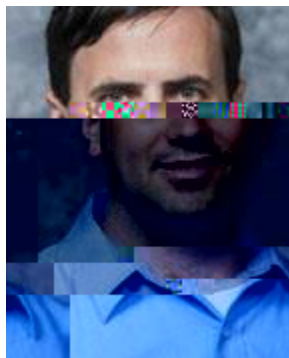




Recognition

Editorial recognition

Faculty member Dr. **Scott Lewis** was recently chosen as an Associate Editor for the journal *Chemistry Education Research and Practice*. CERP is a Royal Society of Chemistry journal that is dedicated to presenting chemistry education research and bridging the gap between research and practice.

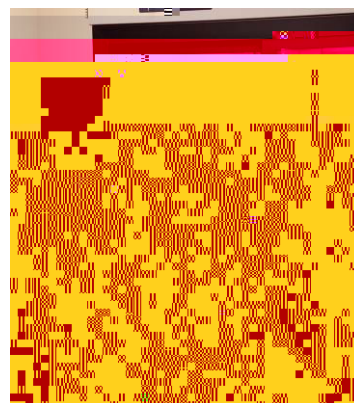


Dr. Lewis

Faculty Break through

Dr. **Ioannis Gelis**, assistant professor of Chemistry, reported a ground-breaking study on the Hsp90 chaperone. *Nature Communications*, 2018, 9 (1), 265.

His *Nature Communications* paper entitled "Phosphorylation induced cochaperone unfolding promotes kinase recruitment and client class-specific Hsp90 phosphorylation" was published in January.



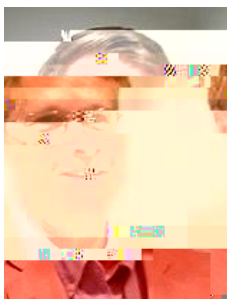
Dr. Gelis and Ms. Bachman

Chaperones are proteins that assist other proteins (their substrates) to acquire their native three-dimensional conformation which is essential for their function. Hsp90 arcn .887TJ 13.79 ch

Faculty awards

BRAG

Dr. **Wesley Brooks**, a research assistant professor of Chemistry and collaborator with Dr. **Wayne Guida**, professor and chair of Chemistry announced an award of \$25,000 to CuPRx,LLC.



Dr. Brooks

This is a USF- affiliated firm that was founded to commercialize inventions developed in the Guida Laboratory. Dr. Brooks is CEO of CuPRx.

The award of \$25,000, a USF Bull Ring Accelerator Grant (BRAG), was made to continue development of Virtual Target Screening software being developed by Dr Brooks of CuPRx and Mr. **Rainer Metcalf** and Mr. **Alan Caragal** chemistry students in the Guida Lab.

The software (VTS) is a computational approach to drug repurposing that assists in the identification of potential adverse effects

Chair, Dr. Wayne Guida, wrote “This is an amazingly interesting project with significant potential to treat human disease.”

IH R01 grant. The particulars as follows:

Faculty Grant -IV

Dr. **Mildred Acevedo-Duncan** received a grant in the amount of \$560,000 from the Leo

program that serves over 2,500 students per year.



Dr. Weldegirma

He will serve at Bahir Dar University, Bahir Dar, Ethiopia.

Research Recognition

Dr. **Wayne Guida** noted: A PNAS paper titled “Newly Engineered Enzyme Could be the Key to Reducing Petroleum’s Prominence in Creating New Plastics” emanating from Professor Woodcock’s group with graduate students Fiona Kearns and Ben Pollard is receiving national and international attention.

Check out the following USF press release: <http://news.usf.edu/article/templates/?a=8374&z=220>.

The work also involved scientists at the U.S. Department of Energy’s National Renewable Energy Laboratory (NREL) and the University of Portsmouth.

Out ann

Faculty Advisors Dr. **Xiaodong (Mike) Shi**.
Assisted by Dr. Kimberly Fields, and Dr. **Marie Bougerois**.

Staff members who assisted included Ms. **Leigh Anne Blackwell**, Mr. **Ryan Jahn**, and Mr. **Matthew Casto**.

Web support was provided by Mr. **Brant Tudor** and Mr. **Douglas Franz**

Judging: Credit the 26 judges from eleven sources.

Talks: “15 graduate student talks covered almost all of the basic areas of current ongoing research at USF Chemistry.”

Posters: “38 graduate student posters and 48 undergraduate posters covered all areas of our ongoing research.” A third room needed to be opened.

Activities:

This activity was organized by the *USF Chemistry Society* and involved seven rounds of questions asked of the 15 undergraduate participants.



ChemBowl gathering of undergraduate attendees. Anna

Dr. da Silva

In 2013, he joined (2013) the Department of Biochemistry and Molecular at the University of Texas McGovern Medical School as a faculty member.

In 2016, he joined the private sector as a Medical Science Liaison, Vanda Pharmaceuticals.

Alexiou Award in Environmental Chemistry

Recipient **Briana Aguila**



Ms. Aguila

The Martin Travel Endowment Award



Recipients: **Nicole Avalon, Christopher Cain, Aaron Clark, Yassin Elbatrawi, Stephanie Feola, Rebecca Gibbons, S M Anisul Islam, Wishrawana Sarathi Ratnayake, and Bo Song**

Out and About –II

Staff & Administration Appreciation luncheon



Dr. Nelson, Ms. Kroner, Ms. Blackwell, Ms. Budnack, Mr. Jahn, Dr. Martin, Mr. Avergonzado, Mr. Casto

The spring luncheon was held April 25 for seven Office Staff members at USF's *Top of the Palm's* restaurant to celebrate Administrative Professionals Day.

Year-End Celebration



The meeting was coordinated by Ms. **Kaitlyn Kroner** with assistance from staff members and others. Faculty, Staff, and students attended, and they enjoyed discussions and refreshments.

Persons you may know

Dr.

About USF

Judy Genshaft, Ph.D., President USF System

Chair's Address:



Dr. Guida

Dr. Wayne Guida
Professor and Chair
Department of Chemistry
University of South Florida
4202 E. Fowler Ave, CHE 205
Tampa, FL 33620

Deputy Chair: Mr. Brant Tudor

Mr. Tudor

News

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

Web page

<http://chemistry.usf.edu>

News for us or comments

Please write to: dfmartin@usf.edu