

Aerospace and Mechanical Engineers

as you consider graduate school, consider the
University of Notre Dame



► A wide array of research opportunities

Fluid Dynamics and Aerospace Engineering

Aero-acoustics / Aero-optics / Active Flow Control / Particle Dynamics /
Wind Engineering / Micro-air Vehicles / Microscale Heat Transfer /
Combustion

Bioengineering (Interdepartmental Ph.D. Program)

Hard and Soft Tissue Mechanics / Bio-fluid Mechanics / Biomaterials /
Implant and Device Design / Tissue Engineering / Biotransport /
Mechanobiology

Computational Simulation and Modeling

Multiphysics Material Simulation / Multiscale Modeling /
Molecular Dynamics / Multidisciplinary Design Optimization /
High-performance Computing / Computational Fluid Dynamics

Robotics and Control

Vision-based Control / Stratified Control Systems / Kinematics and Design /
Biorobotics / Camera-space Manipulation

► State-of-the-art research facilities

Center for Flow Physics and Control

[<http://www.nd.edu/~flowpac>]

Bioengineering Research Group

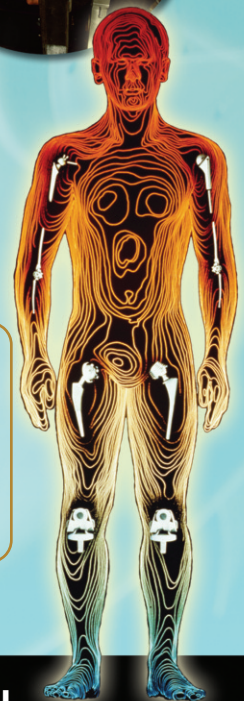
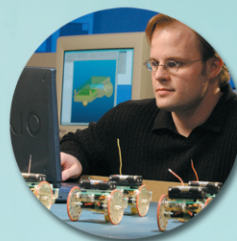
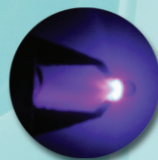
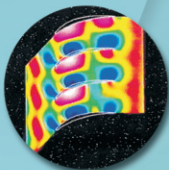
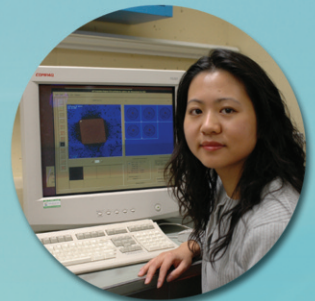
[<http://www.nd.edu/~amebio>]

Design Automation Laboratory

[<http://www.nd.edu/~nddal>]

Robotics and Dynamic Systems Laboratory

[<http://controls.ame.nd.edu>]



To learn more about our faculty and what you could expect as a student, visit Notre Dame's Department of Aerospace and Mechanical Engineering and Graduate School Web sites at <http://ame.nd.edu> and <http://graduateschool.nd.edu>

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► visit us online at <http://ame.nd.edu>

