

Biofluids Research Lab

Research:

- Drug delivery of microbicides
- Reproductive biomechanics
- Non-Newtonian fluid mechanics
- Rheology
- Transport phenomena

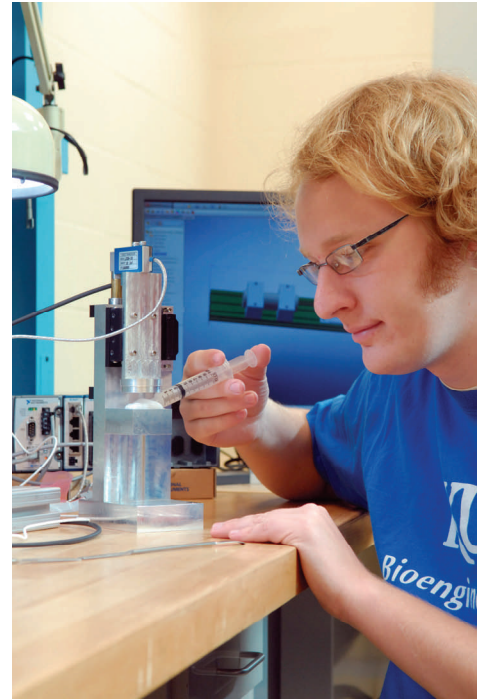
Collaborating Faculty:

Obstetrics & Gynecology: Carl P. Weiner, MBA, M.D.

Chemical Engineering: Kyle V. Camarda, Ph.D.

Molecular Biosciences: P. Scott Hefty, Ph.D.

Bioengineering: J. Lawrence Katz, Ph.D., Anil Misra, Ph.D., and Paulette Spencer D.D.S., Ph.D.

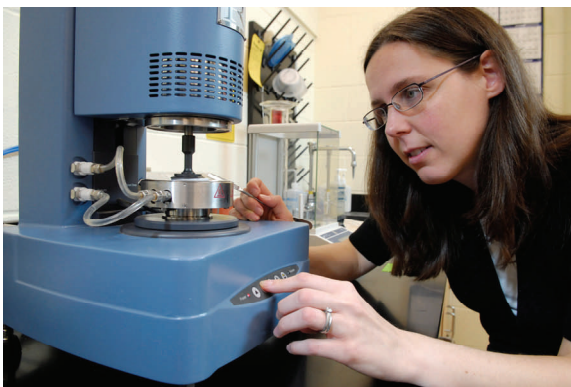


Equipment:

TA Instruments AR2000 rheometer, flow simulation apparatus and camera, NI CompactRIO programmable automation controller, data acquisition cards, and access to shared parallel computing resources

Funding Sources:

NIH—Building Interdisciplinary Research Careers in Women's Health, NSF, Kansas City Area Life Sciences Institute



Director:

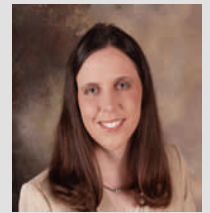
Sarah L. Kieweg, Ph.D.

(Duke, 2005)

Assistant Professor,
Mechanical Engineering

Assistant Professor

(Courtesy), Obstetrics & Gynecology



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Courses:

Biofluid Dynamics

Dynamics of Complex Fluids

Complex Fluids

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