

# Chunjing Wang

1306 N.Lincoln Ave 203  
Urbana IL 61801  
(217)979-7867  
wang130@illinois.edu

## Education

---

- 2008-Present      **Ph.D. candidate in Chemical and Biomolecular Engineering**  
University of Illinois, Urbana-Champaign
- 2004–2008      **Bachelor of Applied Science and Engineering (Honors)**  
University of Toronto, Ontario, Canada
  - Major in Biomedical Engineering and minor in Statistics
  - CGPA: 3.62/4.0
  - GRE results: Quantitative: 800/800 (94%), Verbal: 690/800 (97%), Writing: 5.0/6.0 (73%)

## Research Experience

---

- September 2008 - Present      **Research Assistant**
  - The Research Group for Computational and Systems Biology, University of Illinois  
Advisor: Dr. Nathan D. Price
  - Analysis on astrocytoma progression using various network-based models
  - Analysis on the core and peripheral phenotypes of different cancers
- September 2007- April 2008      **Undergraduate Thesis Student**
  - Department of Chemical Engineering, University of Toronto, Canada  
Advisor: Professor Timothy Bender
  - Thesis title: Expansion of Boron-Subphthalocyanine Chemistry for Plastic Solar cell Applications
- May –June 2006      **Research Assistant**
  - Department of Medical Imaging, Sunnybrook Health Sciences Center, Canada  
Supervisor: Professor Donald. Plewes and Dr. Peter Siegler
  - Implemented algorithm and designed hardware to construct a three-dimensional ultrasound image from an optically tracked imaging system
  - Mastered basics in the operation of ultrasound and magnetic resonance imaging
- June–August 2005      **Research Assistant**
  - Department of Civil Engineering, University of Toronto, Canada  
Supervisor: Professor Shamim Sheikh and Ph.D Candidate, Ciyan Cui
  - Evaluated the effects of wrappings in concrete or glass fibres in increasing the ability of the concrete to withstand outside attacks like earthquake or other natural disasters, compared to the same impact on regular concrete.

## Teaching Experience

---

- January-May 2010 **Teaching Assistant**
  - Department of Chemical and Biomolecular Engineering, ChBE 422 Mass Transfer
  - Solved and graded weekly homework assignments
  - Assisted in exam grading
  - Held weekly office hours and provided extra help via frequent emailing

## Awards and Achievements

---

- 2007 Sunnybrook Health Sciences Center Student Research Scholarship
- 2002–2003 Singapore Ministry of Education-Foreign Students Scholarship
- 2002 **Bronze Medal**, 14<sup>th</sup> Singapore Chemistry Olympiad
- 2001, 2002 Certificate of Distinction and Achievement,  
Certificate of High Distinction, Australian Mathematics Contest
- 2000 **Gold Medal**, Singapore Mathematics Competition, Senior Section
- 2001, 2003 **Gold medal**, Singapore Youth Festival-Chinese Orchestra