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

Director:
Xinmai Yang, Ph.D.
(Boston University, 2003)
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Courses:
Acoustics
Biomedical Optics
Mechanical Engineering Measurement and Experimentation

Go to www.bio.engr.ku.edu to learn more.