

## STEM Bulletin | October 20, 2015



### IN BRIEF (read more below)...

- Amazing STEM guest speaker, Wally Funk, of the Mercury 13 on Monday, Oct 26<sup>th</sup>
- Where did I come from? Join the exciting project “The Science and Implications of Personal Genomics!”
- Check out this week’s STEM Gateway Blog on Faculty Learning Strategies!
- Get ready for flu season with SHAC!
- CAPS is now hiring for spring semester
- STEM Meetings, Scholarship, Grants, and Job Opportunities

### Amazing STEM guest speaker, Wally Funk, of the Mercury 13 on Monday, Oct 26<sup>th</sup>



Wally Funk. (Photo courtesy of Ninetytimes website.)



Wally Funk from the 1960s. (Photo courtesy of CBSDFW.COM)

For more than 50 years, Wally Funk has been a pioneer for women in the aviation and space industries. After growing up in a working class family in Taos, NM, Ms. Funk became part of a group of women known as the Mercury 13. These women passed a series of tests in the early 1960s to see if women could handle the rigors of space. The tests were similar to those NASA used to screen its earliest male astronauts. As one source notes, the Mercury 13 women “paved the way for female astronauts like Sally Ride, Eileen Collins and many others that now support the U.S. Space Program.”

In addition, Ms. Funk was the first woman to complete the FAA's General Aviation Operations Inspector Academy course, which covered pilot certification and flight testing procedures and she was the first female air safety investigator hired by the National Transportation Safety Board. She also invented a device for checking the integrity of an airplane's propeller.

Wally Funk will be speaking Monday, October 26<sup>th</sup>, at 2:00 pm in the Honors Forum (lower plaza level Student Health Center, UNM Main campus)

This event is free!

See attached flier "Wally Funk" for more info.

## **Where did I come from? Join the exciting project "The Science and Implications of Personal Genomics!"**



Join the STEM Collaborative as we learn about the uses, limitations, and ethics of personal genomics. Each student in this course will send a saliva sample to a company for a personal assessment of their genome, too! We will discuss the results in relation to health, ancestry, and bioethics.

Personal genomics is study of a person's complete set of DNA, including all of their genes. There are challenges and risks that go along with pursuing information about your own genome. How do you manage the data? What happens if you find a negative result? How can you get the most information about your genome without having so much that you cannot draw accurate conclusions? What do your personal genomic results mean to others, such as family members?

Learn more and apply here: <http://stemuniversity.unm.edu/courselist/register/22>

## Check out this week's STEM Gateway blog on Faculty Learning Strategies!



### STEM GATEWAY Blog

Derek Martinez, a Senior Lecturer, in the Department of Mathematics and Statistics has been accepted into the Teaching Fellows Program by the Center for Teaching Excellence in 2015. The Teaching Fellows Program provides opportunities to discuss teaching in an informed, supportive community, to examine the latest research on teaching and learning, and to conduct research on one's own teaching. Derek's project will be looking at ways to help undergraduate math students develop metacognitive abilities that will help them in their study of Mathematics. Read now at: <http://stemgateway.unm.edu/blog/2015/10/faculty-learning-strategies-math.html>

## Get ready for flu season with SHAC!

Fall is upon us and that means it's almost flu season. All students, staff and faculty are invited to come get a FREE flu shot in the SUB (must be 18 or older). Flu shots will be available from 10am-2pm in the SUB on the following dates:

- Monday, October 26th
- Tuesday, October 27th
- Monday, November 2nd
- Tuesday, November 3rd

## CAPS is now hiring for spring



UNM's Center for Academic Program Support is hiring several positions for the spring semester. For employment qualifications, links to the online applications, and instructions for required documents, please visit: [caps.unm.edu/info/employment](http://caps.unm.edu/info/employment)

## STEM Meetings, Scholarships, Grants, and Job Opportunities

- UNM Engineers Without Borders will have a general meeting Thursday, Oct 22 from 5 – 6pm 6pm in the Centennial Engineering STAMM room
- UNM HSC Department of Molecular Genetics and Microbiology Fellowships for undergraduates – There is no set due date for applications, just rolling based on applicants: <http://mgm.unm.edu/Department%20Information/stephanie-ruby-undergraduate-fellowship-program.html>
- Apply to UNM's Department of Political Science's Fred Harris Congressional Internship Program for a chance to serve as a Congressional Intern and live in D.C.! There is an upcoming information session Wednesday, October 21, 2015 at 12:00pm in the Department of Political Science, Social Sciences Building (#78), Room 2069 (second floor). See attached "flyer sp 16" for more info.
- The Summer 2016 Institute on Philanthropy & Voluntary Service in Washington, DC, now accepting applications for undergraduates passionate about service and interested in a summer experience making a community impact. More information on their programs may be found at [www.DCinternships.org/IPVS](http://www.DCinternships.org/IPVS). You may also contact Mary Stankus at [mstankus@tfas.org](mailto:mstankus@tfas.org) with questions.
- Master of Medical Sciences (MMSc) program in Immunology at Harvard Medical School now recruiting students. Information about the program, as well as application for Fall 2016 can be found here: <http://mmscimmunology.hms.harvard.edu/>
- National Health Service Corps's will be hosting a "Career Development and Leadership Opportunities in Primary Care Webinar" Tuesday, October 27, 2015 8:00 – 9:00 p.m. ET. Learn practical tips and suggestions to advance your career and leverage your primary care experience, as panelists share stories about their primary career path. During the webinar, our panelists will discuss courses to consider while in school & clinical rotations, finding a mentor, and more. Students are encouraged to participate! Login using [this access link](#) and enter your name in the guest field. Dial in using the phone number: [1-888-566-6151](tel:1-888-566-6151) and passcode: 4221465.

Have a great week, everyone!



*If your department or student organization has a program, event or opportunity you would like us to include in an upcoming bulletin, please email a description to [timschroeder@unm.edu](mailto:timschroeder@unm.edu).*

### IMPORTANT RESOURCES AND LINKS

["STEM in the News" on Twitter](#)

[Upcoming free STEM summer events](#)

[Undergraduate research opportunities at UNM](#)

[The STEM Collaborative on Facebook](#)