

# YALE UNIVERSITY

## DEPARTMENT OF CHEMISTRY

### THE CHEMISTRY CHRONICLE

July 13, 2015

#### **ANNOUNCEMENTS**

For further information on any of the items included here, or if you would like to contribute information to the next bulletin, please contact [chemistry.adminoffices@yale.edu](mailto:chemistry.adminoffices@yale.edu) no later than Thursday, July 23<sup>rd</sup> by 12:00 p.m.

Congratulations to Kyle East from the Loria lab who was recently awarded a three-year NIH graduate fellowship.

Sean McWilliams, a graduate student in Pat Holland's group, also received an NIH Graduate Fellowship. Awesome news!

**Save the Date** – Chemistry's annual Holiday Luncheon will take place on December 23, 2015 in the SCL Historic Corridor first floor.

**New Bulldog Mobile Safety App** - Yale Police recently upgraded the Bulldog Mobile App (BDM). Effective July 1, 2015, the Bulldog Mobile App will be powered by LiveSafe. This new app has some great safety features that we feel will benefit our campus community.



**HOW TO DOWNLOAD:** To download the Bulldog Mobile (LiveSafe) App, visit the Apple App Store (for iPhones) or Google Play Store (for Androids).

Search for and download "LiveSafe."

Register with your email and fill out your profile. Be sure to verify your email address.

Choose "Yale University" as your school. You're set!

**PERSONAL SECURITY DEVICE:** Bulldog Mobile powered by LiveSafe is a free personal mobile application for Yale students, staff and faculty to engage in a two-way conversation with the Yale police. With Bulldog Mobile, you can use your cell phone as a personal security device that allows direct access to police, 911 emergency services, emergency location sharing, information sharing with quick tips, and a peer-to-peer SafeWalk tool. Registration with a Yale email address is encouraged.

**WHAT IT FEATURES:** Summon Help - Trigger 911 or the Yale Police (203) 432-4400 with the press of a button (available on iPhone & Android devices only), along with critical profile information. Based on your cell phone signal and if your location services is enabled, a GPS locator is activated during your call.

**SafeWalk** - Peer-to-Peer Tool - Invite friends and family to temporarily follow your location on a real-time map. They will see your location as you walk to your destination and will know when you get there safely.

**Share information** - Quick Text Tip - Submit tips or reports about campus safety concerns and live chat with campus safety officials. You can attach a picture, video, or audio and even send it anonymously if you choose.

The two new Live residential colleges are looking more like buildings every day, as evidenced by the [daily webcam updates](#) taken from just across the street.

**International Students and Scholars:** Three months prior to your visa expiring, the Office of International Students and Scholars (OISS) will send you a notice. Please don't ignore this notice. Begin the conversation with the PI that you work

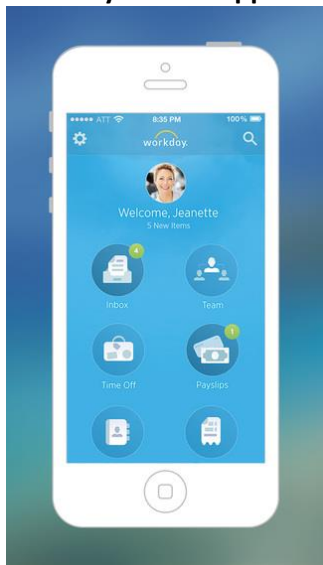
for or who advises you on what you will be doing and communicate that to Maria Foley ([m.foley@yale.edu](mailto:m.foley@yale.edu)). Be sure to follow the instructions in the notice. Keep in mind that extensions or changes can take 1-3 months, so act immediately.

[Schrödinger's Summer Seminar Series 2015](http://www.schrodinger.com/seminarcenter/) is just around the corner! Join them online (<http://www.schrodinger.com/seminarcenter/>) where they will be discussing FEP+ for drug discovery applications, and highlighting some of the new features in Schrödinger's 2015 software releases. Seminars are free of charge and include a Q & A with the speakers.

**Yale University – Email Subscription Service** – If you would like to subscribe to a Yale Publication or to find out what publications are available, follow this link <https://messages.yale.edu/Subscribe/> Here you will find publications of interest to Faculty, Staff, Postdocs and Graduate Students.

**Workday@Yale for Faculty and Staff** – Beginning July 2015, Yale is transitioning to Workday as the campus-wide unified Human Resources and Payroll information system. Workday's functionality will allow faculty and staff to view and manage information related to their benefits, pay, and personal information. These activities are currently completed in the Yale Portal under My Pay & Info and My Benefits, respectively. For example, you will use Workday to: Access and change your benefits, set up and manage direct deposit (including printing your pay slips and W-2) and Edit personal contact and emergency contact information. Registration has begun for auditorium style training. To sign up, follow this link [Workday Employee Self Service Training](#). Don't have time to attend training? Workday is intuitive and you may only need the [Workday Basics for Faculty and Staff](#).

#### **Workday Mobile App –**



Download "Workday" on your mobile device at the Apple Store. When asked for the tenant, type Yale. It is recommended to pick a 6-8 digit pin number.

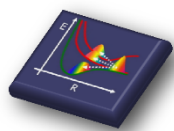
## **SEMINARS**

[Chemistry Department Seminar Schedule](#)

## **SYMPOSIA**

Planning has begun for this year's **Yale Chemistry Symposium**, which will take place on **Friday, August 28th**. This symposium is held at the beginning of the academic year and is organized and managed entirely by the second-year class of graduate students in the Chemistry Department. The purpose of the symposium is three-fold: 1) to welcome the newest class of graduate students to Yale Chemistry; 2) to provide current graduate students with an opportunity to present their research in a more formal setting; 3) to build camaraderie between the members of the second-year graduate class before they enter a crucial year in their graduate studies.

Saturday, November 7, 2015



## John Tully Retirement Symposium

The Tully Retirement Symposium is scheduled to take place at Yale's Sterling Chemistry Laboratory on **Saturday, November 7, 2015**. A variety of individuals associated with John and his multifaceted scientific endeavors graciously have agreed to participate as keynote speakers for this day-long meeting:

- Professor Joel M. Bowman (Emory University)
- Professor Louis E. Brus (Columbia University)
- Professor Sharon Hammes-Schiffer (University of Illinois Urbana Champagne)
- Professor Martin P. Head-Gordon (University of California, Berkeley)
- Professor William H. Miller (University of California, Berkeley)
- Professor Krishnan Raghavachari (Indiana University)
- Professor John D. Weeks (University of Maryland)

### University Policies:

**IMPORTANT CHANGE IN POLICY FOR OUT OF POCKET REIMBURSEMENTS** - In collaboration with the Provost, as of July 1, 2015, the University has changed its practice regarding reimbursement of out-of-pocket expenses more than **120 days** from the date the expense was incurred. Current policy states that expenses older than 120 days will not be reimbursed. However, exceptions are requested and granted. Effective July 1, 2015 there will be **no exceptions**. These late requests will be treated as follows:

- A reimbursement submitted between 120 and 366 days after the expense is incurred may only be reimbursed as taxable income. Gross-up for taxes incurred will not be allowed.
- No reimbursement submitted more than 366 days after the date the expense is incurred will be eligible for reimbursement.

These changes are necessary in order for Yale to stay in compliance with IRS regulations regarding expense reimbursement. They also allow employees who submit their reimbursements late but within a year to be at least partially reimbursed.

Exempt from this policy are students, postdocs and non-employee reimbursements. These reimbursements will continue to be processed in the same way.

You do not need to travel to be reimbursed for pre-paid registration or travel tickets. They can be processed as soon as they are purchased with proof of purchase.

### SCHOLARSHIPS/FELLOWSHIPS

There are many generous sources of support both at Yale and beyond campus for graduate students to conduct their research and develop as professionals. From sponsoring the Dean's Fund to convene student-organized seminars and conferences to conducting the campus review process for the Fulbright program, the Graduate School promotes opportunities for students to fund their work at a variety of levels. In addition, the Graduate School has developed and identified a number of resources to communicate these opportunities to students. For further information, visit <http://gsas.yale.edu/funding-aid/fellowships/gsas-other-fellowships>

Fall Data Science Fellowship: **The Data Incubator** is an intensive 7-week fellowship that prepares masters, PhDs, and postdocs in STEM + social science fields seeking industry careers as data scientists. Further information can be found at: <https://www.thedataincubator.com/?ref=v646221>

## **POST-DOC OPPORTUNITIES**

Dr. Vince Carroll runs the med chem group of a small company called **Molecular NeuroImaging** (<http://www.mnimaging.com>), located in New Haven. They are currently expanding rapidly and have **two open positions for post-docs** in his group. Interested individuals should contact Dr. Carroll ([vcarroll@mnimaging.com](mailto:vcarroll@mnimaging.com)).

## **JOB OPPORTUNITIES**

The **Department of Chemistry at Gustavus Adolphus College** is currently undertaking a search for a **one-year Visiting Assistant Professor of Biochemistry and Organic Chemistry**. Responsibilities will include: 100-level organic chemistry lecture and associated laboratories, 200-level biochemistry laboratories, 100-level Principles of Chemistry laboratories, and a possible January Term course. Job announcement is below.

Review of applications began on July 2 and will continue until the position is filled. The position will begin September 1, 2015. Applications may be sent to [chem-search@gustavus.edu](mailto:chem-search@gustavus.edu).

The **Department of Chemistry and Chemical Engineering at the University of New Haven** is hiring new **adjunct faculty for the Fall 2015 semester**. Positions are available during both the day and evening. The Chemistry program is particularly seeking individuals interested in teaching **General, Organic or Physical Chemistry** Laboratory courses. CVs should be sent to Nancy Savage, Chemistry Program Coordinator at [nsavage@newhaven.edu](mailto:nsavage@newhaven.edu).

### **McKinsey & Company, a global management consulting firm: 2016 Full-time Associate Opportunities**

Open to Ph.D. students, postdocs, medical students, interns, residents, fellows, JDs and non-M.B.A. Masters

Online Application Deadline: July 20, 2015

Application Link: [www.mckinsey.com/Associate](http://www.mckinsey.com/Associate)

Please visit the website for details and to submit application:

[http://www.mckinsey.com/Careers/Your\\_background/Advanced\\_professional\\_degrees](http://www.mckinsey.com/Careers/Your_background/Advanced_professional_degrees)

**Industrial Interviews** to take place here in the Chemistry Department.

Monday, 8/10/15 – **Merck**

Friday, 8/21/15 – **Novartis**

Dr. David Thaisrivongs will be interviewing for **Merck** at Yale on **Monday, August 10<sup>th</sup>**.

If you're interested in the positions below, apply on-line at [www.merck.com/careers](http://www.merck.com/careers) and submit your CV and research summary to David Thaisrivongs ([david.thaisrivongs@merck.com](mailto:david.thaisrivongs@merck.com)). The subject line of emails to Dr. Thaisrivongs should read: 'Yale Recruiting – followed by your name'.

Discovery Chemistry (CHE004381, Senior Scientist) The Senior Scientist will be part of a project team and will work in a laboratory to:

- \* Improve the properties of lead drug candidates through the design and synthesis of new small molecules.
- \* Work closely with their colleagues in Biology, Pharmacology and Drug Metabolism, structure-activity relationships will be constructed and refined in a collaborative manner.
- \* Use strong laboratory skills to contribute to the discovery of drug candidates through development of structure-activity relationships and optimization of synthetic routes.
- \* Routinely communicate and present new ideas and research progress at project meetings.
- \* The result of this effort will be the identification of drug candidates for clinical development.

Process Chemistry (CHE004372, Senior Scientist) Merck is currently seeking exceptional chemists for positions within the Process Chemistry Department located at our Rahway, NJ site. A successful candidate will be joining a group of innovative scientists with broad deliverables ranging from the design of manufacturing routes for drug candidates to building on our state-of-the-art catalysis capabilities. A Ph.D. in chemistry with experience in methodology/catalysis (including chemocatalysis, biocatalysis and heterogeneous catalysis), total synthesis, physical organic chemistry, or flow chemistry is required, along with a proven track record of solving complex problems. Candidates must possess strong written and oral communication skills, and the ability to work effectively in a team environment.

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Dr. Alec Flyer will be interviewing for **Novartis** at Yale on **Friday, August 21<sup>st</sup>**. If you are interested in the positions below, send your CV and research summary to [alec.flyer@novartis.com](mailto:alec.flyer@novartis.com). The subject line of emails to Dr. Flyer should read: 'Yale Recruiting – followed by your name'.

**PhD Medicinal/Synthetic Organic Chemist:**

The central responsibility will be the proposal of molecular hypotheses and the design, provision and execution of experiments to test them, with the ultimate aim of generating new medicines. Integral to this will be the design, preparation, purification and characterization of novel molecular entities. The qualified individual must be proficient in relating compounds' structure to function, thinking about problems on the atomic and molecular level, and designing and preparing molecules to test hypotheses about compounds' action. The qualified individual is expected to contribute to pre-clinical research projects as a project team member. Additionally, the qualified individual will be expected to supervise the professional development and mentoring of junior- level scientific staff. The individual will collaborate / interact with a broad group of scientists within Novartis and with external collaborators. These scientists will include a variety of personnel in preclinical and clinical discovery, including biologists, medicinal chemists, pharmacologists, DMPK scientists and toxicologists.

Minimum requirements:

- \* Ph.D. in synthetic organic or medicinal chemistry
- \* Proven track record of innovative project contributions including peer- reviewed publications
- \* Ability to work independently and ability to interact with a multidisciplinary team of medicinal chemists, biologists, pharmacologists and external collaborators.
- \* Excellent oral / written communication and presentation skills

Flexibility to work in a dynamic environment

Location: Positions are available in Cambridge, MA, Emeryville, CA & Shanghai, China