at OSU. OSU is an equal opportunity employer.



Applications should include a cover letter describing the expertise and goals of the candidate, a comprehensive CV, transcripts, a sample publication, and the names and contact information of three references.

A single PDF with these documents should be addressed to Prof. Daqing (Daching) Piao at daping.piao@okstate.edu

The subject of the email should be "YourLastName-Application for PhD Position".