



WAYNE STATE
College of Engineering

OPIRA
Optical & Photoacoustic Imaging Research and Analysis

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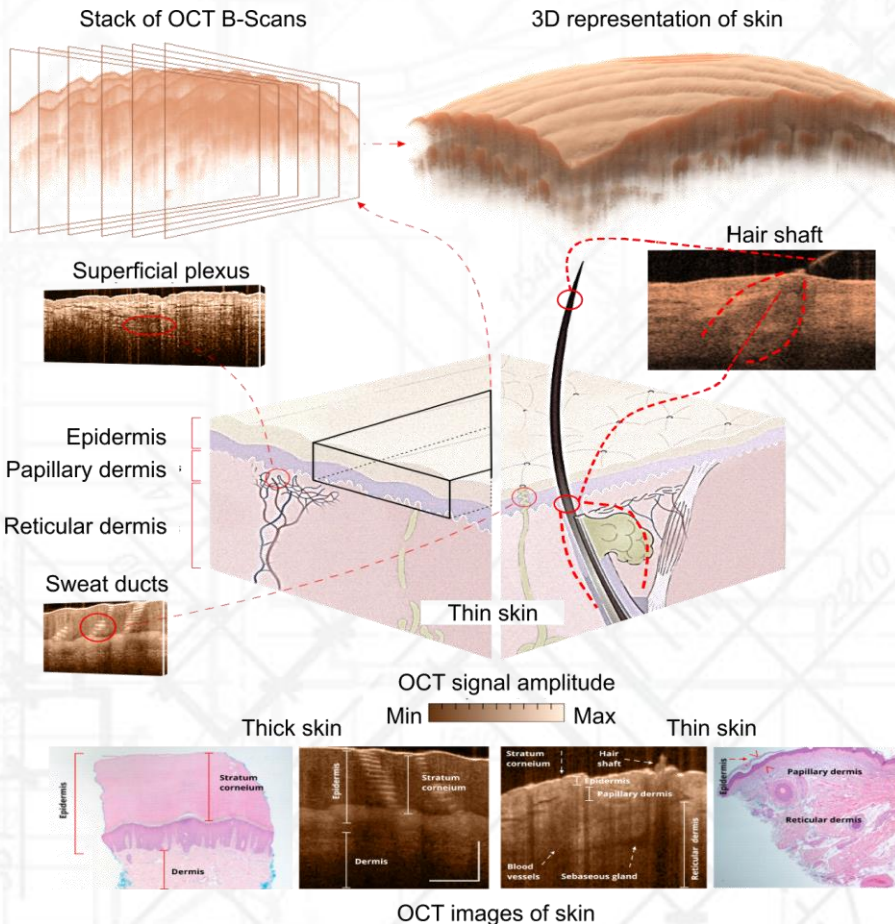
Assistant Professor, Biomedical Engineering

Optical & Photoacoustic Imaging Research and Analysis (OPIRA)



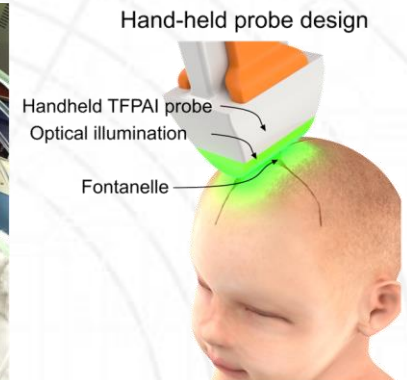
Research interests:

- ❑ Optical imaging of melanoma skin
- ❑ Hemorrhage imaging in neonatal brain



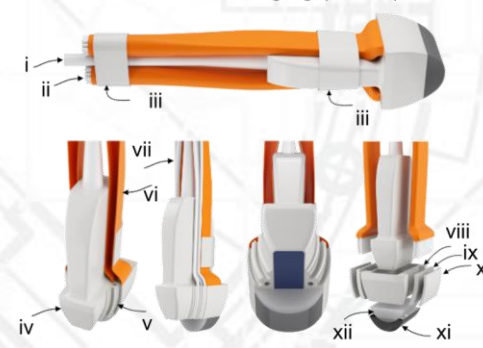
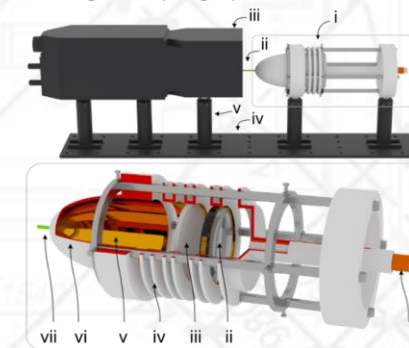
Technologies:

- Optical coherence tomography (OCT)
- Photoacoustic imaging (PAI)



Laser light coupling optics

Transfontanel Photoacoustic Imaging (TFPAL) Probe



For more information:

- Lab Website - www.OPIRA.com
- Publications - [Google Scholar](https://scholar.google.com/)