

Good news for Chemistry

New hires

A recent announcement in the *Chronicle of Higher Education* inviting applications for

- A Research Assistant Professor, Core Facility Manager/Tech X-Ray crystallography
- Research Assistant Professor, Research Lab/Equipment Technician
- Assistant Professor, Materials/Bio-Materials

Honorary Degree Awardees

Several chemists have been or will be recipients of honorary degrees from USF.

The procedure is thorough, time-consuming, and involves extensive documentation with current CV, supporting letters from internationally recognized scientists, thorough justification and documentation of an association with USF. The sequence involves nomination by the Chair, approval by our College Dean, approval by the Provost, followed by consideration by the Faculty Senate Honors and Awards Committee, and, if each step is favorable, approval by the Faculty Senate, followed by consideration by President Genshaft.

If all decisions are positive, additional consideration goes in to planning for the awarding of the degree at a suitable commencement, as well as arrangements for hosting the recipient.

Chemistry may be unique for the number of successful nominees. Past recipients have been Nobelist **Gertude Elion** (dec) in 1993, **Joanna Fowler** (B.A. '64) in 2010, and **Joseph Francisco** in 2012 (please see below). A fourth is scheduled to receive the D.Sc. (*hon. causa*) at a May commencement.

Francisco Recognition

Dr. Joseph S. Francisco received a D.Sc. (*hon. causa*) at the 98th Commencement Convocation on December 15, 2012. He is the William E. Moore Distinguished Professor of Earth Sciences and Chemistry at Purdue University. He also serves as the Associate Dean of Research and Graduate Education. Over the course of his distinguished career, he has contributed 400 research papers and nine review articles in the premier peer-reviewed scientific journals of the world.”

December Graduates

The 98th commencement convocation awarded 816 masters and 148 doctoral and specialists degrees. A number were from chemistry; the graduates and their advisors (in parentheses) are listed below

Masters graduates

Dulmini Jayawardana and **Adrian Villalta-Cerdas** (both: *Dr. Sandi-Urena*).



Ms. Jayawardana



Mr. Villalta-Cerdas



Dr. Santiago

Doctorates

The graduates and their advisors (in parentheses) are **Jeremy Beau** (Dr. Baker), **Biplob Bhattacharya** (Dr. Turos), **Gajendrasingh Ingle** (Dr. Antilla), **Sameer S. Kulkarni** (Dr. Manetsch), **Shawn Larson** (Dr. Antilla), **Katya Nacheva** (Dr. Roman Manetsch), **Divya Ramamoorthy**, (Dr. Guida), **Daniel N. Santiago** (Dr. Guida).

Significant publication

Dr. Randy Larsen wrote that he was very excited to announce that the research groups of Drs. **Mike Zaworotko**, **Brian Space**, **Shengqian Ma**, and **Mohamed Eddaoudi** have a manuscript that has now been accepted for publication in *Nature* (a high impact journal). The manuscript describes a new structural paradigm in porous materials that may have an unprecedented impact on carbon dioxide sequestration/remediation.

He added, “This work also represents an international collaboration between USF and the King Abdullah University of Science and Technology in Saudi Arabia (KAUST) that is focused on the development of novel functional porous materials for energy and sustainability.”



Dr. Bhattacharya



Dr. Kulkarni



Dr. Nacheva



Dr. Ramamoorthy

New Colleagues

Two advisors joined the Chemistry advisor cadre in January, and Ms. Kelly Pearson, Lead Chemistry advisor provided background information.

Ms. Ashley Baltuch completed her Master of Science in Higher Education with a specialization in Student Affairs at Florida

State University. She relocated from New York, New York where she worked as a Career Development Counselor at LIM College.



Ms. Baltuch

Mr. Anthony Iannelli is currently in his last semester of graduate coursework in the Master of Education in Curriculum and



Mr. Iannelli

Instruction with a concentration in College Student Affairs here at USF. He has worked across campus in areas including Student Government and New Student Connections.

Inside the Department

Our Department has immense responsibilities of teaching, research and service, of course, but some time is set aside for personal relationships.

Staff Appreciation Luncheon

A semi-annual appreciation luncheon, sponsored by a faculty couple, was held December 4th. Guests were given menus to Chopstix, a nearby Chinese restaurant, and the meals of their choice were delivered to the Chemistry meeting room.

Appreciation is extended to **Ms. Linda Lowe**, who coordinated the event, and to **Mr. Roberto Avergonzado** who arranged for delivery of the food.



Mr. Avergonzado



Ms. Lowe

Annual Holiday Party

The annual gathering was held in NES on Tuesday December 18th and was attended by faculty, staff, and students. Participants were asked to bring their favorite desserts.



Picture courtesy of Ms. Adrienne McCain

We are grateful to Staff members who made the enjoyable event possible **Ms. Kimberly Read** coordinated. **Ms. Linda Lowe** handled the food orders. She, **Ms. Victoria Mothershed**, and **Mr. Roberto Avergonzado** also help set up.

TRAIN® Award to Ms. Mothershed



Pictured are (left to right) Ms. Victoria Mothershed and senior administrators: Dr Dwayne Smith, Dr. Paul Sanberg, Ms. Pearl Bigfeather.

Ms. Victoria Mothershed, Unit Research Administrator in the Department of Chemistry, assists faculty in their efforts to prepare competitive research grants applications, monitors budgets, provides alerts to important research deadlines and meets other research administration needs throughout the grant cycle. Victoria was recognized with a well-earned TRAIN® award in December 2012.

The TRAIN® award is a significant recognition award for USF research administrative staff. Nominations are solicited annually in the university community of research support, and winners are selected as a result of competitive review by TRAIN® professionals.

This important program is supported by our partners in the private sector, such as Draper and Smith Hopen, the USF Office of the

Provost and Executive Vice President, and the USF Office of Research & Innovation.

The Award citation said in part: “Victoria attends TRAIN® meetings, contributing to the improvement of business processes, reporting, and communication. She attends TRAIN® sponsored events and continuing education opportunities facilitated by TRAIN®.”

“Victoria is an example of a USF research administrator who is truly committed to advancing her competencies in the field. She is an active member of the Society of Research Administrators International (SRA) and helped organize a group of USF staff studying for the Certified Research Administrator Examination.”

Our sincerest congratulations on this latest recognition.

Spring Semester WOW

Chemistry’s fine Advising Cadre scheduled a semi-annual Week of Welcome event to assist students.



The announcement brochure was prepared by **Ms. Christina Nelson**, Academic Services Administrator.



Students being helped at the WOW event by **Ms. Kristi Kirby** (4th from left) and **Ms. Nina Oliver** (6th from left).

More great news

USF Provost and Executive Vice President, **Dr. Ralph C. Wilcox**, recently provided a copy of *Transforming Higher Education for Global Innovation, Measuring our Success 2007 to 2012*.



Dr. Mike Zaworotko is pictured in a write-up on page 21 with members of the interdisciplinary Smart Metal-organic Materials Advance Research and Technology Transfer (SMMARTT) group.

Persons you may know

Rhoneil Banea [B.S. (CHS) '98] is employed at R. P. Sheerer, Clearwater.

Wen-Shan Chang (M.S. '10) celebrated Chinese New Year by visiting the U.S. and us.

Dr. Jack Fernandez (Charter faculty) and **Mrs. Sylvia Fernandez** were among four retired faculty couples on a 14- day cruise around the Caribbean on the *Ms. Ryndam* starting January 6th.

Dr. Gloria Frederick is a retired faculty member living in Bermuda. She was a collaborator with **Drs. Braman** and **Martin** in 1991 while on leave.

Kenneth Hewes (M.S. '83) is a chemical engineer at Bell Helicopter in Arlington, TX.

Scott Lewis (Ph.D. '06) is a tenured associate professor at Kennesaw State University. **Dr. Jennifer Lewis** was his doctoral advisor.

David Lowell, Jr. [B.S. (CHS), 2000] has been employed at R. P. Sheerer for the past ten years.

Suzette Martiney, J. D. (B.A. '00) of Englander Fischer, attorneys, St. Petersburg, visited campus as guest of the College of Arts and Sciences on January 10th.

Steven Miller (B.S., CHS '84) has been employed at R.P. Sheerer for 27 years.

Mich Perez-Cruet, M.D. (M.S. '86) specializes in minimally invasive spine surgery, and he has written a monograph on the topic. He and his family live in Bloomfield, MI.

Dr. Douglas Raber (Faculty 1970-1991) brought us up to date with some of his activities now that he is formally retired. A second novel *Roof of the World*, co-written with his wife, **Linda Raber**, is almost ready for release.

Diliojan Senanayke (M.S.'96) wrote an interesting letter recently and shared the news that he has been engaged in farming in the upper Midwest.

Chuhua Wang (Ph.D. '97) and **Yixue Pan** (M.S. '92) sent Christmas greetings.

Faculty-Staff Fund Drive

An annual drive to encourage Faculty and Staff to donate to funds that support students and staff members was successful. Last year, some 2,800 persons participated and \$1.3 million was raised. For the third year in a row, over 90% of the faculty and staff members participated.

Supporters

The following is a list of those who made gifts to the Department of Chemistry, June 30-December 31, 2012, as obtained from the College of Arts and Sciences office of Development. We are grateful for the special support of the alumni, faculty, staff, friends, and corporate/foundation donors listed here.

Dr. Heather Ahlborn and Mr. Jeffrey Ahlborn
Mr. Mark Alldredge
Jon Antilla, Ph.D.
Mr. Roberto Avergonzado
Rafael W. Blanco, M.D. and
Ms. Maria Azorin-Blanco
Dr. William Brown, Jr. and Dr. Ellen Brown

Jianfeng Cai, Ph.D.
Mr. Kevin Castine
Ioannis Gelis, Ph.D.
Dr. William A. Glauser and
Ms. Julianna Glauser
Mr. Gerald A. Kolschowsky
Gerald A. & Karen A. Kolschowsky
Foundation, Inc.
Ms. Cheryl Graham
Dr. and Mrs. Wayne Guida
Mr. and Mrs. Joanne Hausinger
Drs. Allan and Caroline Honculada
Dr. Milton Johnston, Jr. and Mrs. Maureen Johnston
Dr. Mohanraja Kumar and Ms. Amudha Athiyappen
Randy Larsen, Ph.D.
Drs. James and Ellen Leahy
Jennifer Lewis, Ph.D.
Sheryl Li, Ph.D.
Ms. Linda Lowe
Dr. Abdul Malik and Ms. Afroza Begum
Dr. and Mrs. Dean Martin
Mr. Bruce F. Martin
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Mark McLaughlin, Ph.D.
Dr. and Mrs. David Merkler
Dr. and Mrs. Ralph Moon
Dr. Robert Potter and Mrs. Suzanne Moore
Mrs. Victoria Mothershed
Mr. Thomas Nelson, Jr. and Mrs. Christina Nelson
Mrs. Venice Osteen
Mr. Wally Pagan
Dr. Joseph Walter Perry
Ms. A. N. Sarala Rao
Mrs. Kimberly Read
Dr. Edwin Rivera
Santiago Sandi-Urena, Ph.D.
Ms. Samantha Santos-Dasilva
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Sapphire Foundation for Prostate Cancer, Inc.
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Vasiliki Likourinou Tibbs, Ph.D.
Ms. Kristin Tocci
Dr. Solomon Weldegirma and Ms. Sara
Tewolde
Mr. Damon Edel Walker and Ms. Kara
Walker
Ms. Louise Worrell
Peter Zhang, Ph.D.

*Should you see an error or an omission,
please call it to our attention.*

Out and about campus...

AFROTC Parade

The annual change-of-command parade of Detachment 158 AFROTC unit was held December 6th at the Soccer Field. Pictured is the pre-parade gathering that includes members of the unit, **Col. Richard Y. Newton, Jr.** USAF (Ret), the honoree (red tie), a chemistry faculty member (striped tie), and three recipients of the annual



Martin AFROTC Leadership Award. Members in the white shirts and black

trousers are first-year students who have not yet earned their uniforms. All were asked to show their “Bull Sign”.

Good Advice



Kyle E Garland

Col. Kyle Garland, USAF (ret), was the guest speaker at the Air Force ROTC Commissioning Ceremony of Detachment 158. Most recently he was detachment commander and the Professor of Aerospace Studies. The guidance given to the newly commissioned second lieutenants was based on 27 years of experience and may be condensed into four points of sound advice:

1. Be the best at what you are.
2. Do all that is expected of you.
3. Do more than what is expected.
4. Be a team player.

Campus changes --- past and future...

Library changes...

The USF Library plans to continue a program that started last semester that allows students to rent iPads and tablet computers for use in the Library. The Program was a popular one with several hundred checkouts weekly, according to The Library Circulation statistics.

Mr. Scott Ryan, Library Services Manager noted last semester, “ The library researched iPad circulation at other libraries before implementing their own so that ‘we weren’t taking a shot in the dark’”.

The success in the Fall Term led to an expansion for the Spring Term.

News and feedback

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Webmaster: Mr .Brant Tudor



Mr. Tudor

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.

Acknowledgments

We are grateful to **Ms. Victoria Mothershed** for a number of photographs. This is the 41st issue that has benefitted from **Mrs. Barbara Martin**’s proof-reading.