

**Susquehanna Valley Section
American Chemical Society**

**Annual
Education Awards
Banquet**



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

5 May 2004

6 p.m.

PROGRAM

I. Welcome *Dr. William VandenHeuvel, Chairman*

II. 50-Year ACS Member *Dr. Dee Casteel, Councilor*

DR. HANS VEENING, Professor Emeritus, Bucknell University

III. Joseph Priestley Service Awards *Dr. William VandenHeuvel*

Dr. Timothy Strein

DR. OWEN R. FAUT

Past Chairman, and 18 years as Councilor.

Professor of Chemistry at Wilkes University, 1967-2000

DR. BENNETT R. WILLEFORD

Co-founder of Section, Past Chairman,

Professor of Chemistry at Bucknell University, 1950-1984.

IV. Outstanding High School Teacher Award . . . *Ronald C. Blatchley*

MS. EILEEN PALMER, Wyoming Area High School

V. David H. Frederick Memorial Awards in High

School Chemistry *Dr. Greg Zimmerman*

ADVANCED EXAM AWARDS

CHARLES BURNS

Wyoming Area High School
Teacher - Eileen Palmer

DANIEL DENIS

Abington Heights High School
Teacher – R. Scott Jeffrey

FIRST YEAR EXAM AWARDS

MORGAN WILLIAMS

Lewisburg Area High School
Teachers – Jennifer Kelly and Ronald Blatchley

ALEX ALEKSEYENKI

Williamsport Area High School
Teacher – Ed Kelley

ERIK BLOMAIN

Scranton Preparatory School
Teacher – Jane Nagurney

MEGHAN KEEFE

Tunkhannock High School
Teacher – Carolyn Layaou

STEPHANIE MIGLIORI

Tunkhannock High School
Teacher – Carolyn Layaou

FRANK SABATINI Wyoming Area High School
Teacher – Eileen Palmer

JEREMY D. HAUZE Mining & Mechanical Institute
Dr. David Stiller

HONORABLE MENTION

KRISTINA SANDERS Shikellamy Senior High School
Teacher – Yvonne Monahan

ELYSE WHARY Line Mountain Senior High School
Teacher – Shelley Herb

AMANDA PAULHAMUS Jersey Shore Senior High School
Teacher – Ralph Smith

STEVIE HAMM Montgomery Area Sr. High School
Teacher – Mark Peterman

SARAH LUPPINO Abington Heights High School
Teacher – Carolyn Siwak

TIM MCKINLEY Danville Area High School
Teacher – Tracy Hepner

AMANDA AVERY Northwest Area High School
Teacher – Joseph Hizny

BEN KUZNICKI Bloomsburg Senior High School
Teacher – Todd Davis

VI. International Chemistry Olympiad Entrants *Dr. Don Mencer*

JEFFREY MUSYT Scranton Preparatory School
Teacher: Ms. Jane Nagurney

MICHAEL COOLBAUGH JR. Wyoming Area High School
Teacher: Eileen Palmer

CHARLES BURNS Wyoming Area High School
Teacher: Eileen Palmer

VII. College Award Winners*Dr. Terri Wignot*

JUSTIN STEEN	Bloomsburg University
KATHERINE MARI KLEISSAS	Bucknell University
RYAN TROVITCH	King's College
JESSE J. (J.J.) MANIKOWSKI	Lycoming College
TERRI HARCHR	Scranton University
DAVID WILLINGHAM	Wilkes University

**VIII. "Natural Products from Plants, Frogs and Arthropods:
Impact on Biomedical Research"***Dr. John W. Daly*
National Institutes of Health

ABSTRACT: Natural products provide a plethora of biologically active compounds with remarkably diverse structures. Many such compounds from a wide variety of sources (plants, marine organisms and microorganisms) have had a major impact on biomedical research and clinical medicine. Alkaloids such as morphine, reserpine and atropine have been especially important. Valuable compounds have also come from amphibians and arthropods. Remarkably, almost all of the over 500 alkaloids discovered in amphibian skin now appear to be derived unchanged from alkaloid-containing ants, beetles and millipedes.

2004 ACS SUSQUEHANNA VALLEY SECTION OFFICERS

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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.