Susquehanna Valley Section American Chemical Society

Annual Education Awards Banquet



Portabella's Catering Bloomsburg, Pennsylvania

6 May 2009

6:00 p.m.

PROGRAM

I.	Welcome and Introdu	ctionsDr. Ronald Supkowski
II.	50/60-Year ACS Memory MR. RODERICK R. MOOR MR. WALTER H. DAUB (6)	
Ш	. Joseph Priestley Servi DR. TIMOTHY STREIN	ce Award <i>Dr. Ronald Supkowski</i> Bucknell University
IV.	High School Teacher A MS. CAROLYN SIWAK	AwardMr. Ronald Blatchley Abington Heights High School
V.	Special Local Section A	Award
VI. David H. Frederick Memorial Awards in High School Chemistry		
EXAM A WINNERS		
	RYAN STROUP	Selinsgrove High School Teacher – Ms. Hepner
	ASA FRANK	Williamsport Area High School Teacher – Mr. Kelley
	JOSEPH BUTTACCI	Scranton Preparatory School
	ERIC WERBIN	Teacher – Ms. Nagurney Wyoming Area High School
	RACHEL BOY	Teacher – Mr. Williams Bloomsurg High School Teacher – Mr. Davis
EXAM A RUNNERS-UP		
	SAM BRININGER	Mifflinburg Area High School Teacher – Mr. Landis
	ERIN KEPNER	Hughesville High School Teacher – Ms. Strouse
	CURTIS ECKARD	Jersey Shore Area High School
	CELINA FORAN	Teacher – Mr. Smith South Williamsport Area High School
	NICOLE ADAMSKI	Teacher – Mr. Eisley Scranton Preparatory School
	GINO WARNICK	Teacher – Ms. Nagurney Hanover Area High School Teacher – Ms. Holodick
	CHRIS FRAGASSI	Holy Redeemer High School
	LETITIA WARUNEK	Teacher – Ms. Humiston Pittston Area High School
	CHRIS KROPIEWNICKI	Teacher – Mr. Timlin Greater Nanticoke Area High School Teacher – Mr. Collins

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

Wyoming Area High School
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

LUCAS KOWALCZYK Honesdale High School
Teacher—Ms. Tonkin

STEPHEN GAN
Scranton Preparatory School
Teacher – Ms. Nagurney
MMI Preparatory School

EWIS BEVANS MMI Preparatory School Teacher—Ms. Nemetz

VII. College Award WinnersDr. Terese Wignot

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

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

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 American Chemical Society is a nonprofit scientific and educational association of professional chemists and chemical engineers. Although the Society is primarily an American organization, virtually every nation is

represented among its nearly 160,000 members.

questions.

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.