

Kate M. Cerully

Kate.Cerully@chbe.gatech.edu

Georgia Institute of Technology

School of Chemical & Biomolecular Engineering

311 Ferst Drive, Atlanta, Georgia 30332-0100

Education

Georgia Institute of Technology

Pursuing Ph.D. in Chemical and Biomolecular Engineering

University of Pittsburgh

B.S. in Chemical Engineering, Minor in Chemistry, 2008

Awards and Honors

- University of Pittsburgh School of Engineering Edward and Jeanette Bundy Scholarship, Fall 2005
- Tuition scholarship for outstanding freshman leadership in the School of Engineering
- John W. Tierney Award for Chemical Engineers, Fall 2006
- University of Pittsburgh School of Engineering Alumni Student Leadership Award Finalist, Spring 2006
- University of Pittsburgh Study Abroad Scholarship, Fall 2005
- University of Pittsburgh Dean's Honor List, Spring 2005 - Fall 2005, Fall 2006 - Spring 2008

Research Experience

- NASA Student Airborne Research Program (managed by NSERC) – Irvine, CA *Summer 2009*
- Will learn to operate sampling and imaging instruments onboard the NASA DC-8 aircraft
- Undergraduate Research - University of Pittsburgh *Fall 2007 - Spring 2008*
- Researched and prepared PET powder coatings under Dr. Robert Enick

Work Experience

- PPG Industries Professional Intern - Natrium, WV *Summer 2007*
- Performed various process engineering calculations in an industrial chemical plant
- Proposed implementation of a new heat exchanger resulting in 2 year payoff and annual savings of more than \$25,000
- Schlumberger Wireline Field Engineer Intern – Victoria, TX *Summer 2006*
- Worked alongside field engineer on oil rigs in south Texas
- Rebuilt \$130,000 stockroom inventory system to increase revenue and decrease wasted parts
- Resident Assistant – University of Pittsburgh *Fall 2006 - Spring 2007*
- Served as mentor and directed building programs available to 800 residents
- Freshmen Engineering Ambassador – University of Pittsburgh *Fall 2005 - Spring 2006*
- Advised freshmen students while working in the Freshman Program Office

Activities and Leadership Positions

- Association of Chemical Engineering Graduate Students (ACHEGS) *Fall 2008 – Present*
- *Secretary* - Helped coordinate educational and social events within the department
- *First Year Representative* – Organized group events and acted as a voice for first year students
- American Institute of Chemical Engineers (AIChE) *Fall 2005 - Present*
- *Treasurer* - Oversaw university chapter funds and attended 2007 National Student Conference
- Resident Student Association (RSA) *Fall 2005 - Spring 2006*
- *President* - Presided over hall council meetings for a building of 700 residents
- Fundraised \$750 for University of Pittsburgh Children's Hospital
- *Programming Chair* - Programmed campus-wide events through the RSA senate
- Phi Sigma Rho sorority member *Fall 2004 –Spring 2008*
- Engineering Student Council (ESC) *Fall 2004 - Spring 2006*
- *Freshman Director of Activities* - Planned activities for freshman class
- Society of Women Engineers (SWE) member *Fall 2005 - Present*