



## Zhi-Gang Feng, Ph.D.

### Assistant Professor

Department of Mechanical Engineering

#### Field of Study

Thermal Fluid Science

#### Areas of Teaching Interest:

- Engineering Mechanics (Statics, Dynamics)
- Fluid Mechanics and Thermodynamics
- Numerical Method, Computational Fluid Mechanics

#### Areas of Research Interest:

- Multiphase Flow Modeling and Simulation
- Computational Fluid Dynamics
- Heat and Mass Transfer in Engineering Systems

#### Publications

- **Off-highway Heavy-Duty Truck Under-Hood Thermal Analysis**  
Z. Feng, S. Mao and E.E. Michaelides, Applied Thermal Engineering, Volume 30, Issue 13, p. 1726-1733, September 2010.

#### Conference Proceedings

- **Shape Effects on the Drag Force and Motion of Particles in a Viscous Fluid at Low Reynolds**  
M. Anderson, Y. Feng and Z. Feng, November 9-15, 2012, Proceedings of the ASME 2012 Int'l Mechanical Engineering Congress & Exposition IMECE2012.