

# USF Chemistry NEWS

graduating with her Chemistry-Bioinorganic Ph.D. in 2006. For the past three years, she has served as a Visiting Instructor demonstrating strong teaching and leadership skills.

**Dr. Antonio Andriena** joins us this fall as an Assistant Professor. He received his Ph.D. in Chemistry with an emphasis in Chemical Education through Clemson University in 2008. He was most recently serving as a post-doctoral fellow with Dr. Melanie Cooper in the Department of Chemistry at Clemson.

**Dr. Arjan van den Hart** begins this fall as an Assistant professor in the Computational Chemistry group. He joins us from Arizona State University where he served as an Assistant Professor of Chemistry and Biochemistry. He graduated with his Ph.D. in Chemistry from Pennsylvania State University in 2001.

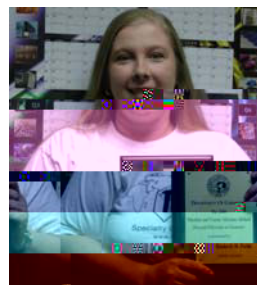
**Dr. H Lee Woodcock** starts this fall as an Assistant Professor in Computational Chemistry. He is moving to USF from the National Institutes of Health where he served as a Career Transition Award Fellow in the National Heart Lung and Blood Institute. He received his Ph.D. in Chemistry with a concentration in Computational Chemistry from the University of Georgia in 2003.

## ***Faculty recognition***

**Dr. Jon Antina** was the recipient of a visiting professorship at Université du Havre (Le Havre University in Le Havre, France; July 1-15). He will give seminars at Le Havre and at least two at other French Universities in northern France. He will also work with Professor Vincent Dalla at Le Havre to achieve future collaborations.

## ***The joy of our present, the hope of our future...***

The pictures of Annual awards for outstanding graduate students in chemistry are now available.



Ms. Kimberly Fields  
Ashford Award



Mr. Jason Perman  
The George Bursa Award



Ms. Dorina Sava  
Alexiou Award in Environmental Chemistry

## Update Re: Castle Student Research Conference

For background, please see [http://www.usf.edu/~chem](#)  
Here is a list of the awardees for their Contributions made on April 18, 2009

### Graduate Student Oral Presentations

Second Place Oral Presentation Morning:

**Bryan Larson**

First Place Oral Presentation Morning: **Xue Xu**

Second Place Oral Presentation Afternoon:

**Brent Herber**

First Place Oral Presentation Afternoon:

**Michael Ard**

### Barbara and Dean Martin Poster Competition

Two first place Graduate Poster winners

First Place Graduate Poster: **Kurt Horn**

First Place Graduate Poster: **Meagan Galt**

**Undergraduate Poster Competition** -- sponsored by the Clear Springs Co Account

Second Place Analytical Undergraduate Poster Competition:

**Frederic Tuttle**

First Place Analytical Undergraduate Poster Competition:

**Judy Ruppert**

Second Place Inorganic and Natural Products Undergrad:

**Elly Mevers**

and **Rebecca Grady**

First Place Inorganic and Natural Products Undergrad:

**Kevin Dubois**

Second Place Biochemistry, Polymer, Physical, Computational Chemistry Undergraduate Poster:

**Robb DeGree**

**Ben Durand**

**Dan Leyva**

**Mrunal Patil**

First Place Biochemistry, Polymer, Physical, Computational Chemistry Undergraduate

Poster: **Christian Croce**

Second Place Organic Undergraduate Poster

Competition: **Mario Martinez**

First Place Organic Undergraduate Poster

Competition: **Kristopher Hanson**

## Lawson recognition...

Mr **Bryan Larson**, who works with **Dr Jon Antkowiak** will travel to Lindau, Germany as he was nominated by our University President and selected to attend the Lindau Nobel Laureate Meeting (representing the NIH and USF, all expenses paid) to meet with over ten Nobel Laureates. He is one of the student researchers selected for this meeting from all over the US and the world - I think only one or two are allowed per school. The details can be found at: [www.lindau-nobel.de/](http://www.lindau-nobel.de/)

## Cairns in Grenoble...

Ms **Aly Cairns** (Ph.D. candidate in **Dr Michael Eddaoud's** laboratory) was at the Institut Laue-Langevin in Grenoble, France (June 21- June 27), where she was running inelastic neutron scattering (INS) experiments on two porous isostructural metal-organic frameworks (MOFs) that she had synthesized. INS can be used to study the interactions of molecular hydrogen with the framework (i.e., does the hydrogen have a preference to interact with the metal cluster or organic moieties at low loadings). She noted, "As part of our Department of

Energy (DoE) project, we collaborate with Dr. Juergen Eckert from the University of California in Santa Barbara (UCSB). Dr. Eckert submitted a proposal for beam time at Institut Laue-Langvin so that we could have the opportunity to collect INS data on these compounds.” The proposal was accepted, and they were granted time to use the INS spectrometer. Dr. Eddaoudi agreed to send her to aid in activation of the compounds.

### ***Faculty about and abroad...***

Dr. M<sup>1</sup> e Zaworot o’s recent trip to China included a lecture at Nankai University, <http://www.nankai.edu.cn/english/>

years and still does. But CAS reorganized last August and now consists of three schools: Natural Sciences and Mathematics (SNSM), Behavioral Sciences, and Humanities. Defining further details of organization continues, but a main feature is the development of more inter-disciplinary research programs ( "Proposals of Interest").

Magnolia II, the dormitory pictured previously [please see 7(1), (2)] will now be named Juniper and Poplar. The total occupancy is about 1050 beds. The halls are seven-story towers, each with a cafeteria, a Starbucks, faculty offices, and three classrooms.

Most of the 18 courses offered will be first-year and second-year level. Part of so-called learning communities will be faculty members living on campus.

First-year students are now required to live on campus, unless their homes are within 50 miles.

The latest issue of *Journal of Chemical Education* (Vol. 10, issue 1, a publication of Moffitt Cancer Center) features three chemistry professors: **Dr. Wayne Guida** (professor of chemistry), **Dr. Mar McLaurin** (professor of chemistry), and **Dr. John Manetsch** (assistant professor of chemistry). All are pictured in an article that describes the collaboration between Moffitt and the Department of Chemistry researchers as the Moffitt-USF "bridge".

### ***Proposals of interest...***

**Dr. Jon Antkowiak**, James and Ester King Foundation and the Florida Department of Health, "Synthesis and Screening of Sigma

The manuscript was submitted in response to an invitation that **Dr Guada** received from the editor, **Dr Dale Boer**, to contribute to a special Symposium in Print edition of the journal in honor of **Dr Carlos Barbas** who is receiving the Tetrahedron Young Investigator Award this year.

**Dr Guada** wrote, “Carlos is a professor at the Scripps Research Institute and did undergraduate research with me many years ago during my first stint at Eckerd College.”

He added, “Perhaps the paper is equally noteworthy since the author list reveals that the work was the result of a true collaboration between USF Department of Chemistry and Moffitt scientists.”

### ***Persons we have heard about...***

**Bo Jan** (Ph.D. `08) is a Senior Statistical Analyst at the Canadian Headquarters for Capitol One, a Fortune 500 Company (Toronto). He wrote, “I am very grateful to USF for providing me the wonderful experience to develop my knowledge and skills during my Ph.D. years.” His advisor was **Dr Jennifer Lewis**

**George Cobb** (Ph.D. `89), Professor of Environmental Toxicology at Texas Tech University, is a candidate for treasurer of the American Chemical Society Division of Environmental Chemistry (ENVIR). He has previously served as member-at-large and as Merit Awards Chairman for the Division.

**Dr Marylyn Lupton**, Chemistry administrative aide (1974-1986) before earning her doctorate in humanities at USF and her husband, **Ken**, celebrated their 60<sup>th</sup> wedding anniversary on June 6. They first

met on a mountain in Wyoming, where both have been invited by friends to attend a church picnic.

anesthesiologist at Jeans Hospital, Temple University in Philadelphia.

**Barbara M Nuernberger** (B.A. '69) became a toxicologist with the District 4 Medical Examiner's Office in Jacksonville, FL.

### **"Giving"....**

This is the title of a new secure link on the departmental Web page. (Box is top center). Clicking on the link allows a donor to make a gift to one of the accounts that the Department is emphasizing. Both are related to the annual Scholarship & Alumni Award celebration each spring.

**The Chemistry Operation Fund** provides support for special guests to attend, a worthy cause that can not be supported by State funds. It also provides for food for seminars and related needs.

**The Chemistry Named Awards** endowment provides cash awards to outstanding students in six areas of chemistry. (This was the first year that \$200 awards were given in addition to a book in the subject area). In addition, the awards are named in honor of six pioneering faculty members all retired: **Drs Benford, Braley, Davis, Fernandez, Owen and Stanton**

Two additional awards (in cash) are named after two past department chairs: **Drs Maybury and Zaworotko**.

We hope to build up the funds so the amount of the awards can be increased.

Friends tell us the system works rapidly and well.

## **News and feedback**

### **Chair's Address:**

**Dr Andy Larsen**  
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### **Photographs:**

**Ms Kimberly Reed** M.B.A.  
Manager, Fiscal & Business Administration

**Dr Marie Zaworotko**  
Professor of Chemistry

### **Web page:**

<http://chemistry.usf.edu>

### **Webmaster**

**Mr Tony Green**

### **News:**

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

### **News for us or comments?**

Please write to: [dmartin@cas.usf.edu](mailto:dmartin@cas.usf.edu)