Happy New Year!

- **During Winter Session, Colburn Lab will be locked as follows:**
  Monday through Friday all of the doors to Colburn Lab will be locked at 5:00pm.
  The building will not be unlocked on either Saturday or Sunday.

- **2014 Milliken Graduate Research Symposium is now accepting applications for 2014**
  The 2014 Graduate Research Symposium will take place on March 26-28, 2014 at Milliken's headquarters, the Roger Milliken Center, in Spartanburg, SC. More details about the 2014 Symposium and our application process can also be found on our [website](#). **The application deadline is January 17, 2014.**

**In the News:**

- Congratulations to Angela Holmberg who was awarded a 2013 Ciba Travel Awards in Green Chemistry [https://communities.acs.org/community/science/sustainability/green-chemistry-nexus-blog/blog/2013/12/13/2013-ciba-award-winners](https://communities.acs.org/community/science/sustainability/green-chemistry-nexus-blog/blog/2013/12/13/2013-ciba-award-winners)
- Congratulations to Jason Loiland who was awarded this year’s Air Products Fellowship
- Professor Alice Gast to become sixteenth head and first woman to lead Imperial [http://www3.imperial.ac.uk/newsandeventspggrp/imperialcollege/newssummary/news_2-1-2014-16-34-8](http://www3.imperial.ac.uk/newsandeventspggrp/imperialcollege/newssummary/news_2-1-2014-16-34-8)
- Congratulation to Dr. Charles Glinka who was named an APS Fellow

**Department Events:**

- **CMET Seminar**
  Dr. Christine Luscombe, University of Washington
  January 9, 2014
  10:00am in 366CLB
  “Controlling Semiconducting Polymer Architectures”

**Future Department Events:**

- **CMET Seminar**
  Dr. Arthi Jayaraman
  Dept. of Chemical & Biological Engineering
  University of Colorado
  Tuesday, January 14, 2014
  10:00 am – 366 Colburn Lab
  “Theory and Simulation Studies of Structure and Thermodynamics in Macromolecular Materials”

- **CMET Seminar**
  Folarin Latinwo
  Department of Chemical & Biomolecular Engineering
  University of Illinois at Urbana-Champaign
  Thursday, January 23, 2014
  2:00 pm – 366 Colburn Lab
  “Fluctuation Theorems for Molecular Rheology”
• **Neutron Day – 2014**: The Center for Neutron Science is sponsoring a symposium with the National Center for Neutron Research of NIST on **Thursday, February 13, 2014**, at the Trabant University Center at UD. Leading scientists and engineers from NIST and UD will present scientific research on a broad range of topics and a poster session will run throughout the meeting. Registration is free but please pre-register so we can plan for your attendance. Click [here](#) for on-line registration. Contact **Cinda Younce** for additional details.

• **Solar Workshop: Terawatt Challenge!!** (including student poster session) - A workshop featuring industrial and academic experts in the solar field presenting their research sponsored by the UD Energy Institute. **When:** **Friday, February 28, 2014**  **Where:** **Clayton Hall, University of Delaware**  **Time:** 8:30 am to 4:30 pm  **Event is FREE, however, pre-registration is required. Online registration and additional information available at:** [http://www.energy.udel.edu](http://www.energy.udel.edu)  
Any questions, please contact: **Marguerite Mahoney, mahoneym@udel.edu, 302-831-7369**

• **2014 National Engineers Week, February 16 through February 22, 2014**

**Other Department Events:**

• The Berkeley Nanosciences and Nanoengineering Institute is recruiting for one tenure-track Assistant Professor position in Nanoscience and Engineering. We are seeking one individual with demonstrated excellence in fields at the intersection of nanoscience/nanotechnology and the biological sciences, particularly (but not exclusively) in neuroscience. More information is available online at [http://nano.berkeley.edu/job/job.html](http://nano.berkeley.edu/job/job.html).

• Engineering Student Shop Training is required for **anyone** wishing to work in the shop. If you know of undergrads, grad students or post docs who need to work in the shop during Winter Session, make sure they attend the appropriate training demos.
  
  o **Basic Shop Safety Training** – Thursday January 9th at 4PM  
  This is a **one-time** requirement of **every** shop user. This training takes about 30 minutes.
  
  o **Milling Machine Training** – Friday January 10th at 3:30PM. – This training is required for anyone wishing to use the milling machines. This training takes about 90 minutes.
  
  o **Lathe Training** – Monday January 13th at 3:30PM – This training is required for anyone wishing to use the lathes. This training takes about 60 minutes.

All training takes place in the Engineering Student Shop, 104 Spencer Lab.  
**Please be on time. The door will be locked at 5 minutes after the above times and you will have to wait for the next round of training sessions.** If you need any of these training sessions, but cannot make these times, let me know what times are good for you and I will try to schedule the next sessions so that you can attend.

• **Physics and Astronomy**  
Dr. George Reiter, University of Houston  
Tuesday, December 3, 2013  
2:00pm in 215 SHL  
"The quantum mechanics of nano-confined water: new cooperative effects in the confined ground state revealed with neutron Compton scattering."

**Jobs/Recruiting:**

• The Department of Chemical Engineering at the University of Massachusetts Lowell is seeking an outstanding individual for an anticipated tenure-track position at the Assistant or Associate Professor level. For more information on how to apply see the attached announcement.

• The Henry Samueli School of Engineering at the University of California, Irvine invites qualified applicants for a FACULTY POSITION in the Department of Chemical Engineering and Materials Science. The position will be at the Assistant Professor level (tenure track). For more information on how to apply see the attached announcement.

• The Faculty of Engineering and Architecture at the American University of Beirut invites applications to fill two faculty positions in Chemical / Petroleum Engineering at the Assistant Professor rank in relevant research areas. Applicants must have a first degree and PhD degree in Chemical Engineering or related discipline, preferably with postdoctoral or industrial experience. They must demonstrate having strong research experience by having at least 3 recent publications in internationally recognized journals. Outstanding fresh graduates will also be considered for these positions. The applicant is expected to have a leading role in maintaining strong undergraduate and graduate
programs, to pursue vigorous research and attract external funding. Salary is commensurate with education and experience. Applications will be reviewed on a rolling basis until the positions are filled.

Applicants are invited to submit a complete resume, a brief statement of their interests that includes their vision on teaching and research, and the names of at least four references with their detailed addresses. The complete application should be sent to: Dean, Faculty of Engineering and Architecture, American University of Beirut, email: fea@aub.edu.lb, P.O. Box 11-0236, Riad El-Solh, Beirut 1107-2020, Lebanon. Information on the Faculty of Engineering and Architecture in AUB can be found at www.aub.edu.lb/fea/.

Available positions can be found on the Chemical & Biomolecular Engineering opportunity website (http://www.che.udel.edu/biz/OppIndex.html), so be sure to check it regularly.