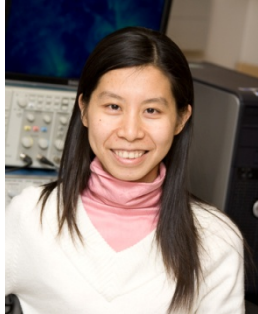


BIOGRAPHICAL SKETCH

NAME Chiao-Chen Chen, Graduate Student		POSITION TITLE Graduate Student
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INSTITUTION AND LOCATION	DEGREE (if applicable)	FIELD OF STUDY
National Taiwan Normal University/ Taipei, TW	B.S.	Chemistry
National Taiwan Normal University/ Taipei, TW	M.S.	Chemistry
Indiana University/ Bloomington, IN	2007-present	Chemistry

A. Positions and Honors

Professional Employment

- 2010 **Research Assistance**, *Indiana University-Bloomington*, Analytical Chemistry, Department of Chemistry
2009 **Research Assistance**, *Indiana University-Bloomington*, Analytical Chemistry, Department of Chemistry
2008 **Associate Instructor**, *Indiana University-Bloomington*, Department of Chemistry
2007 **Associate Instructor**, *Indiana University-Bloomington*, Department of Chemistry
2006 **Research Assistance**, *National Cheng Kung University*, Analytical Chemistry, Department of Chemistry

Professional Activities

Membership Electrochemical Society

Awards and Honors

- 2010 Eli Lilly Analytical Award; Lilly Research Laboratory
2002 Outstanding Student Scholarship; National Taiwan Normal University
2001 TASCOC Chemical Corporation Scholarship
2000 Outstanding Student Award; National Taiwan Normal University

B. Peer Reviewed Publications (reverse chronological order)

- Chen, C.-C.; Derylo, M. A.; Baker, L. A. Measurement of Ion Currents through Porous Membranes with Scanning Ion Conductance Microscopy. *Anal. Chem.*, **2009**, *81*, 4742-4751
- Chen, C.-C.; Shih, J.-S. Multi-Channel Piezoelectric Quartz Crystal Sensor with Principal Component Analysis and Back-Propagation Neural Network for Organic Pollutants from Petrochemical Plants. *J. Chin. Chem. Soc.* **2008**, *55*, 979-993.

C. Presentations

1. Chen, C.-C.; Derylo, M. A.; Baker, L. A. "Imaging Ion Flux with Scanning Ion Conductance Microscopy". 215th ECS Meeting, San Francisco, CA (May 2009)

Posters:

2. Chen, C.-C.; Baker, L. A. "Study Ion Transport with Scanning Ion Conductance Microscopy". Gordon Research Conference, Waterville Valley, NH (June 2009)
3. Chen, C.-C.; Baker, L. A. "Studies of Ion Transport and Membrane Permeability with Scanning Ion Conductance Microscopy (SICM)". Turkey Run Analytical Conference, Marshall, IN (July 2009)
4. Chen, C.-C.; Morris, C. A.; Sa, N.; Baker, L. A. "Applications of Scanning Ion Conductance Microscopy (SICM)". Gordon Research Conference, Ventura, CA (June 2010)

D. Teaching Experience

2004	Teaching Assistant		General Chemistry
2005	Teaching Assistant		General Chemistry
2008	Associate Instructor	Fall Semester	Chemistry 103: Introduction to Chemical Principles
2009	Associate Instructor	Spring Semester	Chemistry 103: Introduction to Chemical Principles