For the Week of November 12th, 2017

**College of Medicine**

Biomedical Sciences Graduate Program E-Newsletter

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www.medicine.osu.edu/bsgp

*New or Updated Items Marked With Asterisk*

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**Graduate School News**
-What inspired you to become interested in research?
I became interested in diseases after reading 'The Hot Zone' by Richard Preston when I was younger, and my biology classes in high school and college made me want to better understand them. I started pursuing research because I wanted to be more directly involved in studying how things can go wrong in the body, rather than just reading about it.

-Briefly describe your current research project.
I am in Dr. Jeff Parvin's lab studying the roles of BRCA1 and BARD1, two proteins associated with hereditary breast and ovarian cancer, in DNA damage repair. Specifically, I am examining the differences in what proteins interact with repair-deficient BRCA1 and BARD1 versus wild-type protein.

-What accomplishment are you most proud of from your graduate school career?
I do not really have one accomplishment that I am most proud of, but rather I get a strong sense of accomplishment when a frustrating experiment starts working or I see results that bring me closer to the end goals of my work. Sometimes research can feel like it's moving slowly, so the moments when you get exciting results based on persistent and hard work are satisfying.

-What is your long-term career goal?
Although I have not figured out the specifics yet, I want to continue doing research after graduate school.

*Biomedical Science 2900H TA Needed
Seeking a light-duty teaching assistant for Biomedical Science 2900H, Biomedical Science Laboratory Techniques (undergraduate honors course). TAs present a 20 - 25 minute summary of a portion of their research project as an example of an application of specific research methods described in faculty lectures. We specifically seek a TA to describe their experiments employing flow cytometry or ELISA. Commitment consists of a 20 - 25 minute in-class presentation of your work on the morning of 25 January with 5 - 10 minutes for student questions and discussion, plus prep time for your presentation. If interested or for additional information contact Dr. W. James Waldman (james.waldman@osumc.edu) at your earliest convenience.

Reminder- Buckeyelink Beginning to Use BuckeyePass
All students, faculty, and staff will not be able to log into Buckeyelink without registering for BuckeyePass as of 11/5
BuckeyePass is a two-factor authentication system that provides stronger security.
To enroll, please follow this link.

BSGO Simply Rolled Ice Cream Fundraiser
Wednesday, November 14th | 4-9pm
970 N High Street
15% off each sale will go towards BSGO!
Please see the attached flyer.

Attention First Year Students: Current Lab Rotation Openings
Please see the attached spreadsheet for a list of the 34 faculty members looking for first year graduate students to rotate in their labs.
### Tax Implications for Graduate Fellows

Several students have recently asked about tax implications for graduate fellows. For more information, please see: **Graduate Fellow Compensation and Taxes**.

### Flu Shot Season is Here- Get Yours Today!

Seasonal flu vaccinations are non-discretionary and must be received by December 1 to be in compliance with the OSUMC policy. Getting your flu shot at one of the OSU blitzes or at University Health Services is the easiest and quickest way to become compliant because no documentation is required. Click here to view a full blitz schedule.

### Autumn Commencement Ticket Information

Due to the steadily increasing size of The Ohio State University’s graduating classes, the university has instituted a ticketing process for Autumn Commencement. Beginning this semester, graduating students will need to request tickets for their family, friends and other guests. Tickets are free, and each graduate who applies by Nov. 27 is guaranteed up to four tickets. Graduates will also have the option to join a waitlist for up to four additional tickets.

For more information, please see this [webpage](#).

### Course Offerings

#### *Course Offering: Fundamentals of Oncology*

Pathology/Veterinary Biosciences 6640 (4 credits)  
Class consisting of a series of lecture/seminars, each two hours in duration covering a variety of aspects of oncology

Please see the attached syllabus for more information,

#### Course Offering- Biopolymers

BME 5359 (3 credits)  
Course Description: Extracellular matrix (ECM) present in mammalian tissue(s) is important for the integrity and tensile strength of the underlying tissue as well as for cell-matrix interactions and matrix mineralization. This course provides an overview of the composition, structure and function of ECM and its application(s) for the BME domains of biomaterials, tissue engineering and biomechanics.  
Please see the attached flyer for more information.

#### Course Offering- Biochemical Mechanisms of Carcinogenesis

CBG 8270 (2 credits)  
The goal of this course is to provide graduate students with an overview of fundamental mechanisms leading to cancer. Through review of current literature, we will discuss many cancer topics including angiogenesis, DNA repair, aneuploidy, replicative potential and telomeres, tumor invasion/metastasis, the role of the tumor microenvironment, epigenetics, exosomes, apoptosis, drug resistance, role of the immune system, microbiome, mechanisms/regulation of key tumor-suppressor genes and oncogenes and cancer susceptibility.

For more information see the attached flyer.

#### New Course Offering- Gut Microbiology
This is a new course (2 credits) offered to graduate students in the first session (January 8 to February 23) of the Spring semester of 2018. In this course students will learn about gut microbiome and its function (nutritional and health) to the host. The class will meet from 9:10 to 11:15 TuTh in room 202, Animal Sciences Bldg.

For more information, see the attached flyer or contact Dr. Zhongtang Yu.

New Course Offering- Mineralized Tissues: Bone and Teeth

DENT 8840 - 2 credit hours
Tuesdays 1:30-3:30 pm SP2018
Please see the attached flyer for more information

Course Offering- Neurobiology of Disease

This is a 3 credit course on the molecular, cellular and clinical aspects of brain disorders.
Please see the attached flyer for more information

Important Deadlines and Dates

Graduation Deadlines Calendar

The Graduate School recently created a calendar regarding current and future deadlines for graduation. That calendar can be found here. You may also find graduation deadlines outlined in this user-friendly document.

The Graduate School also cleaned up the Final Semester Procedures page which can be found here.

We hope you find this information useful!

Fellowships

Presidential Management Fellowship

The Presidential Management Fellows (PMF) Program is administered by the U.S. Office of Personnel Management (OPM). Each year, candidates apply to the program in efforts to be selected as Finalists. Finalists are then eligible for appointment as Presidential Management Fellows (Fellows; PMFs).

To become a PMF, you must participate in an rigorous, multi-hurdle process. It takes patience and endurance, but also gives you a chance to demonstrate your leadership ability and potential. As a PMF, you will have earned your place in the program, and the opportunity to grow professionally, serve your country, and make a difference!

The very first step in successfully becoming a PMF is paying attention to the details of the annual application and assessment process. For detailed eligibility requirements, check out the Eligibility webpage. Once the application period opens, it will appear on USAJOBS (www.usajobs.gov). The application is typically open for two weeks and closes at 11:59 PM (Eastern Standard Time) on the last day. Review the Application Process to learn about all the steps to apply.

Mentored Research Training Program (TL1): Request for Applicants

Application Deadline: November 13, 2017
Award Start Date: January 1, 2018

The OSU Center for Clinical and Translational Science (CCTS) is seeking applicants for the TL1 Mentored Clinical Research Training Program. The TL1 award supports pre- and post- doctoral trainees pursuing clinical and translational research. Trainees will receive a stipend, research funds,
training, tuition support, and access to CCTS resources. The one year appointment can be renewed once, for a total possible appointment of two years.

**TL1 INFORMATION SESSION**
An information session, including eligibility, requirements, benefits, and application strategies will be held October 18, Noon to 1 PM at the CCTS in room 240 and via WebEx. You can register here: [http://go.osu.edu/TL1Info](http://go.osu.edu/TL1Info)

### Smithsonian Institution Fellowship
The Big Ten Academic Alliance and the Smithsonian Institution (SI) invite fellowship applications for one-year fellowships to support research in residence at Smithsonian Institution facilities. Fellowships carry a stipend of $32,700. All fields of study that are actively pursued by the museums and research organizations of the Smithsonian Institution are eligible.

For more information, including application instructions, please visit the organization’s [webpage](http://www.si.edu).

### Post-Doc Opportunities

#### **PRISM - Stanford Postdoc Recruitment Event**
March 14-17th; Applications due Jan 15
PRISM (Postdoctoral Recruitment Initiative at in Sciences and Medicine) is an opportunity for select late-stage graduate students from diverse backgrounds to come to Stanford for a recruitment weekend, interview with potential mentors, and get the inside scoop on postdoctoral training at Stanford. The purpose of this program is to encourage those who might not currently consider a postdoctoral position at Stanford to get a first-hand look at whether Stanford might be a good fit for them. Our goal is to match excellent trainees to excellent mentors at Stanford.

For more information, or to apply, click [here](http://www.prism sàngi).

#### **Proctor and Gamble Recruiting Event**
November 15th | CBEC 110/120
"Materials Technology Development and New Products"
Speaker: Scott Stanley, PhD
Please see the attached [flyer](http://www.proctorandgammble.com) for more information.

### Other News and Events

#### Fall Nutrition Seminars

**Fall 2017 OSU Nutrition Program Seminar Series**
Seminars are on Fridays 11.30 AM - 12.30 PM in Ag Admin 246 and 122 Gerlaugh Hall. For inquiries, contact Dr. Sheila Jacobi (Jacobi.1@osu.edu) or Dr. Tonya Orchard (orchard.6@osu.edu)

Click [here](http://www.osu.edu) for more information.

**Need Help? CCS is here for you!**
COUNSELING AND CONSULTATION SERVICE

WHO WE ARE
We promote personal well-being and the academic success of students by providing comprehensive mental health services.

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- Psychiatry
- Couple's Counseling
- Outreach and Workshops
- Crisis Support and Debriefing
- Consultation for Faculty, Staff and Loved Ones
- Community Referral

We're Here To Help With:
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- Life Transitions
- Academic Concerns
- Identity Exploration
- Relationship Problems
- Substance Use
- Eating Concerns
- Anxiety
- Depression
- And Much More

CONTACT US

PHONE: 614-292-5766

HOURS:
MONDAY – THURSDAY: 8 a.m. – 8 p.m.
FRIDAY: 8 a.m. – 5 p.m.

LOCATIONS:
Youman Success Center, 4th Floor 1840 Neil Ave, Lincoln Tower, Suite 1030 1800 Cannon Dr.

Find Us Online: CCS.OSU.EDU

Download the new OSUCCS App

You can find more information about the services provided at Counseling and Consultation Services on their website.