September 12, 2016
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***ATTENTION: Starting today, the Postdoc Update newsletter will be distributed on a bi-weekly basis. Please send event information well in advance and check OPA social media for more timely announcements.

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1. Skandalaris Center Public Health Challenge
Washington University in St. Louis’s Skandalaris Center for Interdisciplinary Innovation and Entrepreneurship and Institute for Public Health are partnering to host an immersive Public Health Challenge where multidisciplinary teams of students will develop social and commercial venture concepts that reduce gun violence in St. Louis.
Student teams will be formed following an ideation session on Friday night. As the weekend progresses, the teams will network with experienced advisors, mentors, and community members to move their ideas forward. The most promising ventures will be refined into sustainable business plans with potential for scale-up funding and long-term mentoring. **A total of $2,225 in awards will be given away.**

Whether your idea is considered “for profit” or “for impact” – or both – there is a place for it to be advanced through the Public Health Challenge.

**When:** September 16-18, 2016  
**Where:** Washington University in St. Louis  
**Register** [here](#) by September 12th!  
**For more information, contact Poli Rijos, Project Coordinator for the Gun Violence Initiative: prijos@wustl.edu.**

### 2. CIRTL Fall Workshops & Courses

**Teaching with Technology**

*On Tuesdays starting Sept. 13.*  
Weekly online meetings at 3-4:30PM ET/2-3:30PM CT/1-2:30PM MT/12-1:30PM PT  
Learn how to enhance your STEM teaching with a range of classroom technologies in this seminar-style class taught by instructors from Northwestern University and the University of Maryland, College Park. (1 credit - optional)

**Creating Assessments and Evaluation Plans**

*On Tuesdays starting Sept. 13.*  
Weekly online meetings at 12-1:30PM ET/11AM-12:30PM CT/10-11:30AM MT/9-10:30AM PT  
Learn and develop effective techniques to assess what your students are actually learning in this class taught by instructors from University of Pittsburgh. (0 credits)

**Diversity in the College Classroom: Teaching the STEM Undergraduate**

*On Thursdays starting Sept. 29.*  
Weekly online meetings at 11AM-12:30PM ET/10-11:30AM CT/9-10:30AM MT/8-9:30AM PT  
Develop inclusive teaching practices to support all STEM learners in this class taught by instructors from Vanderbilt University and Rice University. (1 credit - optional)

**An Introduction to Evidence-Based Undergraduate STEM Teaching (MOOC I)**

This 8-week MOOC begins mid-September  
Learn the basics of evidence-based instruction in this MOOC, taught by faculty across the CIRTL Network. Unlike the rest of our cross-Network activities, the MOOC is entirely asynchronous, meaning students can work independently throughout the 8-week course. Go to [http://stemteachingcourse.org](http://stemteachingcourse.org) to read more. (0 credits)

**Advancing Learning through Evidence-Based STEM Teaching (MOOC II)**

This 8-week MOOC begins mid-September  
Learn how to develop your own evidence-based instructional approaches in this 8-week, asynchronous MOOC taught by faculty from across the CIRTL Network. Go to [http://stemteachingcourse.org](http://stemteachingcourse.org) to read more. (0 credits)

### 3. Burroughs Wellcome Fund Career Awards for Medical Scientists (CAMS) Program Q&A

An informational Q&A session, led by previous Burroughs Wellcome Fund CAMS program recipients, will be held on **Tuesday, September 13th from 1 PM to 2 PM** in the BJCH Conference room 10AB.  
This program provides $700,000 over five years for physician-scientists who are committed to an academic career, to bridge advanced postdoctoral/fellowship training and the early years of faculty service.  
For program details, please see [http://www.bwfund.org/grant-programs/biomedical-sciences/career-awards-medical-scientists](http://www.bwfund.org/grant-programs/biomedical-sciences/career-awards-medical-scientists).  
The Q&A session is intended to help prospective applicants understand the goals of this award program and learn how to prepare a successful application.  
**Application Deadline:** October 3, 2016  
Questions may be directed to Deepa Srikanta (srikanta@wustl.edu).

### 4. PERCSS - RCR Workshop

Program for the Ethical and Responsible Conduct of Science and Scholarship, Lunch will be provided.  
**Wednesday, September 14, 2016, 11:30 a.m. - 4:00 p.m., North Medical Building, Moore Auditorium**

This workshop will feature presentations on WUSTL policies and procedures related to the responsible conduct of research (RCR) as well as case study sessions facilitated by WUSTL. These small-group discussions will address important issues related to research integrity and peer review. All members of the WUSTL community who are actively engaged in research and interested in RCR are welcome to attend and participate. It is highly recommended for postdocs, career award recipients, and other junior research team members.

**How to Register**

Registration is [required](#) by September 12.  
1. Click on this [PERCSS Ethics Event](#) link to Learn@Work.  
2. Click the green “Enroll” button.  
3. A registration confirmation box will appear indicating you have registered. Click close (or print, if desired).
4. Your Learn@Work training plan will now indicated you are registered for RE - PERCSS Ethics Event (on your ME Page).

5. GlobalHack IV Info Session 9/14
Wednesday, September 14, 5:30 pm, Skandalaris Center, Mallinckrodt 128
Learn about this year’s $1 Million Challenge, enter a drawing for tickets to the event, free food provided!
GlobalHack brings together developers, designers, entrepreneurs, and technologists to build innovative software solutions that solve real-world problems. Teams will compete for $1 million in cash prizes. This year’s challenge will be focused on solving issues of homelessness.

6. Boston Consulting Group Advanced Degree Candidate Recruiting 9/15
Summer is Advanced Degree Candidate (ADC) recruiting time and BCG is now hiring!
Tauseef Charanya, Ph.D.—our ADC specialist and a Washington University alumnus—will be on campus on Thursday, September 15th, between 2:00 – 3:30PM at the Farrell Learning and Teaching Center (FLTC), Room 207 so feel free to stop by and chat with him while asking any questions you may have. Snacks and beverages will be provided! Please also check out our website (careers.bcg.com) to learn more. Don't hesitate to reach out to Samantha White if you have any further questions as she manages recruiting for Washington University advanced degree students. BCG is looking forward to getting to know you!

7. Postdoc-PI Happy Hour 9/19
Mark your calendars! The annual Postdoc-PI Happy Hour, in the context of the Postdoc appreciation week, will be Monday September 19th from 4:30pm to 6:00pm in FLTC Hearth. Please tell your PI to join the party!
Event sponsored by the OPA and the WU Postdoc Society (WUPS)

8. Evidence-Based Entrepreneurship Workshop Series – starts 9/19
Learn the art and science behind entrepreneurship!
Mondays 12:00-1:30 pm @ the Wash U Med School Molecular Microbiology Seminar Room, 8th floor McDonnell Pediatrics Research Building. See the complete schedule at http://icts.wustl.edu/icts-researchers/news-events/2233.
Questions/RSVP: crtc@dom.wustl.edu

We’re celebrating the grand opening of our new co-working space with a week of festivities that help you connect with your creativity!
- Monday 9/19, 4:30-6pm: Connect with Creative Groups
- Tuesday 9/20, 12-1pm: Connect with Creative Programs
- Wednesday 9/21, 7-8pm: Connect with Creative Solutions
- Thursday 9/22, 3-5pm: Connect with Creative Activities
- Friday 9/23, 9-10am: Connect with the Creative Community

10. Structuring Opportunities for Active Learning During Lectures 9/20
Tuesday, 9/20, 2016, 11:30 AM-1:00 PM
Danforth Campus, TBA
Presenter: Denise Leonard, Ph.D., Assistant Director
In this workshop offered by the Washington University Teaching Center, Participants will learn strategies for transforming lectures by integrating opportunities for active learning. This is a foundational workshop for the WU-CIRTL program. This workshop is open to Washington University graduate students beyond their first year and postdoctoral appointees in STEM, and is part of the STEM Pedagogies series. Registration for this workshop will open on Tuesday, September 6, 2016. Participating in advanced-level workshops for graduate students does not satisfy departmental requirements to attend introductory-level Teaching Center workshops. The departmental requirements are satisfied by participation in TA-Training workshops.
More info: https://teachingcenter.wustl.edu/events/2016-0920-active-learning/

Washington University in St. Louis is home to some of the top researchers in the world. But these scientists need your help: Do you have what it takes to make their high-level research understandable and accessible to the masses? Register for an info session to learn more | Pizza provided

12. ProSPER Happy Hour 9/22
Llywelyn’s Pub in Central West End. We’ll provide apps and the 1st round of drinks!
The School of Medicine will host Communicating Science 2016, a four-day symposium from September 26-29, at the Eric P. Newman Education Center that brings together a series of instructional workshops and presentations focused on communication challenges facing today’s scientists. The symposium will include presentations on the topic of science communication led by WUSTL specialists and an interactive plenary hosted by the Alan Alda Center for Communicating Science. The plenary will be led by James Rea, a communications coach and consultant with more than 20 years of experience, from the Alda Center on Tuesday, September 27, from 8:30 a.m. to 9:30 a.m. in the EPNEC Auditorium.

All events are open to the entire WUSTL community, but registration is required. Check out the list of presentations and register for as many of the free events as you’d like. If you have questions about the symposium, please contact Mychal Voorhees at Becker Medical Library at mychal.voorhees@wustl.edu.

14. BALSA Hosts Insight Strategy Advisors 9/28
Are you interested in a career in healthcare and life sciences consulting? Insight Strategy Advisors, a boutique healthcare and life sciences consulting firm, will be holding an information session on Wednesday, September 28th, from 6:00-7:30 pm in FLTC 213 at Washington University in St. Louis, hosted by The BALSA Group. Come learn about healthcare consulting, walk through a case study, and get to know some ISA consultants. Please RSVP here if you plan on attending. We hope to see you there!

ISA is currently hiring undergraduates, graduate students and post docs. To apply for a position at ISA please visit: http://insightstrategyadvisors.com/apply/

15. OUTgrads September Happy Hour
- Wednesday, September 28, time TBA
- Sasha’s Wine Bar (Shaw Location)

16. Donald Danforth Plant Science Center’s 18th Annual Fall Symposium
Genetics & Genomics of Crop improvement
Sept 28 – 30, 2016
Registration is now open!
The Donald Danforth Plant Science Center will host its 18th annual Fall Symposium in Saint Louis, Missouri Wednesday, September 28, through Friday noon, September 30, 2016. The theme, “Genetics and Genomics of Crop Improvement”, is particularly timely as we celebrate the expansion of the Danforth Center and the progressive growth and development of crop-focused biotech in the Saint Louis region.
This year’s symposium will focus on various aspects of translational research that leverage genetics and genomics approaches to enhance crop productivity. Topics will include biomass and yield traits, abiotic stress tolerance and disease resistance, nutrient allocation, plant architecture, and crop domestication and improvement. Work in these areas will be highlighted in the context of recent advances in quantitative genetics, genomic selection, network-based gene predictions, epigenomics, and genome editing technologies.
For the most up-to-date information, please follow us on Facebook & Twitter @DanforthCenter.

17. Skandalaris Center Cup Info session 9/29
Skandalaris Center Cup, a competition for student-founded, for-profit startups. We’re awarding $5,000 to student-founded, for-profit startups, with the potential for further investment.
Thursday, 9/29, 5-6 pm, Danforth Campus, Skandalaris Center, Mallinckrodt 128

18. 2017 Arnold O. Beckman Postdoctoral Fellowship
Submission deadline: 9/19/16 by 5 pm Pacific
For a postdoctoral scholar with the highest potential for success in an independent academic career in chemistry and the life sciences, to assist in their transition from “mentored yet independent” postdoctoral projects to an independent, tenure-track position. These individuals are expected to become the next generation of leaders and innovators in science, engineering, and technology.
Please find more details on how to apply here: http://www.beckman-foundation.org/programs/beckman-postdoctoral-fellows
If you have questions regarding the Arnold O. Beckman Postdoctoral Fellowship Program after reviewing the online application and Program Overview section, please contact: srikanta@wustl.edu.
19. Life Sciences Research Foundation (LSRF) Fellowship
Deadline is 10/1, reference letters due 11/1
Individuals who have held a PhD or MD degree for more than 5 years at the time of application are not eligible for an LSRF fellowship. U.S. citizens are eligible to work in any geographic location while holding an LSRF fellowship. Non-U.S. citizens must work in a U.S. laboratory to be eligible for an LSRF fellowship. Individuals intending to remain in their thesis labs to complete their proposed LSRF postdoctoral research project are not eligible for an LSRF fellowship. You must complete your LSRF research project in a different lab. Working as a postdoc in your thesis lab for a brief period before moving to your new postdoc lab is acceptable. [http://www.lsrf.org/apply](http://www.lsrf.org/apply)

20. Burroughs Wellcome Fund Career Awards for Medical Scientists (CAMS)
Deadline is 10/3, 4 pm EDT
The Career Awards for Medical Scientists (CAMS) is a highly competitive program that provides $700,000 awards over five years for physician-scientists, who are committed to an academic career, to bridge advanced postdoctoral/fellowship training and the early years of faculty service. Competitive candidates for the CAMS award must have at least two years or more of postdoctoral research experience, be two years away from becoming an independent investigator, be a first author on at least one publication in a high impact top-tier journal, and have a significant publication record. Candidates must hold an M.D., D.D.S., D.V.M., or D.O. degree. More information: [http://www.bwfund.org/grant-programs/biomedical-sciences/career-awards-medical-scientists](http://www.bwfund.org/grant-programs/biomedical-sciences/career-awards-medical-scientists)

21. AAAS Science & Technology Policy fellowships
AAAS Science & Technology Policy Fellowships (STPF) provide opportunities to outstanding scientists and engineers to learn first-hand about policymaking and contribute their knowledge and analytical skills in the policy realm. Fellows serve yearlong assignments in the federal government and represent a broad range of backgrounds, disciplines, and career stages. Each year, STPF adds to a growing corps over 3,000 strong of policy-savvy leaders working across academia, government, nonprofits, and industry to serve the nation and citizens around the world. The application deadline is November 1, 11:59 p.m. ET. For more information about the AAAS Science & Technology Policy Fellowships, please visit our website at [http://www.aaas.org/stpf](http://www.aaas.org/stpf). Questions? Please contact us at fellowships@aaas.org or 202-278-3260.

22. Adjunct Needed: WU Department of Biology
The WU Department of Biology is hiring a temporary part time lecturer to teach a cell biology course during spring 2017 as a sabbatical replacement. The job candidate must have a PhD, preferably in Cell Biology, and previous teaching experience. Participation in professional development in the area of teaching and learning would be desirable. The course is an upper level undergraduate cell bio course, 3 credits, that meets 3 times per week, MWF, starting the week of Jan 17, 2017. End of semester is April 28, with spring break March 13-17, and exams during the week of May 4-May 10. The materials used last spring and course structure/logistics information (plus input from Ram Dixit, the faculty member who usually teaches this) would be provided and the person teaching can use those materials directly and without modification if they so desire. (ie, power points, syllabus, logistical arrangements, reading assignments, etc). There are TAs assigned to the course. Usually, there are 200 students enrolled. We might consider a team-taught approach with two or three people collaborating. Please contact Kathy Miller (miller@wustl.edu), Chair of Biology, WUSTL, if you are interested in applying for this opportunity.

23. Midwest Workshop on Big Neuroscience Data
We are organizing an NSF-funded Big Neuroscience Data Workshop that may be of interest to some of you. Scholarships are available for students, fellows and junior investigators. [http://www.neurosciencenetwork.org/ACNN_Workshop_2016.html](http://www.neurosciencenetwork.org/ACNN_Workshop_2016.html)
What: Midwest Workshop on Big Neuroscience Data
Where: Michigan League, University of Michigan, Ann Arbor, MI
When: Sept 20-21, 2016
Registration: [www.neurosciencenetwork.org/ACNN_Workshop_2016.html](http://www.neurosciencenetwork.org/ACNN_Workshop_2016.html) (Registration web-form)
Scholarships: Up to 60 scholarships (travel, accommodation) are available for students, trainees and fellows to attend the workshop. Register early!

24. AAI Travel for Techniques Award
Applications Deadline: OCTOBER 15
The [AAI Travel for Techniques Program](http://aai.org/Careers/TfT.html) assists AAI members in expanding their skills to benefit their research. Applications are reviewed three times per year. The deadline for the current review cycle is October 15, 2016.
Qualifying AAI regular or associate members can receive up to $1,500 in reimbursable expenses to support travel to another laboratory to learn a particular technique.
Applications will be evaluated for relevance of the technique to the applicant's research program and financial need. Visit [http://aai.org/Careers/TfT.html](http://aai.org/Careers/TfT.html) to learn more and download the application.
25. BioSTL FREE SBIR/STTR Training Workshop
Do you think you have a great business idea, but need funding? BioSTL is hosting a free day and a half SBIR/STTR training workshop October 18 - 19 to help companies navigate the application process. Developing SBIR/STTR proposals is a complex process with a steep learning curve, but the impact of receiving $millions in non-dilutive funding is worth the effort. This 1.5-day workshop is timed to coincide with the January 5, 2017, National Institutes of Health’s (NIH) deadline and will provide detailed instruction on developing a competitive proposal for the NIH SBIR/STTR program.

**When:** October 18: 8am - 4pm (lunch will be provided) & October 19: 8 - 11:30am
**Where:** CIC@CET - 20 South Sarah Street Showroom, St. Louis, Missouri 63108
**More information and to register:** [https://www.eventbrite.com/e/sbirsttr-training-tickets-27009434947?aff=mcvte&mc_eid=0331765a42&mc_cid=1877eb5015](https://www.eventbrite.com/e/sbirsttr-training-tickets-27009434947?aff=mcvte&mc_eid=0331765a42&mc_cid=1877eb5015)

26. Join the National Postdoctoral Association (NPA) for FREE!
As you may know, Wash U is a Sustaining Member of the [National Postdoctoral Association](http://www.nationalpostdoc.org) (NPA) and one of the greatest benefits is you can become an Affiliate Member of the NPA for free! We encourage everyone to take advantage of this opportunity to help you network with other postdocs across the country and gain access to members-only resources that can help further your career.

**Signing up is simple. Click on this link and register with your @wustl email address.** Once you click "Submit," the NPA Membership Manager will review your Affiliate membership within five working days and you will receive an email when it has been approved. As an NPA Affiliate Member, you are entitled to these benefits:

- [Subscription](https://www.nationalpostdoc.org) to NPA e-alerts, a periodic news announcement, and The POSTDOCket, the NPA’s official quarterly newsletter
- [Reduced registration fees](http://www.nationalpostdoc.org) to the NPA Annual Meeting & eligibility for the NPA travel award program
- [Access to members-only NPA web content](http://www.nationalpostdoc.org), such as career planning resources and policy information
- [Access to NPA member groups](http://www.nationalpostdoc.org) to connect & network with fellow NPA members
- [Discounts to some services and products.](http://www.nationalpostdoc.org)
- [Opportunities to serve and contribute](http://www.nationalpostdoc.org) your expertise on a variety of NPA committees
- [National representation](http://www.nationalpostdoc.org) on postdoctoral issues

27. The NIH Loan Repayment Programs (LRPs) are now accepting applications!
The escalating costs of advanced education and training in medicine and clinical specialties are forcing some scientists to abandon their research careers for higher-paying private sector careers. The LRPs counteract that financial pressure by repaying up to $35,000/year (for 2 years) of a researcher’s qualified educational debt in return for a commitment to engage in NIH mission-relevant research. Since tomorrow’s medical breakthroughs will be made by investigators starting their research careers today, the LRPs represent an important investment by NIH in the future of health discovery and the wellbeing of the Nation. **The deadline to submit your application is November 15. Visit [www.lrp.nih.gov](http://www.lrp.nih.gov) for more details and to apply.**

28. Science Launches the 2016 ‘Dance Your Ph.D.’ Contest
Calling all scientists! We want to know what your Ph.D. research is about. But forget the PowerPoint slideshow. We don't even want to hear you talk. We want to see you dance.

The ninth annual Science/AAAS Dance Your Ph.D. contest is open! Got a free weekend this summer? Get together with your friends and labmates and make a dance video. It can be any style, from ballet and breakdancing to your own highly abstract interpretive dance. The final product should be not only fun to watch but helpful for others to gain an understanding of your scientific research. If you can pull that off, you can win a portion of the $2500 cash prize.

**The deadline for submissions is 30 September.** To enter the contest, and to see examples of past winners for inspiration, visit the [contest homepage](http://www.sciencemag.org/cgibin/ContestWeb/contest.cfm). Good luck, scientists. Get your #DanceYourPhD on!

29. Postdoc T-shirts!
We have new postdoc T-shirts! They are charcoal gray with a white WU logo on the front, and the word POSTDOC and the STEM departments on the back. Cost is $5 each, cash only. Stop by the Office of Postdoctoral Affairs (OPA) to purchase one, there is usually someone available between 9 and 4pm. Questions? Email [postdoc@wusm.wustl.edu](mailto:postdoc@wusm.wustl.edu).

**We are on Twitter & Facebook!** 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:

- **Twitter:** @WUSTLPostdoc, WUSTL Postdoc Office [http://twitter.com/wustlpostdoc](http://twitter.com/wustlpostdoc)
- **Facebook:** [https://www.facebook.com/OPA.WUSTL](https://www.facebook.com/OPA.WUSTL), Washington University Office of Postdoctoral Affairs
We also have a LinkedIn Group for current & alumni postdocs – Washington University in St. Louis Postdocs - 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 the Office of Postdoctoral Affairs at postdoc@wusm.wustl.edu.