

## *Chair's Report*

Greetings Orlando Local Section,

I don't know if you are busier during the summer, or gearing down to relax a wee bit, but we are excited to announce our Summer Social event at [blu on the avenue](#) on Friday, June 29. It will be a fantastic dinner with a little chemistry on the side. Details in this newsletter.

Also, for those in the section who were teaching this past spring semester, make a note of any students that would be worthy of a chemistry award. The call for award nominations for all categories will come out in September. There are eight awards covering students, teachers, and professors for all levels from high school to graduate school, and also the professional chemist. We are adding a new category for outstanding volunteer this year with the award of registration fees for the ACS National Conference held in Orlando spring 2019!

And, take a look at our new Facebook page <https://www.facebook.com/acsorlandols/> and our website <http://orlando.sites.acs.org/> to stay current with events.

Kind regards,

### **Your 2018 Officers**

Chair	Laura Sessions	<a href="mailto:lsessions@valenciacollege.edu">lsessions@valenciacollege.edu</a>
Chair-elect	Thorsten Schmidt	<a href="mailto:thorstone9@gmail.com">thorstone9@gmail.com</a>
Treasurer	Jim Bellows	-
Secretary	Elizabeth Barrios	<a href="mailto:elizabeth.barrios@nasa.gov">elizabeth.barrios@nasa.gov</a>
Councilor	Darlene Slattery	<a href="mailto:dslattery1@cfl.rr.com">dslattery1@cfl.rr.com</a>
Alternate Councilor	Laura Sessions	<a href="mailto:lsessions@valenciacollege.edu">lsessions@valenciacollege.edu</a>

### **Appointed Chairs**

Outreach Co-Chairs	Emily Heider	<a href="mailto:Emily.Heider@ucf.edu">Emily.Heider@ucf.edu</a>
	Nadia Edwin	-
Younger Chemists	Elizabeth Barrios	<a href="mailto:elizabeth.barrios@nasa.gov">elizabeth.barrios@nasa.gov</a>
Committee Co-Chairs	Bailey Mourant	<a href="mailto:baileymourant@knights.ucf.edu">baileymourant@knights.ucf.edu</a>

## Upcoming Activities

*Summer Social*

*June 29, 2018*

### *Summer Social Event*

*blu on the avenue*

*Friday June 29*

*6pm appetizers and cash bar*

*7pm dinner*

*Dr. Michael Hampton will give a brief talk  
on "The Chemical Signature of Learning"*

*\$25 per person*

*Bring colleagues, family, or a friend!*

*RSVP by June 22 to Laura Sessions*

*[lsessions@valenciacollege.edu](mailto:lsessions@valenciacollege.edu)*

*More details at*

*<http://orlando.sites.acs.org/>*



### **Earth Day Outreach**

**April 21, 2018**

*Emily Heider shared the following report of the Earth Day Outreach. Many thanks to her for coordinating this excellent showcase to the general public.*

We overcame gusty winds and light sprinkling rain to demonstrate chemical phenomena and engage event visitors in hands-on activities. We had some great volunteers from the ACS student chapter, chair Laura Sessions, and Jim Harper helping to setup the tent and get the demos going.

The biggest lure to the tent was the glowing blue light from Dr. Uribe-Romo's photoreactor, and we were lucky to have him and graduate student, Richard, for a few hours to explain the research. One visitor commented, "Why haven't I heard of this? This is Nobel Prize material!"

The chromatography craft was a big hit with the kids (although most of them seemed to enjoy the glitter glue a bit more than the science of the color mixing). Visitors of all ages enjoyed using the light sensor to measure reflectance and albedo over our "globe." One visitor kept bringing back different friends to see the water electrolysis experiment.

Overall, we were able to complete about 50 chromatography earth crafts, hand out 72 ACS color-changing pencils, 48 "Smart Chemistry" tip sheets, and about 100 "Celebrating Chemistry" Magazines.

Great big thanks to volunteer Michael Wales, and his wife Sherryl, for persevering through the afternoon crowds, tent and table take down, and loading of the car (with a call to triple AAA for car trouble thrown in to keep things interesting).

Photos follow on the next page.

## Earth Day Outreach Photos





The Orlando Section General Meeting took place Saturday, April 7, 2018 from 1:00-2:30pm at Valencia College's Lake Nona Campus. Dr. Bob Rolle presented a talk on his experiences in the dietary supplement industry. Fifteen members, students, and family were fascinated by the development of the FDA from its beginnings emanating from outrage sparked by exposes of the meat packing industry, which led President Teddy Roosevelt to press for reforms. From this beginning, consequences of ingesting or using commercial preparations sometimes with tragic results, led congress to add regulations over time at watershed moments with substantial governmental regulatory acts in 1938, 1962, 1984, 1990 and 1994. Dr. Rolle discussed the dynamics of the dietary supplement industry following our government's 1994 Dietary Supplement Health & Education Act relative to causes of low quality (not meeting label claims, contamination, etc.) together with efforts by organizations to provide quality safeguards.



Many thanks to Dr. Rolle for sharing his expertise and experiences with this important issue!

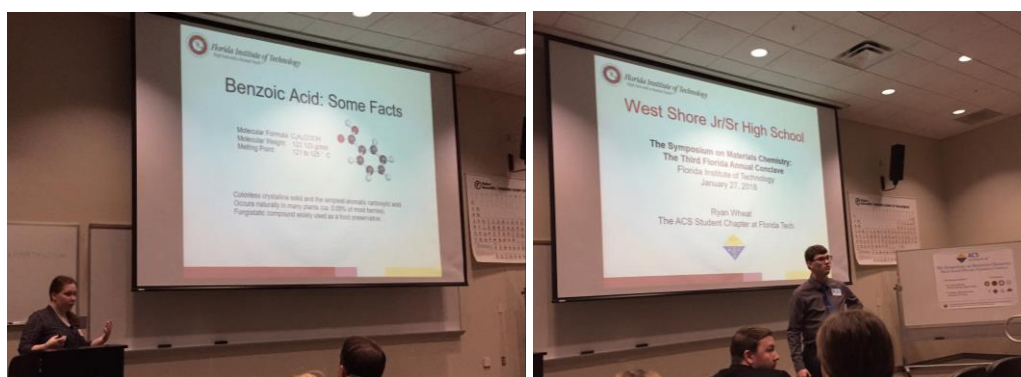
## **The First Annual Symposium for Materials Chemistry at Florida Tech**

The Student Chapter of the American Chemical Society (ACS) at Florida Tech (FIT) hosted chemistry students from across Florida attending the First Annual Symposium for Materials Chemistry, held on Saturday February 27, 2018.

The goal of the Symposium is to promote the bonds between student chapters of ACS across Florida and to help chemistry undergraduates develop their professional network and enrich their understanding of the field of materials chemistry.



*(Left) Florida Tech ACS members greet attendees at the check-in table. (Right) Attendees mingle over breakfast refreshments before the Symposium begins.*



*(Left) ACS@FIT president, then vice president, Audrey Preston discusses the FIT ACS's chemical snow globe event. (Right) Former ACS@FIT president Ryan Wheat presents about his outreach efforts.*

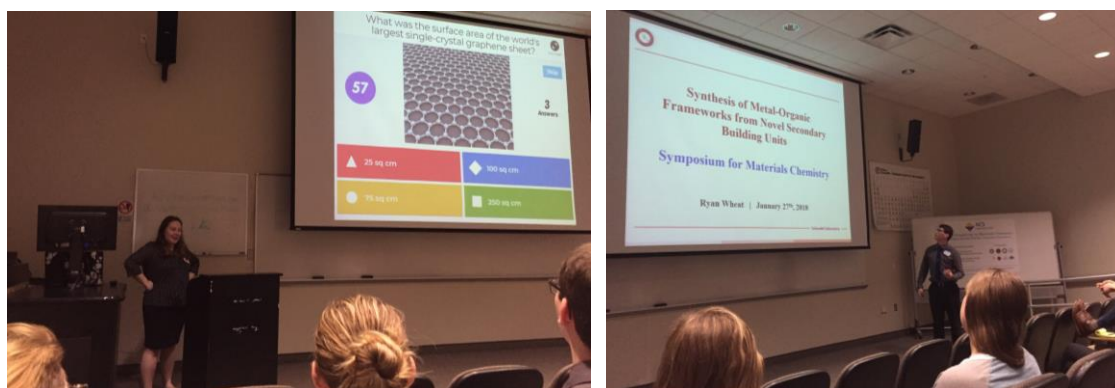
The event brought together over 40 students from Florida State University, University of Southern Florida, Stetson University, Rollins College, Valencia College, and University of Central Florida

to the main campus of FIT for a full day of activities focused on education, networking, professional development, and research.

Guest speaker Dr. Luke Roberson led a talk focused on career development, citing his experiences working for NASA. Dr. Roberson conducts materials research with NASA and is Chair of the 2019 ACS National Conclave. The second speaker, Professor George Christou of the University of Florida, presented his research on colloidal nanoparticles. Other symposium activities included student-research presentations, presentations on ACS student chapter activities, a chemistry quiz game where participants vote from their phones, and free lunch and refreshments.

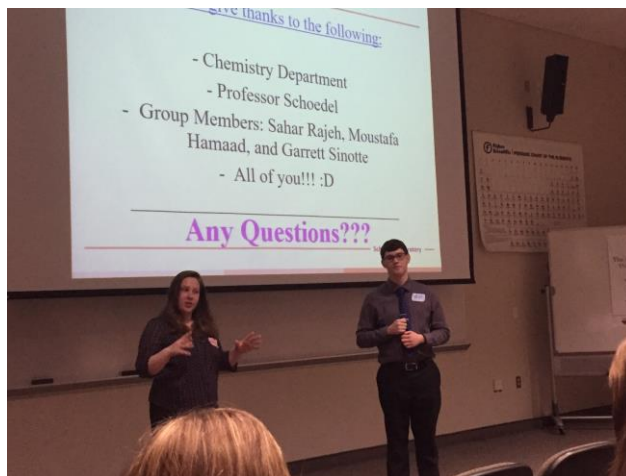


*(Left) Guest speaker Dr. Luke Roberson (NASA Researcher and member of the ACS International Activities Committee) discusses career opportunities for chemistry majors. (Right) Professor Christou (Distinguished professor, UF) leads a riveting presentation on multinuclear transition metal complexes.*



*(Right) Symposium attendees compete in a materials chemistry trivia game. (Left) Attendees learn about chemistry research led by Ryan Wheat, former ACS@FIT president.*

The Symposium for Materials Chemistry was co-sponsored by the Orlando Section of ACS and FIT's Department of Chemistry. The Conclave was supported by an Inter-Chapter Relations Grant awarded by the national ACS for a proposal jointly submitted by the ACS and science clubs at UCF, Rollins, Stetson, Valencia College, Seminole State Collage, and the Orlando Section of ACS.



*Ryan Wheat and Audrey Preston of ACS@FIT close the event on a light note.*

The Second Annual Symposium will be hosted by ACS@FIT, with organizational assistance from ACS@UCF. If you would like to become involved or help support next year's Conclave, please contact Dr. Norito Takenaka at [ntakenaka@fit.edu](mailto:ntakenaka@fit.edu).



**Stay tuned for more activities!**

**You can visit our website:**

**<http://orlando.sites.acs.org/>**

**or, our new Facebook page:**

**<https://www.facebook.com/acsorlandols/>**