


BIOGRAPHICAL SKETCH

NAME Sean Bird Physical Address: Research Associate Department of Chemistry Indiana University Simon Hall MSB 212 S. Hawthorne Drive Bloomington, IN 47405		POSITION TITLE Research Associate 	
Office: Simon Hall: 108A ph: (812)856-5484 email: spbird@indiana.edu			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Purdue University/ Indianapolis, IN	B.S.	2004	Chemistry
Indiana University /Bloomington, IN	Ph.D. Candidate	2006- Present	Chemistry

A. Positions and Honors

Professional Employment

2004-2006 **Quality Control Analyst**, *Covance*, Indianapolis IN

Professional Activities

Memberships: American Chemical Society, American Association for the Advancement of Science.

Awards and Honors

2009 National Science Foundation EAPSI Award

2003 Math Mentor of the Year, Purdue University (Indianapolis)

B. Peer Reviewed Publications (reverse chronological order)

1. L.A. Baker and S.P. Bird, "Nanopores – A Makeover for Membranes," *Nature Nanotechnology*, 3, 73-74, 2008. (<http://www.nature.com/nnano/journal/v3/n2/full/nnano.2008.13.html>)

C. Posters Presented

1. 2007 Turkey Run Analytical Chemistry Conference- Scanning Tunneling Microscopy of C₃ Symmetric Molecules
2. 2008 Turkey Run Analytical Chemistry Conference- Design and Development of a Biomimetic Membrane: Inspired by the Nuclear Pore Complex
3. 2008 Midwest University Analytical Chemistry Conference- Design and Development of a Biomimetic Membrane: Inspired by the Nuclear Pore Complex
4. 2009 Turkey Run Analytical Chemistry Conference- Utilization of Surface Plasmon Resonance to Investigate Binding Between Nucleoporins and Nuclear Transport Receptors

D. Teaching Experience

2006-2008 Associate Instructor Chemistry 117: Chemistry and Biochemistry; N330: Intermediate Inorganic Chemistry; C315 Chemical Measurements and Laboratory; C316 Bioanalytical Chemistry Laboratory; C501: Chemical Instrumentation