

# **Susquehanna Valley Section American Chemical Society**

## **Annual Education Awards Banquet**



**Kehr Union Building, Room 408  
Bloomsburg University  
Bloomsburg, Pennsylvania**

10 May 2006

5:30 p.m.

## PROGRAM

- I. Welcome** .....*Dr. Deborah Hokien, Past- Chair*
- II. Joseph Priestley Service Award**....*Dr. William VandenHeuvel*  
MR. RONALD BLATCHLEY
- III. 50-Year ACS Members**.....*Dr. Dee Casteel, Councilor*  
DR. WILLIAM VANDENHEUVEL  
MR. LARRY SHERMAN  
MR. GORDON AITKEN
- IV. Outstanding High School Teacher Award**.....  
*Dr. Deborah Hokien, Past-Chair*  
MR. RALPH SMITH, Jersey Shore Senior High School
- V. David H. Frederick Memorial Awards in High School Chemistry**.....*Dr. Eric Hawrelak*

## ADVANCED EXAM AWARDS

MICKEY ADELMAN	Abington Heights High School Teacher – Carolyn Siwak
KEVIN MUSTO	Pittston Area High School Teacher – Ann Marie Roberts

## FIRST YEAR EXAM AWARDS

JOHN WATSON	Pittston Area High School Teacher – Ann Marie Roberts
KALEEN LAVIN	Scranton Preparatory School Teacher – Jane Nagurney
FRANCIS LOVECCHIO	Williamsport Area High School Teacher – Ed Kelley
DAVID SCHWARTZ	Danville Area High School Teacher – Deborah Slattery
DANIEL MANBECK	Mifflinburg Area High School Teacher – Brian Landis
MELISSA WASILEWSKI	Abington Heights High School Teacher – Carolyn Siwak

## HONORABLE MENTION

BRIAN MUSTO	Pittston Area High School Teacher – James Timlin
SEAN DURKIN	Scranton Preparatory School Teacher – Jane Nagurney
KRISTEN FENOCCHIO	Scranton Preparatory School Teacher – Jane Nagurney
SARAH GABRIEL	Scranton Preparatory School Teacher – Jane Nagurney
NATHAN FRAILEY	Williamsport Area High School Teacher – Ed Kelley
CHELSEA MANDELL	Bloomsburg Senior High School Teacher – Todd Davis
LINDSAY KAZAR	Mifflinburg Area High School Teacher – Brian Landis
DAKOTA GESSNER	Mifflinburg Area High School Teacher – Brian Landis
AMANDA NEYHART	Abington Heights High School Teacher – Carolyn Siwak
J. L. PAULL	Hannover Area High School Teacher – Jocelyn Holodick
J. A. ERDMAN	Line Mountain Senior High School Teacher – Shelley Herb
Z. M. BAIER	Jersey Shore Senior High School Teacher – Ralph Smith
CALEB WILSON	Old Forge High School Teacher – Adrianna Rubric

## **VI. International Chemistry Olympiad Entrants.....**

*Dr. Amy Bradley*

BRANDON KUJAWSKI	Scranton Preparatory School Teacher – Jane Nagurney
RIMA SHAH	Scranton Preparatory School Teacher – Jane Nagurney

**VII. College Award Winners ..... *Dr. Therese Wignot***

LAURA E. THOMPSON  
LAURA GREELEY  
LAURA J. BONIN  
JOSEMAR CASTILLO  
THOMAS UMILE  
TIMOTHY OSWALD

Bucknell University  
College Misericordia  
King's College  
Lycoming College  
Scranton University  
Wilkes University

**VIII. "Joseph Priestley's Chemistry" .....*Mr. Ronald Blatchley***

Joseph Priestley was an 18th Century theologian who also dabbled in political philosophy and in the sciences: optics, electricity, and especially chemistry where he exhibited a special knack for the design and execution of intricate experiments. He was born in England in 1733 and counted many luminaries of the time among his friends and associates. He regularly interacted with such people as Josiah Wedgwood, Erasmus Darwin, James Watt, Benjamin Franklin, Thomas Jefferson and John Adams. The focus of his chemical experiments was pneumatic chemistry - the chemistry of air. In the early eighteenth century, the word "air" was used to describe all gases and it was thought that different properties of air samples were the result of something having been added or removed from atmospheric air. When Priestley first turned his attention to the study of chemistry, only two gases other than atmospheric air were known: carbon dioxide and hydrogen. Priestley discovered at least eight new gases, the most famous being oxygen - or "dephlogisticated air" as he called it. In 1794, political and religious persecution led Priestley to leave England and move his family to Northumberland. He continued his chemical experiments here, though with less vigor than in his youth. His most significant Northumberland discovery was carbon monoxide.

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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.

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.