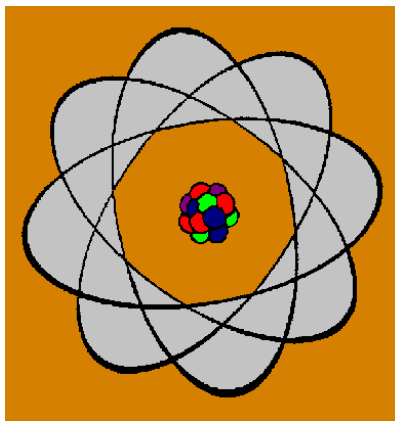


# Orbitals



## What's Happening in Chemistry Circles

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### **FACULTY GOOD NEWS**

**Dr. John Fackler**, Distinguished Professor of Chemistry, was recently awarded a Senior Scientist Mentor award from the Camille & Henry Dreyfus Foundation. The Senior Scientist Mentor Program provides an award to emeritus faculty who maintain active research programs with undergraduates in the chemical science. Dr. Fackler's award – one of only 11 in the country – provides funding for undergraduate stipends and modest research support. Dr. Fackler says of his research, "This project attempts to generalize the synthetic and physical properties of nitrogen ligand complexes of gold, expanding on the knowledge gained from amidinate and guanidinate studies to date. New luminescent materials will be synthesized and characterized. Further expansion of our knowledge regarding the formation of mixed metal clusters will be developed." Dr. Fackler is seeking undergraduates for this project. For more information on Dr. Fackler's research, please see <http://www.chem.tamu.edu/rgroup/fackler/> or contact Dr. Fackler at [fackler@mail.chem.tamu.edu](mailto:fackler@mail.chem.tamu.edu).

**Dr. John Gladysz** and **Dr. Ronald Macfarlane** were both recently promoted to Distinguished Professor. **Dr. Simon North** was recently promoted to Professor. **Dr. Coran Watanabe** was promoted to Associate Professor with tenure. Congratulations to all.

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### **ATTENTION ALL CHEMISTRY MAJORS: WHAT ARE YOU UP TO?**

It's a good idea to keep our office informed of your curricular and extracurricular activities and interests because certain award and fellowship nominations require that we know more than just your GPA. One way to make sure that we are informed is to drop off a current resume at the Undergraduate Advising Office for your file. Let us know if you've lined up a great summer internship or job, too!

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### **MAY GRADUATE PLANS**

Here is an update on what some of our 38 May graduates are planning for their futures. More updates will be included in our May newsletter. May graduates, send your updates to [advising@mail.chem.tamu.edu](mailto:advising@mail.chem.tamu.edu).

**Bryan Carroll** will be attending medical school this Fall, likely Southwestern.

**Rebekah Condit** will be attending Texas A&M Medical School in the fall.

**AJ Echeverria** will be graduating this May, getting married to a fellow Aggie in June, and then starting medical school in August at Baylor College of Medicine class of 2012 in Houston, where he "will be dedicating my life to medicine for the next million years. I have wanted to go into oncology since I was a kid, so that's what I think I will be aiming for."

**Robert Brandon Hakari** will be going to Michigan State to study law in the fall. (unless he gets a better offer!)

**Matthew Hebert** is starting Pharmacy School at the University of Houston in the fall, so it's another 4 years of school for him!

**Trevor Makal** will be attending graduate school here at A&M for inorganic chemistry. He'll also be getting married this October at the Texas Renaissance Festival.

**Kelly Martinez.** In May Kelly will be relocating to Dallas shortly after graduation. Her new academic home will be Baylor College of Dentistry as she pursues her DDS. Beginning in June she will start on a summer research fellowship at the school (hopefully in dental materials research); the regular dental school routine of classes and labs will then begin in August. UT Health Science Center San Antonio dental school also offered Kelly the largest scholarship that they have offered to an incoming student to attend their school. However, she opted to move to Dallas because of the warmer atmosphere of the school and because of the opportunity for living in a new city before returning to San Antonio to settle down near her family.

**Josh Owen** will graduate with a BS in Chemistry and a BS in Biochemistry He plans to attend UT Southwestern Medical School in Dallas as a student in their Medical Scientist Training Program (MSTP), also known as an MD/PhD program. He will be performing a summer research rotation there over the summer, starting in June.

**Howard Price** is another future dentist. He will also be attending Baylor College of Dentistry in August.

**Meghan Stroh.** Instead of graduating last May (as planned), Meghan decided to add a second major (American Studies). She spent the extra year working as a Campus Campaign Coordinator for a wonderful non-profit organization, Teach For America. All majors can apply, and Meghan is just one example of the many science majors who can choose to make a difference teaching science in low-income communities across the country. She was accepted into the program and will be teaching high school Chemistry in New Orleans, LA for the next two years. She begins training in June and then goes from there. If anyone ever has questions about the program, please contact Meghan at [meghan.stroh@gmail.com](mailto:meghan.stroh@gmail.com).

**Crystal Young** has been accepted to University of Houston and plans to pursue a Ph.D in chemistry pending a visit to the campus. "I expect this to be where I spend my next 5 years. If for some reason it doesn't seem like the place for me, I will be starting the to look for a job in the Houston area and hope to find one before I leave for my 2 month Europe trip in June."

**Nathan Young** will be graduating with in May with a B.A. and a minor in Business Administration. He's getting married to his fiance in December 2008 and they are expecting their first child on June 13th. He recently accepted a position with Samsung Austin Semiconductor in Austin, TX as a Materials Engineer and will be starting there in July. He plans on applying to UT to work on an MBA part-time in a couple of years.

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## EMPLOYMENT OPPORTUNITIES

**Angelica (Cantillo) Glover** (B.S. 2006) sent a note, "The company I work for (PharmaForm, [www.pharmaform.com](http://www.pharmaform.com) <<http://www.pharmaform.com/>>), and specifically my group, is in desperate need of chemists! We are looking for people with at least some experience in using analytical instrumentation; and they can have either bachelors or masters degrees. We are hoping to find at least 3 chemists by June. Anyone can feel free to e-mail me their resumes. Angelica can be reached at [AGlover@pharmaform.com](mailto:AGlover@pharmaform.com).

**Lynntech, Inc.** located here in College Station is looking to hire some research assistants with a BS/BA in chemistry. A May graduate who is looking for a full time job would be great, but they could also use someone

looking for a part time job of 15-20 hours a week. The job will involve in-lab work, so some experience in a research lab setting would be a plus. The job description is posted at <https://hr.lynnotech.com/> (position ID 60) Apply by clicking the submit resume link at the bottom of the page. If any students have questions regarding the company or the job they can email Ashlee Jahnke at [ashlee.jahnke@lynnotech.com](mailto:ashlee.jahnke@lynnotech.com).

**Dan Hollas** (B.A. 2004) sent Dr. Tiner a note, alerting her to an open position for a **QC Chemist at Baker Petrolite in Sugarland, TX**. "As far as I know, this is a starting position, so if you know of any recent or upcoming graduates who are looking for a job in the Houston area, you can put them in contact with me so I can forward their information to my friend at Baker." Dan's contact information is Dan Hollas; Regulatory Specialist - NCH Corporation; 2730 Carl Road, Irving, TX 75062; phone: (972) 438-0762 fax: (972) 438-0999; email: [dan.hollas@nch.com](mailto:dan.hollas@nch.com).

The **ACS Student Affiliate Spring Banquet** will be held Thursday, April 17, 2008, at 7 p.m. at the Wings 'n More Party room located at the corner of Deacon and Texas Avenue. Dinner will be provided. Business casual dress is required. Entry cost is \$15 per person. You may pick up tickets from Marilyn in the Undergraduate Office room 104 or from one of the officers. Please pick up your tickets by Friday the 11th so that we may get an accurate head count. Several awards will be presented during the banquet.

### **CHEMISTRY SCHOLARSHIPS TO BE DECIDED SOON**

We will make the final decisions on several undergraduate chemistry scholarships once the spring semester final grades are received. Regardless of whether or not you applied for one of our scholarships by using the College of Science web site, all undergraduate chemistry majors will automatically be considered for these scholarships according to the policy outlined here.

Consistent with the specific scholarship guidelines we will evaluate all chemistry majors for all of these scholarships. All currently enrolled undergraduate chemistry majors are routinely considered for the chemistry department scholarships and the College of Science scholarships targeted to chemistry majors at the end of each semester. Once grades are received, we go through the complete list of chemistry majors and award the available scholarships based on cumulative GPR to students who, in almost every case, do not already hold a major scholarship. If there are additional restrictions applicable to a given scholarship as there are for the Hach Scientific Foundation teacher scholarships, we will consider people who meet the criteria whether or not they have applied directly through the College of Science web site. In some cases, as has been done earlier for the Hach Scientific Foundation teacher scholarships, we may send out a general e-mail to all chemistry majors asking those who feel they meet the criteria to contact our office. Our policy is to try to spread the scholarship money to as many deserving students as possible. As always, please do not hesitate to contact us in person, by phone or e-mail to inquire about any of these scholarships. For scholarships where applications are required, please stop by Room 104 Chemistry to pick up the application from Ms. Warren as soon as possible.

Scholarships for which we will be making decisions soon include:

**Dow Aggies Scholarships** - outstanding junior or senior chemistry majors.

**George C. Bauer Scholarship** is offered in honor of a former outstanding teacher in the department. Application required (See below); financial need is a major factor; junior or senior chemistry major.

**Sharon Merritt Birtcher Scholarship** is for students planning to become teachers; must have so indicated to Dr. Gaede or Dr. Tiner and provide evidence of pursuit of the plan.

**Dr. Minoru Tsutsui Memorial Scholarship** is a recently endowed scholarship in honor of a former chemistry faculty member. Given to a chemistry major who is a Texas resident and plans a career in industry; financial need and achievement considered; application required.

**Dr. Herman A. Liebhafsky Scholarship** is a recently endowed scholarship in honor of a former faculty member. Given to a chemistry major based on financial need and achievement; preference for someone from a "rural" Texas area; application required.

**Eileen and Harry Lewis Scholarship** is an endowed scholarship in honor of Eileen Lewis '65 and Harry (Hank) Lewis '65. Preference given to a female chemistry major based on financial need and not primarily academic achievement; application required.

**Hach Scientific Foundation Scholarships** for students planning to become teachers; must have so indicated to Dr. Gaede or Dr. Tiner.

**The Dr. David W. Lipp '66 Memorial Endowed Scholarship in Chemistry.** Established in November 2005 by the Lipp Family Foundation in memory of Dr. David W. Lipp '66, the scholarship provides support for a full time student in good standing pursuing an undergraduate degree in chemistry.

**The Emile A. Schweikert Endowed Scholarship** was established in 2005 in honor of former Chemistry Department Head Dr. Schweikert. The scholarship provides support for a full time student in good standing pursuing an undergraduate degree in chemistry.

**The Connie G. and Otto F. (Pete) Schumm Endowed Scholarship in Chemistry.** Selection will be based on financial need as well as academic performance.

**The Dr. John L. Hogg Endowed Scholarship in Chemistry** was established in memory of Dr. Hogg. The scholarship provides support for a full time student in good standing pursuing an undergraduate degree in chemistry.

In all cases, students will be provided with the address of the scholarship sponsor and asked to provide a written thank you note to the sponsor with a copy being forwarded to our office. **Students who fail to provide the thank you notes will not be considered for future scholarships**, as per College of Science policy. All scholarships will be considered on a semester-by semester basis but the expectation is that students will hold the scholarship for at least one academic year, and in many cases for up to four, provided they meet the grade and other requirements and funding is available from the sponsoring source.

### **GEORGE C. BAUER SCHOLARSHIP APPLICATIONS AVAILABLE**

The application forms for the George C. Bauer Scholarship(s) are now available, for chemistry majors only, in Room 104 Chemistry from Ms. Marylin Warren. The scholarship(s) (which could range up to \$1500) are for the 2008-2009 academic year. The simple application is due by May 15 and the awards will be announced during the summer. Financial need is the main criterion for selection although academic performance is considered if financial need is equal. Chemistry majors who will be juniors or seniors during the 2008-09 academic year are eligible for the scholarships. The chemistry undergraduate awards committee will review the applications and make recommendations for the awards. We typically receive very few applications for these scholarships so I encourage you to apply. We have decided to wait until after spring 2008 grades are submitted to make the decisions.

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### **UNDERGRADUATE RESEARCH AND INTERNSHIPS**

#### **Summer research opportunity if Italy for undergraduates**

The US Department of Energy (DoE) and the National Institute for Nuclear Physics - Italy (INFN) announce the 2008 edition of the Summer Exchange Program, dedicated to the exchange of US and Italian students in science and engineering.

INFN, one of the leading organization worldwide promoting basic scientific research, is involved with cutting-edge activities in all major INFN-DoE areas of interest: Particle Physics, Astroparticle Physics, Nuclear Physics, Theoretical Physics and Detector Physics (see <http://www.infn.it/brochure/ing/>).

The present call for applications is addressed to US students who are willing to join a INFN research team operating in Italy, for approximately 10 weeks starting anytime between June 1st and November 30th, 2008 .

More information and the web form can be found at: [http://www.infn.it/summer\\_student/DOE\\_INFN.php](http://www.infn.it/summer_student/DOE_INFN.php)

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### **MORE REMEMBRANCES OF DR. HOGG**

Dr. Hogg made a real effort to make sure that I got the most out of my time at Texas A&M. I know I didn't make it easy for him, but he made sure that I knew he was watching out for me. My thoughts and prayers go out to his family.

**Andrea Clouser-Roche**

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Oh my....I don't know if I can fully express how hurt I am by your passing. You were a mentor, a friend, and a tireless advocate for me. You always believed in me, even when no one else did. You always believed in me, even when I didn't believe in myself, and I will always appreciate it. You guided me back from being a dropout and a university reject. When I finally did graduate, you were the only one to show up to see me walk across that stage. I will always appreciate that. I will always miss you and I will always remember you.

**Chuck Kreiman**

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## OLD AGS

**Dan Hollas** (B.A. 2004) is a regulatory specialist at the NCH Corporation in Irving. As mentioned above, he recently contacted Dr. Tiner about an open position for a chemist in Sugarland, TX. His brother Aaron is going to switch his major to Chemistry this semester... "so you may see him in there soon, if he hasn't stopped by already." You may contact Dan at **dan.hollas@nch.com**.

**Stephen Kerlegon** (B.S. 2006) is now in charge of recruiting chemists from Texas A&M. Hopefully, you'll be seeing him at recruiting functions around campus in the coming year. He and **Lucki Quirindongo** (B.A. 2006) were married on March 8, 2008 at St. Mary's Church in College Station. They're currently living in Clear Lake where Stephen is working as an analytical chemist for Celanese Chemicals and Lucki is teaching Chemistry at Friendswood High School. Stephen may be reached at **Stephen.Kerlegon@celanese.com**.

**Miral Kawasmi** (B.A. 2006) is a teacher in Irving ISD teaching chemistry and a remedial TAKS class called Science R&D. Miral says, "I spend so much time trying to educate my students that I wanted to step out and help educate the community about a cause like Breast Cancer. I'm a firm believer that education is the key to success in all our endeavors." Miral is participating in an event called the Breast Cancer 3-Day in the Dallas/Fort Worth metroplex, where she'll walk 60 miles over the course of three days with thousands of other women and men. The net proceeds will support breast cancer research, education, screening and treatment through Susan G. Komen for the Cure and the National Philanthropic Trust Breast Cancer Fund. If you are interested in contributing, you can donate online at <http://www.the3day.org/>. Miral may be reached at **miral.kawasmi@gmail.com**.

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