Research Area: Energy & Sustainability

Current projects include:
- Electrochemical energy storage and conversion
- Membranes for gas separations
- Materials for water purification
- Biomass conversion
- Responsible shale gas use
- Photovoltaic materials
- Direct air capture of greenhouse gases
- Plasma-enabled chemical conversions
- Computational materials design
- And more

Financial Support
- Generous 12-month stipends for Ph.D. students
- 100% health insurance premiums paid
- Full tuition scholarships
- Conference travel funding opportunities
- Dedicated graduate student career coaching

CBE at Notre Dame
- All new facilities; 20+ fully staffed core research facilities
- 104 Graduate Students
- 104 Graduate students from 26 states and 20 countries
- 23 Tenure-track Faculty; 8 Research & Concurrent Faculty
- 13 hires in past 7 years- we’re growing!
- Powerful on-campus support for professional development and personal growth

Bioengineering & Diagnostics
- Energy & Sustainability
- Molecular Simulation & Data Science
- Soft Matter and Nanomaterials

Application deadlines:
- December 15 for priority consideration
- January 1 regular deadline

Apply at graduateschool.nd.edu