

Qike Kyle Chen
Princeton University
Department of Chemical Engineering
A314 Engineering Quadrangle
Princeton, NJ 08544
Phone: (609) 258-8222
Cell: (646) 322-7052
E-mail: qkchen@princeton.edu

EDUCATION

- 2007-present Princeton University, Princeton, New Jersey
Ph.D. Candidate, Department of Chemical Engineering
Advisor: Celeste M. Nelson
- 2003-2007 Polytechnic University, Honors College, Brooklyn, New York
B.S. in Chemical & Biological Engineering with a Minor in Mathematics
- Advisors: Jose M. Pinto & Mauricio Porfiri

HONORS

- Fall 2008 Princeton University William R. Schowalter Travel Fund Award
2007-2008 Vice President of Chemical Engineering Honor Society, Omega Chi
Epsilon
- 2007-2008 Graduate fellow of National Engineering Honor Society, Tau Beta Pi
2003-2007 Polytechnic University Dean's List
2003-2007 Polytechnic University Board of Trustee Scholarship

EXPERIENCE

- 2008-present Graduate research investigating the effects of basement membrane on
matrix metalloproteinase-3 induced epithelial-mesenchymal transition
- Spring 2009 Assistant Instructor for CHE 346 undergraduate chemical engineering
core lab
- Supervised students in experiments of surface coating, ultrafiltration and distillation column
 - Graded lab reports and poster presentations
- 09/06-06/07 Undergraduate research on modeling ecological systems
- Simulated population dynamics in ecosystems under different conditions using C++
 - Developed probabilistic equations to predict the population trend

09/05-06/07

Teaching assistant for undergraduate multivariable calculus

- Graded homework assignments and worksheets
- Held workshops and review sessions

PRESENTATIONS

1. Poster Presentation. "Effects of Basement Membrane on Matrix Metalloproteinase-3-Induced Epithelial-Mesenchymal Transition," Chen Q.K., Radisky D.C. Nelson C.M. The American Institute of Chemical Engineers Annual Meeting, Philadelphia, Pennsylvania, November, 2008.
2. Oral presentation. "Roles of Biochemical and Physical Signals in Matrix Metalloproteinase-3 Induction of Epithelial-Mesenchymal Transition," Chen Q.K., Radisky D.C. Nelson C.M. Biomedical Engineering Society Annual Meeting, St. Louis, Missouri, October, 2008.