

# **Susquehanna Valley Section American Chemical Society**

## **Annual Education Awards Banquet**



**Pine Barn Inn  
Danville, Pennsylvania**

May 1, 2019

5:30 p.m.

## PROGRAM

- I. Welcome and Introductions** ..... *Dr. William Dougherty*
- II. 60-Year ACS members** ..... *Dr. William Dougherty*  
DR. ARTHUR WESTWELL 60 year member  
MS. PATRICIA ANN LEVANDOSKI 60 year member  
MR. RODERICK RAY MOORE 60 year member
- III. Joseph Priestley Service Award** ... *Dr. William Dougherty*  
DR. DEE CASTEEL Bucknell University
- IV. Ron Blatchley High School Chemistry Teacher of the Year Award** ..... *Mr. Ronald Blatchley*  
MS. ANGELA GOCKLEY Lewisburg Area High School
- V. National Chemistry Week Award** ..... *Mr. Patrick Martino*  
K-2 Category  
GARRISON REINER Upper Dauphin Elementary  
6-8 Category  
DANIEL GRIFFITH Hazelton Area High School  
9-12 Category  
MYA ROSARIO Hanover Area Jr/Sr High School
- VI. David H. Frederick Memorial Awards in High School Chemistry** ..... *Dr. Charles Mahler*

## EXAM A RUNNERS-UP

VINCENT PULK-GRIMES	Williamsport Area High School Teacher – Ms. Jennifer Flint
ASHLEY KATCHMAR	Old Forge Jr/Sr High School Teacher – Ms. Adrianna Rupprecht
ABBIE MORGAN	Line Mountain High School Teacher – Dr. Shelley Herb
BRANDEN WHEARY	Jersey Shore Senior High School Teacher – Mr. William Ferguson
ROBERT DIBERNARDO	Williamsport Area Jr/Sr High School Teacher – Mr. Chase Smith
CELESTE ORCHARD	Western Wayne High School Teacher – Ms. Maria Masankay
ANDREW DIRIENZO	Bloomsburg High School Teacher – Mr. Todd Davis
DAX PATEL	Bloomsburg High School Teacher – Mr. Todd Davis
SAMANTHA EROH	Marian Catholic High School Teacher – Mr. Robert Valente

## EXAM A WINNERS

CHENCHEN GU	Lewisburg Area High School Teacher – Mr. Jon Bixler
SAMANTHA BRANTON	South Williamsport Jr/Sr. High School Teacher – Mr. Matthew Eisley
KAILEY BRIDGEMAN	Scranton Preparatory School Teacher – Ms. Donna Barrett
JAKOB QUANBECK	Abington Heights High School Teacher – Dr. Eric Stroyan
FRANK YUSCAVAGE III	Hanover Area Jr/Sr High School Teacher – Dr. Jocelyn Holodick-Reed
JOY ZHANG	Danville Area High School Teacher – Mr. Paul Dennehy

## EXAM B RUNNERS-UP

CONOR EMERY	Mifflinburg Area High School Teacher – Mr. Matthew Wells
ERIC BAKER	Milton Area High School Teacher – Ms. Faye Hinson-Santos
KADEN FOULDS	Shikellamy High School Teacher – Ms. Yvonne Monahan
LAUREN LUDWIKOWSKI	Abington Heights High School Teacher – Ms. Carolyn Siwak
DOMINIC MAGLIONE	Honesdale High School Teacher – Ms. Michelle Tonkin
DAVID ANTOLICK	MMI Preparatory School Teacher – Ms. Melissa McHale

## EXAM B WINNERS

SAMUEL DARER	Lewisburg Area High School Teacher – Mr. Jon Bixler
ERIC RESSLER	Selingsgrove Area High School Teacher – Ms. Tracy Hepner

### VII. Chemistry Olympiad Competitors .....*Mr. Patrick Martino*

RYAN SIEBECKER	Abington Heights High School Teacher – Ms. Carolyn Siwak
ERIC RESSLER	Selingsgrove Area High School Teacher – Ms. Tracy Hepner
JASMINE ELSASSER	Selingsgrove Area High School Teacher – Ms. Tracy Hepner
STANLEY CONKLIN	Western Wayne High School Teacher – Ms. Maria Masankay
LIAM HILL	South Williamsport Area High School Teacher – Mr. Matthew Easley
SAMUEL DARER	Lewisburg Area High School Teacher – Mr. Jonathan Bixler
KATRINA TYNAN	Reach Cyber Charter School Teacher – Ms. Sara Swidorski

### VIII. College Award Winners..... *Dr. Ernie Trujillo*

LAUREN BARRETT	Bloomsburg University
KIMBERLY HOLLISTER	
KAT TOWNSEND	Bucknell University
TYLER SCOTT	King’s College
PAIGE N. ROCKWELL	Lycoming College
DAVID SCHNABLE	Misericordia University
RAMA N. KARADSEH	University of Scranton
KARA G. PYTKO	Susquehanna University
DARREN DOLAN	Wilkes University

## IX. "Using Analytical Chemistry to Support Rural Coffee Farmers in Dominican Republic"

Dr. Jeremy Ramsey , *Lycoming College*

Coffee is grown at high elevation in tropical regions of the world with Central and South American countries producing the bulk of the agricultural crop. In most producing countries, coffee is commonly traded globally following harvesting and processing, but rural coffee farmers in Dominican Republic have almost no access to the wider market and receive a very low return for their crops. This causes them to work additional jobs to avoid living in poverty. The Warrior Coffee Project at Lycoming College aims to create international markets for Dominican grown coffee with the first efforts being directed toward a Lycoming branded coffee being the first step. Our research group has begun assisting these efforts by evaluating the quality of drinking water available to farmers so that we might suggest water handling and hygienic methods that they can implement to increase their quality of life. More recently, we have begun developing methods for monitoring antioxidant capacity of coffee and deploying these analysis methods to the mountainous, coffee-growing regions of Dominican Republic. The presentation will discuss water quality, coffee production, analytical method development, and challenges of initiating a research program in a foreign country.

Dr. Jeremy Ramsey has been a faculty member in the Department of Chemistry at Lycoming College since 2005. He earned his B.S. in Chemistry from Clarion University of Pennsylvania and his Ph.D. from The Ohio State University. Following graduation, he spent two years as a Postdoctoral Fellow at the Oak Ridge National Laboratory, followed by two years as a Senior Scientist with Geo Centers at the Naval Research Laboratory. Dr. Ramsey's experience is predominantly within the areas of electrochemistry and vibrational spectroscopy, however, he also has significant experience with miniaturized separation methods (Lab on a Chip/Microfluidics), chromatographic analysis of explosives, and spectroscopic characterization of organic reducing agents (samarium diiodide).

### 2019 ACS SUSQUEHANNA VALLEY SECTION OFFICERS

CHAIR	WILLIAM DOUGHERTY, Susquehanna University
PAST CHAIR	NICOLA EDWARDS, Misericordia University
CHAIR-ELECT	WILLIAM DOUGHERTY, Susquehanna University
SECRETARY	RONALD SUPKOWSKI, King's College
TREASURER	HOLLY BENDORF, Lycoming College
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ALT. COUNCILOR	DONALD MENCER, Wilkes University

The American Chemical Society (ACS) 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 over 150,000 members.

Some of the many programs sponsored by the ACS are meetings, publications, education, awards, and public service activities, including National Chemistry Week. Each year, 1,500 ACS meetings are held 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 ACS 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.