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# *Southeaster*

SOUTHEASTERN PENNSYLVANIA SECTION

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NO. 1

## MESSAGE FROM THE EDITOR

Greetings from SEPSACS! This issue includes information about our annual Education Night where we honor outstanding students and educators from our local high schools and colleges. Also in this issue are the results of our SEPSACS officer elections, area science fairs and Chemistry Olympiad. On page 2 we pay tribute to our valued SEPSACS member, Tom Eberlein, who passed in October.

## SOUTHEASTERN PENNSYLVANIA SECTION



AMERICAN CHEMICAL SOCIETY

### **SEPSACS Education Night**

York College of Pennsylvania

Tuesday, April 17, 2018

**5:30 -7:00 pm Concurrent Events in Yorkview Hall, Willman**

**Business Center:**

**Registration:** Yorkview Hall

**Dinner:** Yorkview Hall

**Poster Session:** Yorkview Hall

**Presentation:** Yorkview Hall

7:00 PM – Awards Ceremony,

Whalen Award honoring an Outstanding High School Chemistry Teacher, Outstanding High School and College Chemistry Students, Dr. Judith Bond Scholarship, Area Science Fair Winners, and Chemistry Olympiad Winners.

For reservations, please contact;  
Dr. Gregory Foy (sepsacs.education@gmail.com) (717)815-1523 by April 9<sup>th</sup>

**Driving Directions:** Directions and a campus map are available at;  
<http://www.ycp.edu>

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**In Memoriam**  
**Thomas Eberlein, Ph.D. (1957 - 2017)**

SEPSACS wishes to recognize the passing of Dr. Thomas “Tom” Eberlein. Tom passed away peacefully at his home on October 25 after facing brain cancer with a strong and positive spirit. Tom served as a Professor of Chemistry in the Penn State system for three decades, most recently at the Penn State-Harrisburg campus. He is recognized by SEPSACS as being an inspiring and capable teacher, a good friend and colleague to many and for his 18 years of outstanding service to SEPSACS as our regional Chemistry Olympiad coordinator. Tom will be greatly missed by many. On behalf of all of SEPSACS, we offer our condolences to his extended family, friends and colleagues, and we are grateful for all Tom did to promote and enhance chemistry education in southeastern PA.

**2018 SEPSACS Officers**

Congratulations to the following SEPSACS individuals who were elected recently. Their new terms began in January 2018.

Chair-Elect: Rebecca Lowe  
Alternate Councilor (2018-2020): James Foresman  
Treasurer: James Foresman  
Secretary: Virginia Hunsberger  
Member-at-Large (2018-2020): Andrea Nagy

Thank you to those holding continuing positions in 2018, who are:

Chair: Rebecca Lowe  
Past-Chair: Somia Abdelgawad  
Councilor (2016-2018): Gregory Foy  
Member-at-Large (2016-2018): Cathy Santai  
Member-at-Large (2017-2019): Steven Bonser

***Check out SEPSACS on social media for the latest news and to connect with other members!***

Twitter: [www.twitter.com/SEPSACS](http://www.twitter.com/SEPSACS) Facebook: [www.facebook.com/SEPSACS](http://www.facebook.com/SEPSACS)

LinkedIn group: Search for: Southeastern Pennsylvania Section of the American Chemical Society (SEPSACS)

### LOCAL SCIENCE FAIR RESULTS

The **Capitol Area Science and Engineering Fair** was held on Saturday, March 24th, 2017 at the Whitaker Center in Harrisburg. The following SEPSACS Awards were presented:

First Place, \$150 and certificate:

Chloe Kot, Carlisle HS, "Transfection Conditions for Human Leukemia Cells"

Second Place, \$100 and certificate:

Anushka Konka, Cumberland Valley HS, "Want to Eliminate the Hydrogen Peroxide in Your Body?"

Third Place, \$50 and certificate:

Hanah Miller, Trinity HS, "Plants vs. Acid Rain"

Honorable Mention, certificate:

Zishan Li, Harrisburg Academy, "Power the Future: Producing Gas by Using Curcumin Solution and Formic Acid"

The following SEPSACS awards were presented on at the **York County Science and Engineering Fair** Award Ceremony:

First Place (\$150) Alex Sun, Red Lion HS, "3D Printing of Biodegradable Materials"

Second Place (\$100) Arnav Bal, Dallastown HS, "Don't Throw Away - Find A Way. Best Bio Waste For Bioplastic"

Third Place (\$50) Eva Wolfe, Dallastown HS, "A Comparison of the Energy Content of and Power Exerted by Diesel and Biodiesel"

### CHEMISTRY OLYMPIAD RESULTS

High school students from our local section recently completed the SEPSACS Chemistry Olympiad Local Section Exam. The top three students are listed below. They will take the three-part National Exam on Saturday, April 21<sup>st</sup>. Each of these students received a cash prize from SEPSACS and will be recognized during at our Education Night dinner.

First Place (\$150) Joshua Willard, Cumberland Valley High School, Teacher: John Brenneman

Second Place (\$100) Christopher Carroll, Cumberland Valley High School, Teacher: John Brenneman

Third Place (\$50) Sean Patch, Cumberland Valley High School, Teacher: John Brenneman

**SEPSASC WEBMASTER NEEDED**

Do you have experience creating and maintaining webpages? SEPSACS is in need of a webmaster. If you are interested in volunteering for this position, please contact Jim Foresman at [jforesma@ycp.edu](mailto:jforesma@ycp.edu).

**SEPSACS OFFICERS**

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|--------------------------|--|
| Chair and<br>Chair-Elect | Rebecca Lowe, <a href="mailto:bexlowe@me.com">bexlowe@me.com</a>         |
| Secretary                | Virginia Hunsberger, 1033 S. Spruce St., Elizabethtown, PA 17022         |
| Treasurer                | James Foresman, Physical Sciences Dept., York College,<br>York, PA 17403 |
| Councilor                | Gregory Foy, Physical Sciences Dept. York College, York, PA<br>17403     |

**MEMBERS AT LARGE**

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|--------|--|
| 16-18  | Cathy Santai, Harrisburg University of Science and Technology, Harrisburg, PA<br>17101   |
| 17-19  | Steven Bonser, Dept. Of Chemistry, Millersville University,<br>Millersville, PA 17551  |
| 18-20  | Andrea Nagy, Harrisburg University of Science and Technology, Harrisburg,<br>PA 17101  |
| Editor | Allison Predecki, Dept. of Chemistry, Shippensburg University, Shippensburg,<br>PA 17257, <a href="mailto:ahpred@ship.edu">ahpred@ship.edu</a> |

All views expressed are those of the editor or individual contributor and do not represent the official position of the Southeastern Pennsylvania Section of the American Chemical Society.