February 29, 2016 – Happy Leap Day!
Please follow us on Facebook & Twitter!

Events This Week
1. Virtual Career Fair 3/2 – registration required!

Events Next Week
2. WU Postdoc Society Meeting 3/7
3. CIRTL March Events 3/8+
4. CRTC Career Development Seminar: Teams 3/8
5. Partek Flow workshop on campus 3/10
6. Time Management 3/10
7. BEC Round Table at Venture Cafe STL 3/10

Future Events
8. PyMOL software training workshop 3/15
9. Professional Impact: Enhancing the Visibility of Your Research
10. KGI Pathways to the Life Science Industry Webinars 3/15
11. Career Talk: University Careers Beyond the Lab 3/17
12. WUPS Coffee Hour 3/21
13. Small Group PowerPoint Workshop 3/22 – registration required
15. Inaugural Midwest Regenerative Medicine Meeting 4/3-4
16. NSPG Congressional Visit Day
17. Missouri Academy of Science 2016 Annual Meeting - Call for Papers – due 3/7!

Fellowships, Awards & Contests
18. WU OTM Internship Program
19. Japan Society for the Promotion of Science Postdoctoral Fellowship Opportunities
20. ASCB-KGI Week-Long Management Training Course
21. Science Writing Internship
22. Journal of Science Policy & Governance Seeking Submissions
23. Call for Nominations: AWN Mentor & Student Awards
24. Call for Nominations: Alene and Meyer Kopolow Award for Geriatrics, Psychiatry, and Neurology

FYI
25. Partek Flow Software Group License Now Available to the WUSM Community
26. Federal Statistical Research Data Center

SAVE THE DATE
12th Annual Postdoc Symposium: March 31, 2016
Registration is now open! The entire University community is invited to attend.
https://docs.google.com/forms/d/1LEcME_o5-POC0ElEQjLGr9t83L7EljaryKL_G0gg/viewform
Keynote speaker: Adam Ruben, Ph.D., http://adamruben.net
Postdoc speakers will be announced soon!

1. Virtual Career Fair
Students & postdocs of Washington University are invited to participate in the Ph.D. and Master’s Virtual Career Fair sponsored by the Graduate Career Consortium!
March 2, 2016, 9am – 6pm, but some employers are only online at certain times – please check the schedule!
Put your degree to work in a new job. Save Time and Meet Recruiters Live Online. Interact via live chat session and meet top-notch employers seeking candidates with advanced degrees.
Register now at www.CareerEco.com/events/GradTalent

2. WU Postdoc Society Meeting
Monday, March 7, 2016 at 12noon, FLTC 210
The WU Postdoc Society is actively seeking members!! If you are interested in getting involved in the WU Postdoc Society, please join us on the first Monday of the month at 12:00pm in FLTC 210. All postdocs are welcome - we hope to see you there! If you have any questions, please contact Nelly Joseph-Mathurin at n.joseph@wustl.edu.
Sponsored by the Wash U Postdoc Society

3. CIRTL March Events
CIRTL is the Center for the integration of Research, Teaching and Learning. http://www.cirtl.net
Committed to advancing the teaching of STEM Disciplines in higher education.
CIRTLcast Series: Creating an Inclusive STEM Research Environment
March 9, 2016, 12PM CT: Creating an Inclusive Research Environment – Overview
March 16, 2016, 12PM CT: Creating Inclusive STEM Research Labs in Engineering
March 23, 2016, 12PM CT: Creating Inclusive STEM Research Labs in Biology
March 30, 2016, 12PM CT: Creating Inclusive STEM Research Labs in Chemistry
April’s topic: Creating an Inclusive STEM Teaching Environment
CIRTL Reads, March 8, 2016, 1PM CT, Laboratory Pedagogies and Collaborative Learning
Teaching in the US, March 10, 2016, 11AM CT, Using Your International Background to Your Advantage in the Classroom

4. CRTC Career Development Seminar - Teams
Clinical Research Training Center - Career Development Seminar Series
Building and Working in Effective Teams
Tuesday, March 8, 2016, 2:30 - 4:00 p.m.
Wohl Hospital Building (map), Wohl Auditorium, Lower Level
Presentation by:
Steven B. Miller, MD, Senior Vice President, Chief Medical Officer, Express Scripts, Inc.
No RSVP required, free and open to all.
Evolving healthcare will require a dramatic cultural shift. This presentation will provide tools to move us down the path of patient centered healthcare through the use of team providers.
For more information, please contact Jen Mosher, jmosher@dom.wustl.edu, or Julie Headrick, jheadric@dom.wustl.edu.

5. Partek Flow workshop on campus
Partek Flow is a web-based software application with an easy-to-use graphical interface designed specifically for the analysis of next generation sequencing data including RNA, small RNA, and DNA sequencing data. To honor requests from Researchers on campus, Becker Library recently purchased a Partek Flow group license for the WUSM community. The WUSM Partek Flow license is installed on the WUSM Center for High Performance Computing cluster and managed by Becker Library. Partek provides free onsite training sessions at WUSM each year as part of our group license. To kick off the new Flow license, a Field Application Scientist from Partek will lead a full day Partek Flow hands-on workshop, on March 10, 2016 for the analysis of RNA-Seq and DNA-Seq data. This workshop will run from 9:30am-3:30pm in the computer classroom in Farrell Learning and Teaching Center (FLTC Room 602), with the following agenda:

Morning session (Hands On: Analysis on RNA-Seq Data)
The morning session will start with a hands-on session to learn how to analyze RNA-Seq data. Topics will include how to use statistical tests to identify differentially expressed transcripts and alternative spliced genes among sample groups, how to generate a list of genes of interest and identify high level biological trends using Gene Ontology. The workshop agenda includes: Import data (fastq, bam, text format), Perform QA/AC (Pre-alignment QA/AC, Post-alignment QA/QC), Trim bases, Alignment, Gene/transcript abundance estimate (E/M), Differential expression detection (GSA, ANOVA), Filter gene list, GO Enrichment Analysis, Visualization (Quality score distribution, Base composition, PCA scatterplot, Dotplot, Volcano plot, Hierarchical clustering, Chromosome view).

Afternoon Session (Demo: Integration of RNA-Seq with Microarray Gene Expression Data; DNA-Seq Data Analysis Pipeline; Q&A): The afternoon session will start with the integration of RNA-Seq and Gene Expression Microarray data in Partek Flow, followed by a live demo on the DNA-Seq Data Analysis pipeline and end with a Q&A session.
This training is free and open to the Washington University community. Registration is required. To register for the workshop, please complete the workshop registration form. If you have questions, contact Maze Ndonwi at ndonwimaze@wustl.edu or 314 362 4737.
6. Time Management
Thursday, March 10, 2016, 11am, Holden Auditorium
Effective time management can help you achieve your goals and live a more balanced life. In this interactive workshop with DBBS/OPA Education Coordinator, Jessica Hutchins, Ph.D., you will learn how to diagnose time management errors, set realistic goals, and avoid hidden time costs. You will have the opportunity to assess your current time management practices, prioritize tasks according to their importance, and make a plan to stop procrastinating.
Register and more info: http://dbbs.wustl.edu/Resources/Pages/calendar_event.aspx?EvID=4370

7. BEC Round Table at Venture Cafe STL
March 10, 2016, 5:00pm, Chuck Berry Room, 4240 Building [CORTEX]
Join the BEC Roundtable discussion on retaining scientific talent in the city of St. Louis. We will be at Venture Cafe STL, a melting pot for innovation, collaboration and serendipitous collisions! More info soon - RSVP here!

8. PyMOL software training workshop
Becker Library is pleased to announce that a Trainer from Schrodinger will lead two sessions of hands-on training for PyMOL software. This training will occur on March 15, 2016 at a cost of $25 per attendee per session. The morning session focuses on introduction to PyMOL, including PyMOL terminology, and lead up into creating sessions and basic command line usage and will run from 9:30am-until noon. The afternoon session focuses on movie making in PyMOL and will run from 1:30pm until 4pm. All sessions of the PyMOL workshop will occur in the computer classroom in Farrell Learning and Teaching Center (FLTC Room 602), with the following agenda:

**Agenda: Morning session**
This workshop is hands-on and will begin with an introduction to PyMOL and then focus on navigating through the interface, adjusting view and representation of molecules, saving images, measurements, creating sessions, sequence viewer, understanding selections, scenes & shows and simple command line usage.

**Agenda: Afternoon session**
This workshop is hands-on and will begin with an overview on Moviemaking with PyMOL, then focus on independent object motions, visualizing MD trajectories and generating molecular morphs.
This PyMOL training workshop is open to the WU community and costs $25 per attendee per session. Registration is required. To register for the workshop, please complete a registration form below for the session(s) you would like to attend.
[Registration form for the morning session](#)
[Registration form for the afternoon session](#)
To attend both sessions, complete the two registration forms. Do you have questions about the workshop or about making the payment? If so, contact Maze Ndonwi at ndonwimaze@wustl.edu or 314 362 4737

9. Professional Impact: Enhancing the Visibility of Your Research
Tuesday, March 15, 2016, 12noon – 1pm, Schwarz Auditorium (detailed map)
Taught by Becker Librarians Cathy Sarli, Amy Suiter and Mychal Voorhees
This session will cover various strategies for participants to consider as they undertake research activities. The strategies are divided into three categories: Preparing for Publication, Dissemination, and Tracking Your Research. After attending this session, participants will be able to better understand tools and approaches that can be used to promote discoverability and access of research findings.
Sponsored by the Office of Faculty Affairs

10. KGI Pathways to the Life Science Industry Webinars
The Keck Graduate Institute (KGI) is delighted to invite you to attend our Pathways to the Life Science Industry Webinars. Many PhDs could use practice in the development of advanced cognitive skills and broadened perspectives to effectively contribute in the life science industry. In this webinar series, we present examples of career pathways as we emphasize the integration and application of knowledge regarding products, processes, the regulatory environment, intellectual property, the markets, and financial matters.
Don't miss these unique opportunities to learn about the careers in the life sciences industry that leverage your unique scientific training and place you on a trajectory to leadership.

**March 16, 12:00 - 12:00 p.m.-1:00pm EST (9am-10am PST)**
Careers in the Life Science Industry
*Steve Casper, Ph.D., Dean of the School of Applied Life Sciences, Keck Graduate Institute, Claremont, CA*
Register Now: https://attendee.gotowebinar.com/register/546303719542196226

**April 6, 12:00 – 12:00 p.m.-1:00pm EST (9am-10am PST)**
11. Career Talk: University Careers Beyond the Lab
March 17, 2016 at 1:30pm, Holden Auditorium
Do you want to work at a university but aren’t sure that the lab is right for you? Explore the range of university positions for Ph.D.s beyond the lab and the classroom. Join us for a Career Talk with Jennifer Elam, Ph.D., Outreach Coordinator, Human Connectome Project, Deborah Frank, Ph.D., Scientific Editor, Department of Obstetrics and Gynecology and Leanne Stewart, Ph.D., Manager, WUSM Employee Relations. Please register at http://dbbs.wustl.edu/Resources/Pages/calendar_event.aspx?EvID=4365.

12. WUPS Coffee Hour
Interested in teaching experience during your postdoc? Please join us for the Postdoc Coffee Hour on Teaching Skill, Monday March 21st from 9 to 10am in FLTC room 213. Drs. Chad Rogers and Jessica Williams had teaching experience during their postdoc they will be glad to share with you! Coffee and breakfast snacks will be served! RSVP at http://goo.gl/forms/o1qsnsIEIt

13. Small Group PowerPoint Workshop
PowerPoint Workshop with Steve Pijut, Associate Director of the Writing Center
Tuesday, March 22, 1:30-3:00pm, FLTC 203
Materials for participants to bring: laptop or other device loaded with an in-progress PowerPoint presentation.
Successful speakers know that practice and revision are essential for delivering memorable and effective presentations. This revision includes careful attention to the design and appearance of their slides. This small workshop is a companion to the February 25 general PowerPoint workshop. Participants should bring their in-progress work—whether a future presentation, or a past work that they are revising. This workshop is an opportunity to get feedback on the clarity, readability, and effectiveness of your slides. Participants will share their slides with the group, and receive feedback from their peers and from a Speaking Studio tutor. So that each student can have time to receive feedback, participation is capped at six. ***Space is limited in this workshop and registration is required. Please contact Jessica Hutchins at jhutchins@wustl.edu to register.***

14. AWN Brown Bag: Internal Competitions
Tuesday, March 29, 2016, 12:00-1:00, FLTC 213
The Academic Women’s Network invites you to a Brownbag Discussion: "Demystifying Internal Competitions for Young Investigators" with guest speakers Dr. Susan Dutcher & Dr. Erik Herzog.

15. Inaugural Midwest Regenerative Medicine Meeting
Registration is now open for the Inaugural Midwest Regenerative Medicine Meeting! http://devbio.wustl.edu/MRMM/index.html
April 3-4, 2016 at Allerton Park & Retreat Center, Monticello, IL
Only $50 for students and postdocs, $75 for faculty (INCLUDING HOUSING). Many opportunities for talks, posters, and networking. We strongly encourage postdocs to attend! Early registration ends March 6 and the entire meeting is limited to 115!

16. NSPG Congressional Visit Day
Join ProSPER’s National Science Policy Group for their 2016 Congressional Visit Day, April 12-14, 2016 in Washington, D.C. ProSPER has some funds to help send one of our members to this great event. Click here to let us know of your interest!
ProSPER: Promoting Science Policy, Education, and Research https://gradpages.wustl.edu/prosper

17. Missouri Academy of Science 2016 Annual Meeting Call for Papers
The Missouri Academy of Science requests proposals for oral and poster presentations for the Annual Meeting to be held at Lincoln University, Jefferson City, MO on April 22-23, 2016. Undergraduate students, graduate students, postdoctoral scholars/fellows, faculty, and professionals are invited to submit abstracts in all fields of science, including agricultural science, atmospheric science, behavioral science, biochemistry, biological sciences, biomedicine, biotechnology, chemistry, computer science, conservation, engineering, geography, geology, geosciences, mathematics, physics, science education, and social sciences.
The deadline for abstract submission is Monday, March 7, 2016. Abstracts will not be accepted after this date. Online abstract submission, online meeting registration, and additional meeting information are located at the MAS website: http://www.missouriacadsci.org.

Also, please visit our Facebook page: https://www.facebook.com/missouriacadsci to see pictures from previous Annual Meetings. “Like“ the page to receive updates on the 2016 Annual Meeting.

Make sure to mark your Calendars and note the firm abstract deadline. Please feel free to forward this to other interested colleagues in biology.

Hope to see you at the next MAS meeting April 2016!

Nicholas A. Pullen, Ph.D., Assistant Professor of Biology, William Woods University

Biological Sciences Section Chair

18. WU OTM Internship Program
The WU Office of Technology Management (OTM) Internship Program offers current WUSTL graduate students and post-doctoral trainees the opportunity to work with the OTM’s business development team and identify potential partnerships for product development. Typical projects include assessing the commercial viability of new inventions, identifying potential licensees or investors, developing marketing materials, and analysis of patent literature. Paid interns work up to 10 hours per week for a six month period. Click here for more information and to apply: https://otm.wustl.edu/educational-opportunities/internship-opportunities

19. Japan Society for the Promotion of Science Postdoctoral Fellowship
The Japan Society for the Promotion of Science (JSPS) is offering short-term (1-12 month) postdoctoral fellowships in Japan. Applicants must be citizens or permanent residents of the US, and must have received their doctoral degree outside of Japan within the last six years. For more details, please visit http://jpsusa.org/wp/fellowship/short-term.
Deadline: April 15, 2016

20. ASCB-KGI Week-Long Management Training Course
July 11-16, 2016, Claremont, CA
Applications Due by April 15
The American Society for Cell Biology (ASCB), in partnership with the Keck Graduate Institute, is offering a one-week intensive management training course from July 11-16, 2016, at the Keck Graduate Institute in Claremont, CA. This course will accommodate 50 graduate students and postdocs (international and domestic). The course registration fee is $300, with an additional, optional accommodations package of $500.

The course will introduce PhD scientists to the skills they need to thrive in industry and will expose them to the culture, organizational structures, and practices of life science companies through MBA-style case-based classroom experiences, networking, professional development workshops, and a team-based project. They will learn how academic science is commercialized and gain insight into the way industry views scientific research. The course is designed for advanced graduate students with at least three years of research experience and for postdocs.

The deadline to apply is April 15. The application is straightforward, and the only stipulation is that applicants must be or become an ASCB member. Click here for more information and to apply.

21. Science Writing Internship
The Genetics Society of America journals, GENETICS and G3: Genes|Genomes|Genetics, seek an intern with a talent for storytelling and a strong background in genetics or a related scientific field. The intern will work closely with editorial staff to write posts for the Genes to Genomes blog http://genestogenomes.org and contribute to other writing, outreach, and communications tasks as needed. You must be an excellent writer and a fast learner. This paid internship is for 10 hours a week for 12 weeks and you will be telecommuting.


22. Journal of Science Policy & Governance Seeking Submissions
The Journal of Science Policy & Governance (JSPG) is seeking submissions from students and young scholars covering every corner of current science, technology & innovation policy debate.

JSPG is an interdisciplinary, peer-reviewed research journal that seeks high-quality submissions on emerging or continuing science policy debates worldwide. Current students (undergraduate or graduate) and recent graduates within three years of earning a degree (bachelor’s, master’s, or doctoral) are eligible to submit.
Details here: Sciencepolicyjournal.org/submit-to-jspg.html

The Journal publishes articles on a variety of areas including, but not limited to:
Scientific research, engineering, innovation, technology transfer, commercialization, data science, bio-medicine, drug development, government-university-industry interfaces, food science, geo-science, science diplomacy, energy, management of science, the environment, climate change, the application of technology in developing countries, STEM education, and space exploration. Other topics welcome as long as they relate to the broader theme of science policy and governance.
Read previous issues and learn more about the Journal's advisory board, editorial board and staff on our website at sciencepolicyjournal.org. Follow the Journal on Twitter, Facebook and LinkedIn to be alerted of science policy job and internship opportunities, news and events and future call for papers/editors.

23. Call for Nominations: AWN Mentor & Student Awards
Nominations for the 2016 WU Academic Women’s Network (AWN) Student Leadership Awards and the 2016 AWN Mentor Award are now being accepted. The awards will be presented at the AWN spring dinner on May 5, 2016.
Details about the nomination process and the spring dinner (with guest speaker Katrina Armstrong, Physician-in-Chief of the MGH Department of Medicine) can be found on the AWN website: awn.wustl.edu
Nominations and questions should be submitted to Sarah Hartz, AWN secretary, hartzs@wustl.edu.
Nominations must be received by March 15, 2016.

24. Call for Nominations: Alene and Meyer Kopolow Award for Geriatrics, Psychiatry, and Neurology
The purpose of this award is to recognize stellar contributions to the care of older adults by a resident, post residency fellow, or junior faculty member in Neurology, Psychiatry, Medicine or related disciplines with experience on the geriatric services of Barnes-Jewish Hospital at Washington University Medical Center or at associated outpatient facilities, including Barnes-Jewish Extended Care. The award is not restricted to individuals with a medical degree (MD or DO). Nominees should demonstrate achievement in at least one of the following areas of geriatrics: direct patient care; didactic learning exercises or rounds, conferences, or national and international meetings; and in patient-oriented or basic research that address aging-relevant issues.
Recipients receive a formal announcement of the award, a plaque, and $3,000 award money for professional development endeavors including conference-related fees and travel expenses, books, journal subscriptions, field- or research-related software/hardware, etc.
The award is supported by the Foundation for Barnes-Jewish Hospital from the Alene and Meyer Kopolow Fund for Geriatrics, Psychiatry and Neurology and is presented by the Harvey A. Friedman Center for Aging at the Friedman Lecture.
Deadline is March 18.

25. Partek Flow Software Group License Now Available to the WUSM Community
Becker Library and the Center for High Performance Computing (CHPC) are pleased to announce that a group license agreement for Partek Flow has been finalized and the application is now available on the CHPC cluster to the WUSM research community. Partek Flow is a web-based software application designed specifically for the analysis of next generation sequencing data including RNA, small RNA, and DNA sequencing data with an easy-to-use graphical interface.
WUSM researchers can purchase a user login for their lab at a discounted price of $3,000 per year. Using a shared, concurrent license model the group license agreement provides labs with a 15% discount off Partek’s standard annual fee. Each login will be allocated 250GB of space on the cluster for uploading data and creating custom analysis pipelines utilizing the processing capabilities and security available through the CHPC.
Check out our Partek Flow information page for more details. To register your lab, please complete the Partek Flow license registration form. If you have any questions, please contact Maze Ndonwi at ndonwimaze@wustl.edu or 314 362 4737.

26. Federal Statistical Research Data Center
The Washington University Libraries are pleased to announce that WU is now a member organization of the University of Missouri Research Data Center (MU RDC). The MU RDC is part of the Federal Statistical Research Data Center program and provides a secure environment where researchers have access to confidential and restricted-use data for research in many areas, including economics, sociology and public health. This membership is in complement to the various administrative data centers on campus, including the Center for Administrative Data Research (CADR), the Center for Health Economics and Policy, among others.
For the first year of our membership, there is no cost for WU faculty to access and use the MU RDC at the University of Missouri, Columbia.
We will be hosting a number of presentations in the coming months to allow WU researchers to learn more about data availability and access procedures from a variety of data providers.
Please join us for the first of these workshops conducted by MU RDC and WU CADR delegates about the availability of health data and access procedures on February 23, 2016 at one of two locations (Registration is recommended - wustl.libcal.com/calendar/libevents/):

**10:00 am - Medical School campus - Farrell Learning & Teaching Center (room 213)**
**1:00 pm - Danforth campus - Hillman Hall (room 370)**

Additionally, if you have an interest in meeting one on one with delegates from CADR or MU RDC, we’re happy to arrange a meeting.

Health data of interest includes, but is not limited to:

- **National Center for Health Statistics** - Restricted Use Datasets
  - National Health Care Surveys
  - NCHS Data Linkage Activities
  - National Health and Nutrition Examination Survey (NHANES) Restricted Variables
- **Agency of Healthcare Research and Quality**
  - Non-Public Use Data Elements: These are data elements from questionnaires that are not directly identifiable data, but have yet to be edited or released, i.e., asset information and imputed NDC codes.
  - Household Component–Insurance Component Linked File

All the best,
WU Libraries RDC working group

Don’t forget to check out the DBBS Jobs Board at [http://dbbs.wustl.edu/jobs](http://dbbs.wustl.edu/jobs). We have posted Career positions and postdoctoral positions both at WU and elsewhere. The board is self-service, so feel free to post jobs, or forward the site to others who may want to post a job.

**We are on Facebook & Twitter!** The audience for both accounts is current WU postdocs but they are open anyone, so please like our FB page and follow us on Twitter! We’ll be posting info about OPA & WUPS events and Career Center activities as well as other events and items of interest to postdocs. You can find us at:

- **Facebook**: [https://www.facebook.com/OPA.WUSTL](https://www.facebook.com/OPA.WUSTL), Washington University Office of Postdoctoral Affairs
- **Twitter**: @WUSTLPostdoc, WUSTL Postdoc Office [http://twitter.com/wustlpostdoc](http://twitter.com/wustlpostdoc)

We also have a [Linkedin Group](https://www.linkedin.com/groups?home&gid=18747627) for current & alumni postdocs – [Washington University in St. Louis Postdocs](https://www.linkedin.com/groups?gid=18747627) - please join if you haven’t already. This is a private group for career development and networking and is meant to help postdocs keep in touch, especially after they complete their postdoc.

*This newsletter was created for STEM (Science, Technology, Engineering and Math) Postdoctoral Appointees at Washington University. You have received this email because you have been identified as a postdoc or other associated with postdoc functions. If you have questions, please contact Mary Bradley at bradleym@wustl.edu or 362-2591.*