



USF Chemistry NEWS

News of Interest to
Friends of the Department of Chemistry
University of South Florida
A Preeminent University

Volume 16, No 4
Autumn, 2018
Draft

WOW

A **WOW** (Week of Welcome) event was held by the Department of Chemistry Advising Cadre.

The event brought together students and mingling faculty for bottled water, and an abundance of “munchies” plus useful information in the Chemistry’ building breezeway on August 22th.

**CHEM-TALKS:
MEET WITH
YOUR
CHEMISTRY
ADVISORS**

Wednesday August 22nd
10:00am - 2:00pm in the
Chemistry (CHE)
Breezeway

LEARN ABOUT
UNDERGRADUATE
RESEARCH
OPPORTUNITIES
AVAILABLE IN
CHEMISTRY!

Stop by to meet your
Advisors and get quick
academic advice on the
spot! Bring all of your
questions

Enjoy some Snacks while you chat!

Copy provided by Dr. Christina Nelson

WOW events are held during the first week of classes as a successful way of welcoming students and providing useful information.

Advisors who were present are pictured below:



Lauren Harris, Adelia Douglas, Ashley Sowell,
Bratisha Governor, Durand Capers

The Cadre leader this time around was
Ms. **Autumn Mueller**.

Free Department of Chemistry, T

New Grad Student Reception

Ms. **Kaitlyn Kroner** organized and coordinated a reception for the 26 new graduate students on August 31 with faculty 11:00-12:00 followed by all available graduate students and faculty. It was held in the main room of the Alumni Center.



This was a second year the reception has been held.



Students and faculty listening to Dr. Scott Lewis



Students and faculty eating after having visited the buffet

Faculty Activities

Awards

Professor and Chair Dr. **Wayne Guida** announced that Dr. **H. Lee Woodcock** was awarded a RO1 Grant, "Design and Application of Robust and Efficient QM/MM Free Energy Simulation Methods for Biomolecular systems" from NIH.



Dr. Woodcock

The grant Project Period is 09/01/2018-07/31/2022 and Involves \$924,869 in direct costs to Dr. Woodcock's laboratory

Family night

Dr. **David Rogers** (assistant professor of Chemistry) organized the Department's 4th Family Science Night on Friday, August 24th at Morgan Fitzgerald Middle School (6410 118th Avenue North, Largo, FL).

Those participating included Dr. **David Rogers**, Dr. **Arjan van der Vaart** (assistant chair) as well as graduate students Ms. **Briana Aguila**, Mr. **George Ambaye**, Mr. **Sean Bradley**, Mr. **Guy Dayhoff**, Mr. **Shahedul Islam**, and Mr. **Brian O'Flynn**.



"Students preparing to test conservation of angular momentum using coins trapped in balloons (foreground) while a second group of students cross-links polyvinyl acetate to synthesize slime (background)."

Following the example of Sandia National Labs' successful elementary and middle-school community outreach program, these events operate as a science fair in reverse.

Children and their families carried out short, table-top experiments set up by our volunteers. Experiments explore surface tension, paper chromatography separations, centripetal force, heat engines, and other applications of fundamental physical principles.

Science Night venues in nearby Pinellas County are facilitated through R'Club Child Care, Inc. and provide an excellent opportunity to support those schools by inspiring young minds.

Seminar Series

Weekly seminars 9:30 Thursdays in CHE 100 (Dr. **Theodore Askonas Ashford** auditorium) continue to be a part of weekly department life. This year, Dr. **Theresa Evans-Nguyen** (assistant professor) is serving as the seminar coordinator. A full schedule may be found at the Department Web page.

Refreshments prior to seminar has been a long-time tradition that was revived this term by the Department of Chemistry Council of Graduate Students (Chemistry CoGS) under the leadership of Mr. **Brian O'Flynn**.

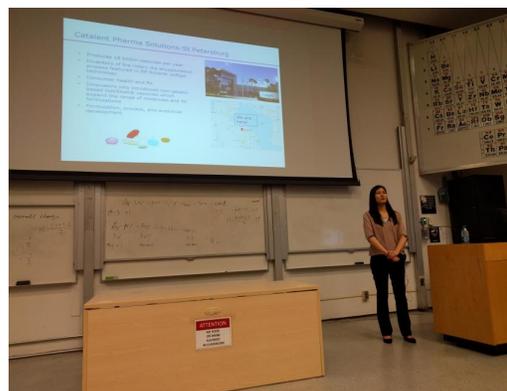


A recent picture (above) shows the first time this term with coffee and tea. A request for a grant from Student Government may lead to food.

Availability of refreshments allows for audience mingling prior to seminar and is an important tradition.

Persons You May Know

Wai Schuen Ma (Ph.D. 2005) spoke at a Chemistry Seminar on September 13. "Oral Lipid-based Drug Delivery System and Pharmaceutical Development."



She is a formulation scientist with Catalent Pharma Solutions, Tampa/St. Petersburg. Dr. **Bill Baker** was her doctoral advisor.

Dr. **W. Karl Olander** (M.S. ‘??)

Bullet Points about USF

#1. Best College for Veterans (Military Times, 2017)

#1. Overall Student Success Among 1,100 public research and doctoral universities (Eduventures, 2016)

#5. Among American Public Universities Generating New US Patents; 11th Worldwide (National Academy of Inventors, 2017)

More about USF (2017-2018)

- \$85,939,758 was raised in private support from the USF System from 40,495 alumni, parents, and friends.
- USF welcomed over 50,000 students in the fall 2017 semester. 14,343 degrees were conferred.
- The USF Yuengling (then the Sun Dome) Center became the largest hurricane evacuation site in the country for those with special needs. **Over 800** evacuees were housed during Hurricane Irma.
- Three 2017-18 conference championships (Men’s Golf, Softball, Women’s Soccer).
- USF received Preeminent Status (6/28/18)
-

USF News

President Judy Genshaft at her fall address described the accomplishments of the past year including achieving preeminence.



In addition, she introduced a new System academic logo that will be used for all Campuses to demonstrate the solidarity of the University of South Florida.



The new logo was scheduled to start being used during October 14th during Homecoming week.

There is a State mandate to combine the Tampa, St Petersburg, and Sarasota-Manatee campuses. This made it necessary to establish one concise brand to establish an identity.

Resignation

On September 10, USF System president **Judy Genshaft** announced her decision to Step down from her position effective July 1, 2019.

This announcement was made following “another record-breaking year and unparalleled stretch of recent achievements.”

Dr. Genshaft noted, “The University of South Florida in on a trajectory unlike ever before in its history. We are reaching milestones once reserved for universities twice our age. We continue to make ground breaking strides in research, student success, teaching and community impact.”

She added, “It has been the honor of my professional career to be part of this journey since the year 2000.

It is anticipated that a replacement will be announced in April 2019

USF Innovation Enterprise

Paul Sanberg, M.D., Ph.D., (Senior VP for Research, Innovation, and Knowledge Enterprise), shared information concerning a survey conducted by Washington Economics Group that dealt with the impact of USF’s Innovation Enterprise.



Dr. Sanberg

- \$400+million statewide impact annually

Acknowledgments

Mss. **Adelia Douglas**, M.Ed./Ed.S., who provided the WOW picture and names of those present.

The Oracle September 6, 2018 (Vol 56, No 4) for information on “A new look for USF.”

Dr. **Bill Baker** for arranging a picture of **Dr. Ma** and coordinating her schedule

Abbreviations

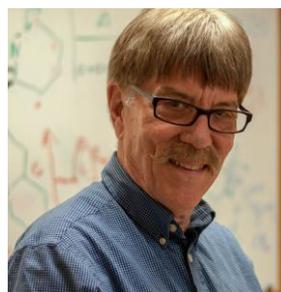
NSF: National Science Foundation

NIH: National Institutes of Health

PI: Principal Investigator

News and feedback

Chair’s Address:



Dr. Wayne C. Guida
Professor and Chair
Department of Chemistry-CHE 205
University of South Florida
4202 East Fowler Avenue
Tampa, FL 33620-5205

Webmasters: Mr. Brant Tudor and Mr. Doug Franz



Mr. Tudor



Mr. Franz

Both are members of Dr. **Brian Space's** research group working in the area of computational chemistry.

News:

For past issues you may have missed, please see the departmental Web page.

News for us or comments?

Please write to: dfmartin@usf.edu
or share with the Webpage or with the Facebook.

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