

## **CHEMISTRY CAREER NEWSLETTER (12/20/17)**

### **JOB INFO**

**Short Term Post-Doc Position:** Six month postdoc position in the Gopalan group starting Jan 1, 2018. Supramolecular polymerization studies. Expertise required in organic synthesis of small molecules and oligomers, and in common chemical characterization techniques. The project will expand into characterization of assembled structures to study the morphology and further fine tune the building blocks. Interested? Contact Prof. Gopalan ([pgopalan@wisc.edu](mailto:pgopalan@wisc.edu) or 608 265 4258).

**The American Chemical Society Journal, Biochemistry:** Looking for a recent Ph.D. graduate for a coordinating editor position at Yale University in New Haven, CT. The individual will be working with Yale professor and Biochemistry editor-in-chief [Alanna Schepartz](#). Ideal candidate should be highly self-motivated and willing to propose new projects for growing and promoting the journal. See job post [here](#). Questions? Contact Brian McCarthy, current Biochemistry Coordinating Editor ([eic@biochem.acs.org](mailto:eic@biochem.acs.org))

**Amgen (Cambridge, MA):** Looking to fill two entry-level Ph.D. positions in process chemistry. Apply [here](#). Candidates should also contact Jason Tedrow ([jtedrow@amgen.com](mailto:jtedrow@amgen.com)) directly for more information.

**PPD GMP Laboratory (Madison, WI):** Looking to fill several full-time scientist positions. Students recruited will gain exposure to a diversity of compounds either currently in clinical trials or already approved for market from key pharmaceutical clients. See attachment. Questions? Contact Danielle Kane ([Danielle.Kane@ppdi.com](mailto:Danielle.Kane@ppdi.com)) or Mandy McNeely, Senior Recruiter ([Mandy.McNeely@ppdi.com](mailto:Mandy.McNeely@ppdi.com)).

### **SEMINARS/WORKSHOPS**

**Everything is Negotiable-Recorded Webinar:** Recording of webinar by Emily Backe from the University of Chicago. Watch [here](#).

**Career Development Videos:** Videos from the University of Illinois about various career development topics including interview preparation, negotiation strategies, and answering interview questions. Watch [here](#).

**BIO International Convention:** Jun 4-7, 2018, Boston, MA. The BIO International Convention is hosted by the Biotechnology Innovation Organization (BIO), which represents more than 1,100 biotechnology companies, academic institutions, state biotechnology centers and related organizations across the United States and in more than 30 other nations. Networking outside your research group is crucial for understanding the industry and meeting employers. BIO 2018 is one of the best opportunities to develop your network. Learn more [here](#).

**Workshop on Leadership in Bioscience:** March 23-26, 2018, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY. Apply by Jan 31. Highly interactive 3.5 day workshop in which you will develop the skills necessary to lead and interact effectively with others, in both one-on-one and group settings. The workshop will focus on techniques, situations, and challenges that relate specifically to leading and managing in the scientific workplace. It will emphasize learning by doing and will involve role playing, giving and receiving feedback, and group problem solving. Learn more [here](#).

### **GRANTS**

**Travel Grants:** Apply by Friday, Jan 15 @ 5:00pm. The UW Schrag Committee will offer grants designed to fund travel (conference or research related) for pre-dissertator graduate students in the chemistry department at UW. The funds can be applied for travel between February-August 2018.

**Professional Development Programming Grant:** Apply by Jan 16. The Graduate School Office of Professional Development is accepting requests for funding from graduate student organizations that intend to host professional development programming for graduate students in the spring 2018 semester. Read more [here](#)

**Wisconsin Space Grant Consortium (WSGC) Student Funding Programs:** Apply by Feb 5. Learn more [here](#). Questions? Contact Christine Bolz, Assistant Director (262.551.2120, [cthompson2@carthage.edu](mailto:cthompson2@carthage.edu))

**Ruth Dickie Award:** Apply by Jan 22. Need some extra funding for your research? Consider applying for a Ruth Dickie Scholarship (up to \$3000) or Grant-in-Aid (\$500). Check [our website](#) for more information about the scholarships, application materials, and guidelines for writing a great proposal. Any GWIS Beta Chapter member is eligible! Apply [here](#).

## **FELLOWSHIPS**

**The L'Oréal USA for Women in Science Fellowship Program:** Apply by Feb 2. See more [here](#).

**American Association for the Advancement of Sciences (AAAS) Mass Media Science & Engineering Fellows Program:** Apply by Jan 15. This highly competitive program strengthens the connections between scientists and journalists by placing advanced undergraduate, graduate, and post-graduate level scientists, engineers and mathematicians at media organizations nationwide. The Mass Media Fellows use their academic training in the sciences as they research, write and report today's headlines, sharpening their abilities to communicate complex scientific issues to non-specialists. Apply [here](#).

## **Courses**

**Center for the Integration of Teaching, Learning and Research (CITRL). Spring 2018 Online Courses.** See more [here](#).

- Diversity I the College Classroom
- The College Classroom
- Research Mentor Training
- Engaging Students in the Teaching of Statistics
- CIRTL Reads Journal Club

**Thrive at UW Madison:** Courses designed to help you discover skills, knowledge, and abilities that allow you to uniquely contribute to your team and/or organization. Upcoming workshops: See more [here](#).

- Building and Managing Work Relationships
- Communicating Effectively in the Workplace
- Creating Inclusive Environments
- Enhancing Well-Being with Self Knowledge

- Exploring Creativity and Innovation
- Knowing the UW
- Thriving in a Time of Change

**Computational Materials Science, MSE 803 Mesoscale Methods:** The MSE department has identified the students in Mechanical Engineering, Engineering Physics, Chemical Engineering, Chemistry and Geoscience as likely having interest in the course! This will be a great opportunity to learn basic and applied science of multiscale simulations. See attachment.

**Oncology 675: Purification and Characterization of Proteins and Protein Complexes:** The goals of the course are to introduce the most important and useful concepts of protein purification and handling, 2) to help students to develop an intuition about how to work with proteins- so that they can "think like a protein", 3) to introduce useful, modern tools for characterizing protein structure and function, and 4) to guide students to ongoing sources of information and resources. See attachment.

**LSC 875: Science & Social Media:** This graduate seminar will explore how social media are impacting science as an institution and analyze how these changes are affecting the production of scientific knowledge, public attitudes toward science, and scientist as a profession. Students will actively participate in social media settings, become familiar with the most recent scholarly literature on science and social media, and learn how to communicate effectively about science in new media environments.

**Molecular Solids, Pharmaceutical Sciences 773:** Professor Lian Yu. Molecular solids are important materials in medicine, food, energetic materials, and organic electronics. Molecular solids have strong intramolecular bonds but weak intermolecular forces; the molecules in these materials are usually non-spherical, chiral, and flexible. As a result, molecular solids are fundamentally different from traditional hard materials, with their own interesting phenomena. This course describes the structure, dynamics, and transformation of molecular solids.

## **MISC**

Donations for L&S Career Closet: Our goal is to provide our first generation, historically underrepresented, and students with financial need an opportunity to access professional and business casual attire for interviews, career fairs, networking events, and internships. You can drop off items at SuccessWorks between 8:30am – 4:30 pm, Monday - Friday on the 3<sup>rd</sup> floor of the Bookstore (711 State St).