

# Chemical and Biomolecular Engineers

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

## Faculty

Basar Bilgicer  
Paul W. Bohn  
Joan F. Brennecke  
H. Chia Chang  
Davide A. Hill  
Prashant V. Kamat  
Jeffrey C. Kantor  
Peter K. Kilpatrick  
David T. Leighton Jr.  
Edward J. Maginn  
Mark J. McCready  
Paul J. McGinn  
Alexander S. Mukasyan  
William F. Schneider  
Mark A. Stadtherr  
William C. Strieder  
Eduardo E. Wolf  
Y. Elaine Zhu

## ► Our Research Areas Include

Atomistic Simulation of Materials  
Catalyst Synthesis and Characterization  
Chemical Sensing  
CO<sub>2</sub> Capture  
Combinatorial Materials Development  
Computational Heterogeneous Catalysis  
Density Functional Theory  
Ecological and Environmental Modeling  
Electrokinetics  
Fuel Cell Technologies  
Genetic Diagnostics

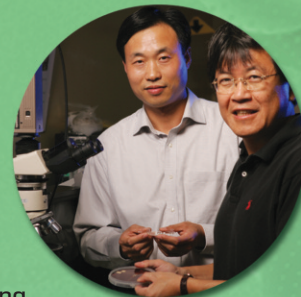
Ionic Liquids  
Interfacial Science  
Micro- and Nano-fluidics  
Multiphase Flow Dynamics  
Multivalent Biomolecular Interactions  
Optoelectronic Materials  
Oscillatory Separations  
Process Systems Engineering  
Soft Lithography  
Suspension Mechanics

## ► About the Department

The Department of Chemical and Biomolecular Engineering is developing the next generation of research leaders. Our program is characterized by a close interaction between faculty and students and a focus on cutting-edge, interdisciplinary research that is both academically interesting and industrially relevant.

## ► Programs and Financial Assistance

The department offers M.S. and Ph.D. degree programs. Financially attractive fellowships and assistantships, which include a full-tuition waiver, are available to students pursuing either degree.



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

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

