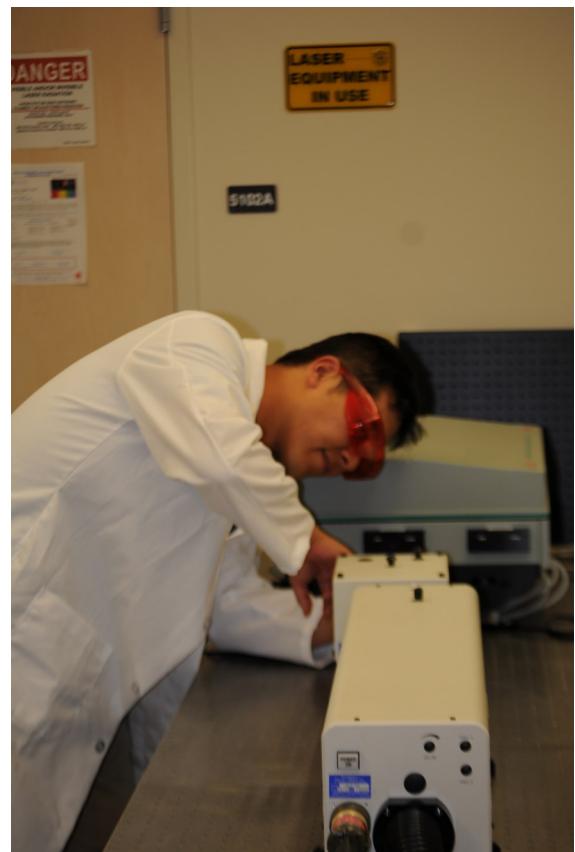


# Biomedical Ultrasound/laser Laboratory

## Research:

- Photoacoustic imaging
- High Intensity focused ultrasound
- Imaging-guided intervention
- Cavitation
- Wave propagation



## Collaborating Faculty:

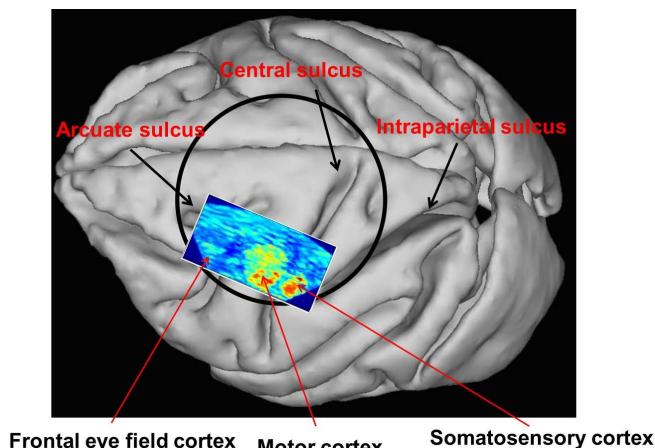
Paul Cheney, Ph.D. (KUMC)  
Hongyu Zhang, Ph.D. (KUMC)  
Mark Cohen, MD (U. Michigan)  
M. Laird Forrest, Ph.D. (KU)  
Shenqiang Ren, Ph.D. (KU)

## Equipment:

10 and 30 Hz high-power pulsed laser system; high Intensity focused ultrasound system; imaging systems for photoacoustic tomography and microscopy.

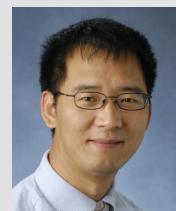
## Funding Sources:

National Institutes of Health



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### Courses:

Acoustics  
Biomedical Optics  
Mechanical Engineering Measurement  
and Experimentation

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