

Chair's Report

Greetings Orlando Local Section,

I want to draw your attention to the electronic ballot error. You may have received an e-ballot from the Secretary's UCF email address, however this ballot was not received by all voting members. Therefore, I have recalled that one, and sent a second one from my email address on 11/02/18. Please use this one to vote, as votes cast in the first ballot will not be counted! I have extended the voting period until 11/19/18 to give the same planned voting time.

Please let me know if you have any questions or concerns. Many thanks to those who have volunteered to serve the section as officers in 2019; you can see their biosketches below.

Kind regards,

Your 2018 Officers

| | | |
|---------------------|-------------------|--|
| Chair | Laura Sessions | lsessions@valenciacollege.edu |
| Chair-elect | Joel Olson | jolson@fit.edu |
| Treasurer | Jim Bellows | - |
| Secretary | Elizabeth Barrios | elizabeth.barrios@nasa.gov |
| Councilor | Darlene Slattery | dslattery1@cfl.rr.com |
| Alternate Councilor | Laura Sessions | lsessions@valenciacollege.edu |

Appointed Chairs

| | | |
|---|-------------------------------------|--|
| Outreach Co-Chairs | Emily Heider Nadia Edwin | Emily.Heider@ucf.edu - |
| Younger Chemists Committee Co-Chairs | Elizabeth Barrios Bailey Mourant | elizabeth.barrios@nasa.gov baileymourant@knights.ucf.edu |



Upcoming Activities

Elections

November 19

If you are a voting member of the Orlando Section, you should have received an electronic ballot or paper ballot (if requested) by now. The election schedule and biosketches of the candidates follow. Descriptions of the position and duties are found in our by-laws on our website:

<https://orlando.sites.acs.org/aboutus.htm>

Many thanks to those who have volunteered to serve the section as officers in 2019! Remember that there are many appointed positions that will also need to be filled in the new year such as newsletter chair, social/banquet planning chair, etc.



Election Schedule:

| | |
|--------------------|---|
| October 15 | Deadline for receipt of nominations, including biographical information |
| November 2 | Mailing ballots and voting opens |
| November 19 | Voting closed |
| December 1 | Certify election results with ACS National |

2019 Orlando Section ACS Officer Candidates Biosketches:

Chair

Dr. Joel Olson

Hailing from the upper Midwest, Dr. Olson completed an enlistment with US Navy before he was accepted to the University of Wisconsin at Madison. As an undergraduate student majoring in chemistry at Wisconsin, Dr. Olson became involved in researching the optical and chemical properties of II-VI semiconductor surfaces. He then attended graduate school also at the University of Wisconsin at Madison working under the dual supervision of Arthur B. Ellis and Robert J. Hamers where he constructed a scratch-built scanning tunneling microscope (STM). He then used his STM to investigate tip-induced chemical reactions on cleaved surfaces of cadmium selenide.

Upon completion of his Ph.D., Dr. Olson's first professional position was as a Principal Chemist at Ecolab, Inc. in St. Paul, MN. From Ecolab, Dr. Olson obtained a position as a Visiting Associate Professor in the Chemistry Department at the University of Saint Thomas in Saint Paul, MN. He then became a Post-Doctoral Fellow in the laboratory of Philippe Buhlmann at the University of Minnesota at Minneapolis using STM to investigate chemically-modified STM tips.

In 2003, Dr. Olson accepted a permanent faculty position at Florida Institute of Technology. His research has been directed toward the use of STM to investigate the quantum mechanical properties of pharmaceutical and catalyst molecules. In addition to research, Dr. Olson enjoys spending time with his family, playing guitar, kayaking, bicycling, and he is an avid board game and role-playing game enthusiast.

Chair Elect

Dr. Christopher Chouinard

Dr. Chouinard was born and raised in the small town of Grafton, MA. His interests in chemistry and biology brought him south, where he attended University of North Carolina at Chapel Hill and furthered his passion for analytical chemistry. After briefly working as a project manager for a contract research lab back in Massachusetts, Chris pursued his Ph.D. at the University of Florida. There, Chris worked under world renowned mass spectrometrist Rick Yost, and was responsible for integrating drift tube-ion mobility spectrometry (DTIMS) into the Yost lab. Chris's interests at UF involved IM-MS studies of clinical molecules (steroids, Vitamin D metabolites) and he also received grant funding through the Partnership for Clean Competition to develop novel IM-MS methods for improved identification of anabolic androgenic steroids in athletes.

After graduating from UF, Chris traveled to the opposite corner of the country to engage in a prestigious post-doctoral position at Pacific Northwest National Laboratory (PNNL) in Richland, WA. While working with Dick Smith, another world leader in mass spectrometry, Chris designed and developed a Structures for Lossless Ion Manipulations (SLIM) platform that enabled the first integration of LC into the SLIM IM-MS pipeline for improved analysis in phosphoproteomics.

Chris joined the faculty at Florida Tech in the summer of 2018 and will continue his work in ion mobility-mass spectrometry. Current projects involve improved methods for metabolomics and lipidomics with gas-phase chemistry. He is excited about returning to Florida, and looks forward to becoming involved with the Orlando section of the ACS!

Treasurer

Dr. Van Quach

Van Quach is a professor of chemistry at Seminole State College. He has been teaching there since Aug 2010. He received his Bachelor of Science degree in chemistry from the University of Florida in 1999. After taking some time off for travel, he made his way up to Tallahassee, FL to start graduate school. At Florida State University, his research focused on better understanding of the theoretical and fundamental processes that occur during chemical separation. Specifically, he investigated the temperature dependence of the phase ration in liquid chromatography systems. He received his Ph.D. in 2009 and taught for two years at FSU before returning to the central Florida area to teach at Seminole State College. In his spare time, he enjoys cooking, reading, and drinking good wines.

Secretary (2 candidates)

Bailey Mourant

Medical Scientist – University of Florida Institute for Therapeutic Innovation

My name is Bailey Mourant, and it would be my honor to serve as 2019 Secretary of the ACS Orlando Local Section. I have deep roots within the American Chemical Society, beginning when I served as President and Vice President of ACS at the University of Central Florida – the largest student chapter of ACS in the state of Florida. During that time, our chapter earned both the ACS Outstanding Student Chapter Award (only designated to 45 out of 500+ chapters each year) and Green Chemistry Award from National ACS. We initiated a new program under my presidency called Bonding with Bithlo, where we taught hands-on science classes to students in Bithlo, Florida, where 16.1% of the population lives in poverty and only 23% of people are college educated. Our chapter also organized and executed the first ever ACS Florida Chemistry Conclave (ACS-FCC), and with backing from the Orlando Local Section, were able to bring ACS students from around the state together for a successful, one-day chemistry conference.

Since graduating from UCF, I newly co-founded the first ever Orlando Younger Chemists Committee in response to the upcoming 257th ACS National Meeting & Exposition in Orlando, FL this upcoming spring. Moving into the future, this chapter will serve as a beacon for young chemistry professionals in Orlando to communicate, collaborate, and enrich our community. Since attending my very first general meeting a few years ago, the ACS Orlando Local Section has supported many of my chemistry initiatives and has provided me with ample opportunities to grow professionally. It would be a real pleasure for me to give back to this organization and hopefully provide others with an ACS experience as positive as my own.

Dr. Michel Johnson

I offer my candidacy for the board of the Orlando Chapter of the American Chemical Society. I can assist the chapter by assuming either the responsibility of Secretary, Treasurer or Member at large. I am a retiree and interested in advancing the American Chemical Society's mission to advance the broader chemistry enterprise and its practitioners for the benefit of Earth and its people through its Orlando chapter.

I am a biochemist (bachelor, 1980) with a doctoral degree (1985) from Laval University, Canada, who went to research the neurotoxicity of amphetamine analogs at the University of Utah. In 1994, I pursued the opportunity to implement an ISO 9001-compliant protocol at the Department of the Army as a quality control chemist and worked to identify and implement best practices in the workplace. I continued to serve in the federal government as an analyst, team leader and issue manager guiding multi-agency activities until 2016.

I became an ACS member in 1993 and have prior experience as treasurer and secretary of the Intermountain Chapter of the Society for Neuroscience (1993), as well as Treasurer and President of a Home Owner's Association (2017-2018).

Alternate Councilor (3 candidates)

Dr. Denisia M. Popolan-Vaida

Assistant Professor



Dr. Popolan-Vaida joined the Department of Chemistry at the University of Central Florida as an Assistant professor in 2017. Her research areas include atmospheric chemistry, combustion chemistry, and catalysis.

As a Postdoctoral research scholar at the University of California, Berkeley and Lawrence Berkeley National Laboratory she carried out research on combustion and atmospheric chemistry. She earned a Ph.D. degree in physical-chemistry from the University of Ulm, Germany, a Master of Science degree from West University of Timișoara, Romania/Free University of Berlin, Germany, and a Bachelor of Science degree from West University of Timișoara, Romania.

Dr. Popolan-Vaida is the co-author of 28 peer-reviewed scientific publications. She was awarded several fellowships, such as Feodor Lynen Research Fellowship, DAAD Scholarship (German Academic Exchange Program), Erasmus Scholarship, and EMSPS Scholarship (European Mobility Scheme for Physics Students).

Patti McCall

I am Assistant Professor/Science Librarian at Rollins College. Prior to joining Rollins, I was the Science Librarian/Assistant Professor at the University of Central Florida and before that I ~~that~~ had spent eight years as Science Librarian/Library Director at Albany Molecular Research, Inc. I have been involved with ACS since 2012 and active in both the Chemical Information and Chemical Education Divisions. I am also an active member of the Science & Technology Section of the Association of College and Research Libraries. I would like to become more involved with the Orlando Chapter and meet colleagues and professionals in chemistry and identify ways to promote chemical education and scientific literacy.

Dr. Jennifer Williams

Jennifer Williams recently moved to central Florida from Jacksonville, FL where she previously served the Jacksonville Section of ACS from 2009-2016 in a variety of positions, such as Chair, Chair-Elect, Secretary, National Chemistry Week Coordinator, and Chemistry Olympiad Coordinator. Jennifer was a Lecturer at the University of North Florida prior to moving where she loved assisting her students in achieving their dreams and was the advisor for the student chemistry club. Jennifer also previously worked as a civil service chemist for the Department of the Navy at Naval Air Systems Command at Naval Air Station Jacksonville. She holds a Ph.D. in analytical chemistry with a specialty in mass spectrometry from the University of Florida. Jennifer resides in Merritt Island, FL and is a full-time mother to her two sons, ages 1 and 4, and devoted wife to her loving husband.



ACS Orlando Section Annual Awards Banquet Saturday, December 1

You are cordially invited to attend The Orlando Section's annual awards banquet on Saturday, December 1 from 11:30 am to 2:00 pm at the Big Fin Seafood Kitchen restaurant at 8046 Via Dellagio Way, Orlando 32819 (<http://bigfinseafood.com/>).

The event will begin with a social that will include hors d'oeuvres of house-made chips, vegetable pot stickers, and grouper bites. A cash bar will be available (\$5.00 well brand drinks, bottled domestic beer, and house white and red wines).

The lunch menu will include:

Homemade Caesar Salad

Choice of one entrée:

Salmon with garlic mashed potatoes and green beans- lemon butter sauce

or

Airline Chicken Breast with yellow pilaf and green beans

or

Vegetarian Dish with garlic mashed potatoes and green beans

Coey Goey Dessert

Coffee, Tea, Soft drinks

The cost will be \$27/person, tax and gratuity included. Because the Section will pay the bill with a single check, be prepared to pay at the door by check or cash—no credit cards will be accepted.

Following lunch, we will recognize outstanding individuals for their achievements in the field of chemistry.

To make your reservation, please email or call Dr. Darlene Slattery, dslattery1@cfl.rr.com or 321-632-2535. Reservations must be made by November 26, 2018. In addition to the number of people attending, please include names so that we can provide nametags.

American Chemical Society Orlando Section

Dear ACS members,

We are soliciting your assistance in helping our Orlando Section ACS to support the March 31-April 4, 2019 ACS National Meeting & Exposition in Orlando.

Our Section is offered three venues that we will use to promote chemistry in our region during the upcoming ACS National meeting. These venues are:

- a booth in the exposition hall,
- access to the exposition hall theater for presentations, and
- a social event.

We are also asked to staff a local host booth to orient conference attendees. Volunteers staffing these venues will receive volunteer access badges.

The exhibition hall booth will be our rallying point to promote the chemistry being done in our area and to support networking among attendees. We will do this by posting vignettes promoting local chemical companies, companies that hire chemists, academic institutions, chemical researchers, and testimonials from you illustrating what chemists do in the region. We will also post a schedule on the availability of researchers and local business leaders visiting the booth for direct face-to-face interaction. Our goal is that students and out-of-state chemists will return home understanding they can have a fulfilling career in our area.

We are requesting your help and support from your employers - send us a short narrative we will use for vignettes about the exciting work you do and to show conference attendees the outcomes chemistry delivers.

1) Professionals:

- Provide your name with a job title, and specialty as applicable. You can identify your alma mater.
- Provide an example of the type of problems you are working to resolve or the type of solutions you deliver.
- Tell us what makes you excited about going to work and working in Florida.
- Obtain permission to name your employer to identify them and optimally allow us to hang your company logo. We can use your vignette even if your employer wishes not to be identified.

2) Local companies:

- Tell us who you are and what you do.
- Tell us about your product that chemists in your employ make possible. What do chemists do for you?
- What problem(s) you would like chemists to resolve to make your life, business, profitability better?
- Why are you established in the region?

3) Retirees with a career in the area:

- Same input as for professionals above with emphasis on why chemists should consider practicing in our state.

4) Leaders and researchers attending the meeting:

- Let us know if you are interested to be at the exposition hall booth to meet colleagues and students interested in your work. The Orlando Section will post a “Meet and Greet” schedule listing the day and time when you would be at the booth to discuss your work and answer questions. We will require a little lead-time on your schedule to enable us to post a schedule at the booth.

5) Local host booth: Let us know if you are interested in staffing the local host booth to answer questions on where to eat or shop in the area, or to find specific landmarks.

Deadlines: Respond in the survey link here [promoting your work & volunteers ACS Conference 2019 Orlando](#) to let us know if you can help us with a vignette or would like discuss your work at our booth during the national meeting. Our initial deadlines are November 17 for any interest and receipt of the information for a vignette by December 1, but please let us know if you have an idea, but need more time to formulate it.

Thank you for making Florida a great place to do chemistry!



Chemistry for New Frontiers

Spring 2019

March 31 - April 4

Orlando, FL

Undergraduate Scholarships for National Meeting & Expo

The Orlando Section of the American Chemical Society
is pleased to announce awards for undergraduate registration scholarships
for the 257th ACS National Meeting & Exposition
held in Orlando, March 31 – April 4, 2019

The Orlando Section is offering 20 scholarships for undergraduate students to present research at the National Meeting – funds to cover registration costs.

1. We ask that students who have funding through their advisor or other sources not apply.
2. Scholarships will be awarded on a first-come, first-served basis with the following additional criteria:
 - a. Student requirements: 1) the student must have an accepted abstract to the National Meeting; 2) the student must be a member of the ACS in good standing; 3) the student must attend a member school in the Orlando Section.
 - b. Other requirements: 1) A maximum of two students from one research advisor will be funded; 2) a maximum of 5 students from one school will be funded. If fewer than 20 applications are received, these maximum numbers will be revisited, but still strive to distribute the scholarships fairly among applicants.
 - c. The awards will be distributed on a rolling basis until all scholarships are distributed according to the criteria above.

To apply, please submit the following to lsessions@valenciacollege.edu:

- a statement of need from the research advisor (stating no other funding is available);
- the accepted abstract along with the acceptance email;
- names and emails of student and advisor.



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/>