

Susquehanna Valley Section American Chemical Society

Annual Education Awards Banquet



**Portabella's Catering
Bloomsburg, Pennsylvania**

6 May 2009

6:00 p.m.

MICHAEL MCGRAW	MMI Preparatory School
	Teacher – Ms. Nemetz
MOLLY WELIKONICH	North Schuylkill High School
	Teacher – Ms. Harris
EVAN DAY	South Columbia Area High School
	Teacher – Mr. Merkel

EXAM B WINNERS

EMILY DICKER	Wyoming Area High School
	Teacher – Ms. Palmer
ANDREW HESS	Wyoming Area High School
	Teacher – Ms. Palmer

EXAM B RUNNER-UP

JON HIMES	Mifflinburg Area High School
	Teacher – Mr. Landis

VI. Chemistry Olympiad Entrants *Dr. Amy Bradley*

LAUREN OPSASNICK	Scranton Preparatory School
	Teacher – Ms. Nagurney
LUCAS KOWALCZYK	Honesdale High School
	Teacher—Ms. Tonkin
STEPHEN GAN	Scranton Preparatory School
	Teacher – Ms. Nagurney
LEWIS BEVANS	MMI Preparatory School
	Teacher—Ms. Nemetz

VII. College Award Winners *Dr. Terese Wignot*

JONATHAN SHRIMP	Bloomsburg University
NATHAN CONTRELLA	Bucknell University
DEBORAH WYCHOCK	King’s College
KYLE TOTARO	Lycoming College
JENNIFER ELWARD	Misericordia University
PATRICK DONNELLY	University of Scranton
MATT CAMPBELL	Susquehanna University
AMANDA KARRAFA	Wilkes University

VIII. Joseph Priestley House..... *Mr. Thomas Bresenhan*

IX. "Engaging Students in the Classroom: Is Technology the Answer? "

*Dr. Daniel King
Drexel University*

The debate about the use of technology in the classroom is an ongoing one. While some believe that the chalkboard lecture is still the most effective approach and others promote the benefits of group work and peer instruction, there is a growing belief that current students respond better to more advanced visual stimuli, which are facilitated through the use of technology. As the incorporation of technology becomes more pervasive, it is important to assess the effectiveness of technology as a pedagogical tool. Does the use of technology in the classroom improve student learning, or is technology just the latest fad in education? In this talk, I will present research results that assess the effectiveness of two forms of technology (personal response devices, or clickers, used in the classroom and pre-exam review information available online) to increase student engagement and learning. In each case, quantitative assessment is based on student surveys, usage statistics and comparison of performance on in-class questions and corresponding exam questions.

Dr. Daniel King received a B.A. from the Johns Hopkins University and a Ph.D. in Marine and Atmospheric Chemistry from the University of Miami. He did post-doctoral research at the National Oceanic and Atmospheric Administration (NOAA) in Boulder, CO. Currently, he is an Assistant Professor of Chemical Education in the Chemistry Department at Drexel University. He is a recipient of the Allan Rothwarf Award for Teaching Excellence at Drexel.

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The programs of the Society include meetings, publications, education, awards, and public service activities, including National Chemistry Week. 1500 ACS meetings are held each year at the local, regional, national, and divisional levels. Over twenty ACS journals are the leading resources in the chemical field. Educational activities include services to high school and college chemistry students and continuing education programs for its members. The Society presents numerous awards for outstanding achievement in various fields of chemistry through national, regional, divisional, and local channels. Fellowships and research grants for basic research are administered by the society.

The Susquehanna Valley Section of the ACS includes members from eight counties in central to northeastern Pennsylvania.