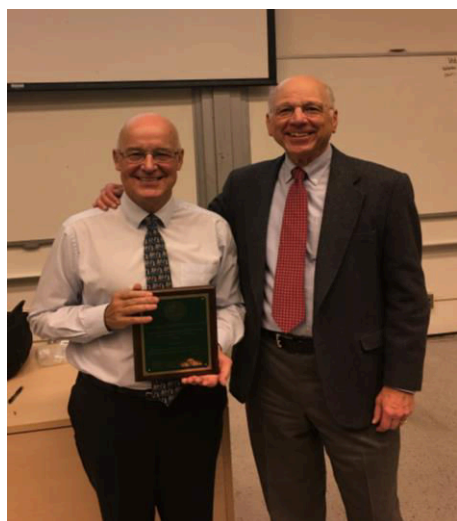


Schneller Legacy Lecturer

The lecturers are supported by a supplement to the seminar program provided by an endowment created by Dr. **Stewart Schneller** and his wife Ms. **Aina Schneller**.

Dr. Schneller has been a professor of chemistry and biochemistry at Auburn University (1994- present). He was a USF chemistry faculty member (1971-94) and department and chair (1986-94) before accepting the position of Dean, College of Sciences Mathematics at Auburn (1994-2010).

The fall 2016 Schneller Legacy lecturer (October 27th) was Dr. **Andy Hamilton**, the 16th president of New York University.



Dr. Hamilton and Dr. Schneller

Prior to assuming the presidency he had been professor of chemistry and vice-chancellor of Oxford University.

His lucid and articulate seminar entitled “Synthetic Mimics of Protein Structure and Function.” was presented to an appreciative audience in CHE 100.

More about Chemistry...

Dr. **Wayne Guida** has had the personal and professional pleasure of announcing good news concerning funding:

Funding -I

Dr. **Xiaodong (Mike) Shi**, associate professor of chemistry, received a NIH R01 grant: “Achieving challenging coupling with gold Redox catalysis”. The award is for five years and is valued at over \$1.5 million in direct costs.



Dr. Shi

This is his second year at USF.

Funding -II

Dr. **Mildred Acevedo-Duncan** (associate professor) has received \$300K in funding

from the Leo and Anne Albert Charitable Trust over the next two years to fund her work in our Department on the development of atypical PKC inhibitors for cancer therapy.



Dr. Acevedo-Duncan

Funding -III

Dr. **Edwin Rivera**, research assistant professor, has received a three year, \$151,097 award from the National Academy of Sciences (USAID) US-Egypt Joint Fund.



Dr. Rivera

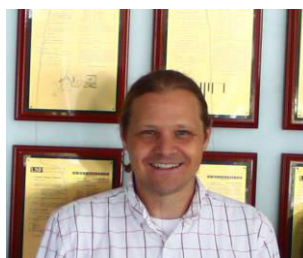
The title of the project is: “Porous-Organic Polymers for CO₂ Capture Applications: Structure-Property Relationships Through Nuclear Magnetic Resonance”.

Dr. Rivera is the American PI and Dr. **Mohamed Alkordi** (Ph..D. '10) is the Egyptian PI in Zewail City of Science and Technology in Cairo.

Dr. **Mohammed Eddaudi** was his doctoral advisor.

Awards/Recognition -I

Dr. **Lee Woodcock** (associate professor) was selected by USF Research & Innovation to receive the *Excellence in Innovation Award* for his development of *CHARMMing* (*CHARMM interface and graphics*). *CHARMMing* is used by researchers around the world as a graphical user interface to *CHARMM* (*Chemistry at Harvard Molecular Mechanics*). *CHARMM* is a molecular

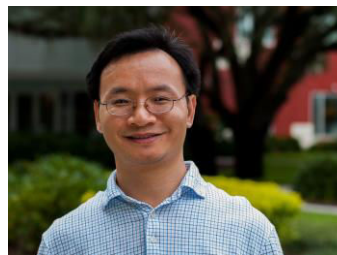


Dr. Woodcock

simulation program initially based on Newtonian mechanics-based potential energy functions with broad application to chemistry and biology.

Awards/Recognition -II

Dr. **Shengqian Ma**, associate professor, has been selected again this year as a *Web of Science Highly Cited Researcher*.



Dr. Ma

This means that not only are his publications read, but they are referred to (“cited”) by other scientists who are publishing in refereed journals. It is a treasured measure

of respect and usefulness of professional efforts.

Chemistry graduates- Summer

The graduates (and their advisors in parentheses) are listed below:

Doctoral graduates

Dr. Ali Hussain (Dr. Kirpal Bisht)

Dr. Yaqiong Li (Dr. Jianfeng Cai)

Dr. Sryea Mukherjee (Dr. Wayne Guida)



Dr. Li



Dr. Mukherjee

Dr. Marcello Giulianotti (Dr. James Leahy)



Dr. Giulianotti

Masters students

Daniel Utic (Dr. Turos)

Benjamin Van Norman (Dr. Raker)



Mr. Utic



Mr. Van Norman

In the Department -II **New Graduate Students**

A record setting 31 new graduate students

were admitted to the program for the fall term.

About one-third were Asian-educated as undergraduates. Another group of about 40% were graduates of Florida schools, e.g., USF, Florida Gulf Coast U. , U. of Tampa., UNF. About 25% represent a range of institutions across our nation, e.g., UC-Merced, BYU, Texas A&M, U. of Oklahoma, Xavier U. (New Orleans), Southeast Missouri State, St. Vincent College, The Johns Hopkins U., and Holy Cross. Several undergraduate programs are represented for the first time since our graduate program was started in 1965.

All the students admitted in 2016 (spring and fall) are pictured on page 5.

Staff Changes

Dr. Guida announced several changes:

Ms. **Kimberly Read** left at the end of July to assume the position of Assistant Director in the Department of Child and Family Services (College of Behavior and Community Science). He noted that she will be sorely missed “having been the bedrock of our departmental staff” for ten years.

Mr. Ryan Jahn

Formerly Unit Research Administrator (URA), Mr. Jahn became Manager, Fiscal and Business Administration for our department.



Mr. Jahn

Mr. Jahn's position as Unit Research Administrator was taken by Ms. **Erin Ives**, formerly URA in Geological Science.

Ms. Erin Ives

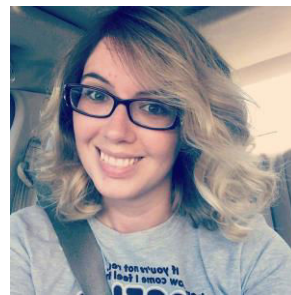


Ms. Ives

She came to USF by way of the nonprofit world where she did fundraising for Big Brothers Big Sisters. She also served AmeriCorps VISTA for a consortium of Native tribes in California's central valley. While there she wrote applications for federal grants for community-development type projects.

Ms. Kaitlyn Kroner

Ms. Kroner is our new Academic Program Specialist. Kaitlyn came to us after teaching High School English, where she not only taught the correct uses of 'their, there, and they're' but also the importance of continuing on academically.



Ms. Kroner

She has a B.A. in English, and is finishing up her M.A. in English and Creative Writing with a concentration in Fiction. She plans on starting her Ph.D. in Higher Education, shortly after she finishes her M.A.

WOW Event

The event (**Week of Welcome**) brought together students and mingling faculty for water, and an abundance of goodies, plus useful information in the Chemistry Building Breezeway.



Sami Abdulkadir



Abdulaziz Alanazi



Nicole Avalon



Nicole Azbill



Elena Bray



Yachen Cao



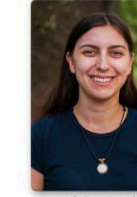
Meng Chen



Aaron Clark



Jaret Crews



Linda Rose Danial



Stephanie Feola



Nicole Giddings



Mussie Gide



Wilarachhige (Bhagya) Gunatilleke



Selam Hagos



Christopher Johnson



Chetan Joshi



Khandker Khalid



Yiming Li



Jessica Martin



Jacob Mayers



William Motsch



Regan Nispel



Timothy Odom



George Pappas



Kyle Pedretty



Amanda Pierce



Benjamin Pollard



Md Tawabur Rahman



Swetha Ramani



Benjamin Rathman



Tracess Smalley



Bo Song



Shanelle Suepaul



Khallia Tillet



Katrinah Tirado



Long Tran



Harsh Vardhan



Laxmi Sinduri Vuppala



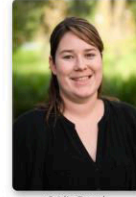
Lei Wang



Chiyu Wei



Teng Yuan



Caitlin Zumalt



Announcement by Dr. Christina Nelson



Advisors : Ms Kelly Pearson, Mr.Xavier Remos, Mr. Shaun Richardson, Ms. Ashley Dees, and a happy student

WOW events are held the first week of classes the fall and spring term. They are a successful way of welcoming and providing helpful information.

Very special news

Dr. **Kimberly Read** (please see note, page 3) successfully defended her dissertation “Continuing the Career: An Oral History of an Emeritus Professor” on November 2nd.

The defense was for the Ph.D. in Curriculum and Instruction with an emphasis in Higher Education Administration.

A study was made of a current emeritus faculty member in the context of nation-

wide universities and with a focus on USF and a long-time faculty member, **Dean F. Martin** (distinguished university professor emeritus), who joined USF in 1964 and was granted emeritus status in 2006.



Dr. Read pointing to the plate with her name, degree, and year it will be awarded

The 190+-page dissertation is an oral history based on interviews and research over a five-year period.

Greetings from Barcelona

The ECRICE meeting the second week in Barcelona turned out to be a USF reunion for Dr. **Santiago Urena** (professor of chemistry, University of Costa Rica), Dr. **Laura Anderson** (USF instructor in chemistry), and Dr. **Vicky Lykourinou** (former USF instructor, now an instructor at Northeastern University).



Drs. Anderson, Sandi-Urena, and Lykourinou

They hold a message (in Catalan) sending greetings to the Newsletter editor.

Persons you may know.

Michelle Cortes (Ph.D. '11) is a post-doctoral fellow in Dr. Victor Pike's Section on PET Radiopharmaceutical Sciences of NIMH

She was recently elected president, NIMH of the Board of NIMH chapter of SACNAS.

Her doctoral advisor was Dr. **Jon Antilla**.

Jacquelin Salm Fries (Ph.D.'16) is a postdoctoral researcher at Simon Fraser University. Her work with Dr. **Bill J. Baker** was described in the summer issue of *News*.

On October 3, Dr. Fries received a 2016 Outstanding Thesis and Dissertation Award at the Marshall Center.

“The selection process was extremely competitive and the selection committee was very impressed with not only the theme of Dr. Fries' research, but also the extent of her professional development.”

Maria Gallardo-Williams (Ph.D. '99) (senior lecturer and coordinator of organic laboratories at North Carolina State) and Dr



Dr. Gallardo-Williams (l) and Dr. Perez

Eileen Perez Obregon (Ph.D.'99), who is professor of chemistry, Valencia College, met for the first time since graduation when they were both attending the Biennial Chemical Education Conference and shared this picture with their doctoral advisor.

Marc Giulianotti (Ph.D.'16) is Director of Chemistry Operations at the Torrey Pines Institute for Molecular Studies in Port St. Lucie, Florida

Ali Husain (Ph.D. '16) returned to Kuwait and is a faculty member at the University of Kuwait.



Dr. Husain

Christophe Lazard (M.S. '15) is a chemist/regulatory specialist at ChemTel, Inc., a firm specializing in “providing clients with emergency response for hazardous waste spills, authoring safety data sheets...and re-formulating products to be inherently safer.”

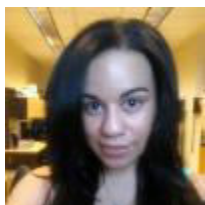
He is also owner and chief chemist at Clear Waters Testing, LLC, Tampa.

Yaqiong (Rosemary) Li (Ph.D. '16) is teaching at Contra Costa College in San Pablo, just north of Berkeley, CA.

Yi Liang (Ph.D., 2016) an advisee of Dr. **Mark McLaughlin**, is a postdoctoral fellow at UNC-Chapel Hill.

Susana Lopez (Ph.D. '16), a doctoral advisee of Dr. **Jon Antilla** is now a post-

doctoral research fellow in the laboratory of Dr. **Karl Scheidt** at Northwestern University.



Dr. Lopez

Demetrios Pentages (M.S. '16), a former advisee of Dr. **Jon Antilla** is a chemist with an environmental firm.



Mr. Pentages

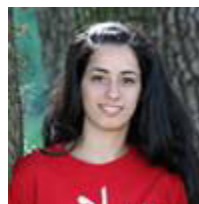
Dr. **Meagan Small** (M.S. '10) is a postdoctoral researcher at a U.S. Army Research office and lives in Baltimore, MD.

Narayanan Venkatraj ("Raj") (M.S. '93; Ph.D. '97), has been at the Research Center, Hindustan Lever, Ltd, Bangalore, India. He wrote early in September, "We are doing fine [My wife Manjula and son Prathyoosh and Father Narayana Rao]." As always, it was a pleasure to hear from him.

Adrian Villata-Cerdas (Ph.D. '14) joined The faculty of Sam Houston State University in August as an assistant professor of chemistry.

Carissa Vetromile (Ph.D. '11), became Assistant Dean, CAS Office and Scholarship in July.

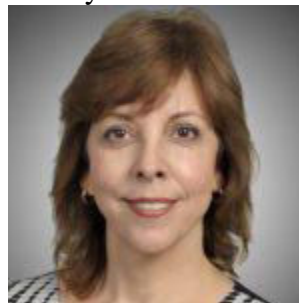
Jeanine Yacoub (M.S., 2016) having worked as a research associate in CDDI's



Ms. Yacoub

Chemodiversity Laboratory, accepted a position as a chemistry teacher at All Saints Academy (Winter Haven). Dr. **James Leahy** was her advisor.

Cherie Yestrebsky (Ph.D. '94) was named Chair of the UCF Department of Chemistry last summer after serving as interim chair for about two years.



Dr. Yestrebsky

Her research group has been strongly collaborative with groundwater cleanup projects at Cape Kennedy.

Obituary

John David Seals (August 23, 1959- September 27, 2016) worked at USF for 30 years as a chemistry laboratory manager. He earned a B.S. in chemistry at Michigan State, then earned a M.S. in chemistry at USF (1986) working with Dr. **Steve Grossman**. He was subsequently hired for the position of Laboratory Manager in the Chemistry Department, serving for 30 years.

John Seals was probably not well known since much of his work as Chemistry Lab Manager was done behind the scenes.



Mr. Seals

He would substitute for some TAs when they couldn't make it, and taught some Saturday morning laboratories.

He helped the Museum of Science and Industry with chemistry demonstrations, and students in the College of Engineering responsible for pyrotechnic displays for the annual Engineering Expo. On occasion he helped with a summer program sponsored for Suncoast Area Teaching Training in a one-week session for high school teachers to hone their skills.

He adjusted to the new system of purchasing and record keeping of USF called FAST rapidly in contrast with many of us, and served as a tutor for others.

He had additional service functions; the Faculty/Staff campaign, National Public Radio, and the Tampa Children's Theater in various backstage activities.

He will be missed.

Campus News...

APLU Award

USF System President **Judy Genshaft** was Awarded the APLU (Association of Public and Land-grant Universities) 2016 Malone International Leadership Award (July 18th).

She was recognized for overseeing USF's growth as a globally engaged university as well as its active involvement in a broad range of national and international organizations and initiatives.

Two examples are especially impressive: Each acceptance letter President Genshaft sends an incoming freshman also includes a passport application. Also, she and her husband Mr. **Steve Greenbaum** created a \$1 million endowment that provides student-study-abroad scholarships for students to be involved in international study and service-learning experiences.



President Genshaft

Patents

An announcement by the office of Research, Innovation, and Economic Development reported: USF ranked ninth nationally among public universities for patents awarded with 90 patents for 2015.

They represented a diverse range of technologies: "pharmaceutical drug delivery, solar energy, medical devices, nano-technology, and specialized technology," according to Dr. **Paul R. Sanberg**, Senior Vice President.



Dr. Sanberg

“The research that is being done by USF faculty, students, and staff leads to innovations that help solve society’s most pressing problems”, said USF System President **Judy Genshaft**. “In this way USF is making a meaningful, tangible impact on the Tampa Bay community, the state of Florida, and the world.”

About USF –I

“The University of South Florida is a high impact, global research university dedicated to student success. USF is a top 15 research university among public institutions in total research expenditures, according to the National Science Foundation. Serving over 48,000 students, the USF System has an annual budget of \$1.6 billion and an annual impact of \$4.4 billion. USF is a member of the American Athletic Conference.”

About USF –II

USF was recently classified as “*Emerging Research University*” by the Florida Board of Governors on June 12th.

The title came after exceeding six of the twelve benchmarks and is only three benchmarks from full pre-eminence.

Two deal with retention: 90 % or better freshman retention rate, a 70% graduate or better six-year graduation rate. And USF is

only 2% away from satisfying these benchmarks.

The third is an endowment of at least \$500 million. And USF is over \$80 million shy of the goal, but a successful “Unstoppable Campaign” will help reach that benchmark goal.

Pre-eminent status will enhance state support and state funding should go up to \$20 million as of 2016.

Halloween

For the first time in the 52- year memory of the editor, staff members across the campus celebrated Halloween in costumes.

Chemistry Staff had truly creative costuming or postures. Ms. Blackwell was not smiling, a rare occurrence. Ms. Kroner portrayed a broken doll complete with a wind-up key in back that can barely be seen in this picture.



Ms. Leigh Ann Blackwell, Ms. Ives Dr. Christina Nelson, Ms. Kroner, Mr. Jahn

Mr. Jahn had a proper leadership costume.

It is to be hoped that this staff costumes on Halloween will become an annual tradition.

Abbreviations

NIMH National Institute of Mental Health

SACNAS (1973-) Society for Advancement of Chicanos/Hispanics and Native Americans in Science.

ECRICE (European Conference on Research in Chemistry Education.

Acknowledgments

WOW event announcement courtesy of Dr. **Christina Nelson**.

News items from the USF News Bureau.

Helpful input from our fine alumni.

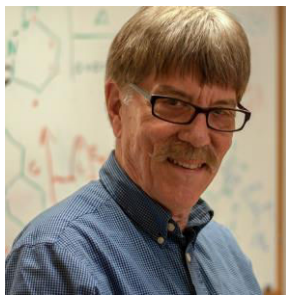
Information concerning Mr. Seals came from a long-time colleague and friend, Mr. **Paul Bryant**, and was taken from the eulogy he gave at the funeral.

Our outstanding Webmaster for his expertise and patience.

News and feedback

Web page:
<http://chemistry.usf.edu>

Chair's Address:



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

Webmaster: 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
or share with your favorite faculty or staff member.