



NATIONAL
PRIMATE
RESEARCH
CENTERS



OREGON NATIONAL
PRIMATE
Research Center

Oregon National Primate Research Center PUBLIC OUTREACH PROGRAMS in the time of COVID

The Oregon National Primate Research Center (ONPRC) is an institute of Oregon Health & Science University, located on OHSU's West Campus, in Beaverton, OR. One of 7 National Primate Research Centers located throughout the country and supported by the National Institutes of Health (NIH), ONPRC serves as a national resource to biomedical scientists who require nonhuman primate models for their research. To learn more about the National Primate Research Centers, visit www.nprc.org To learn about specific research programs conducted at ONPRC, visit www.ohsu.edu/onprc

During “normal” times, we offer the opportunity for groups of 10 or more persons, aged 10 and older, to visit our Center in person. This is currently not a possibility, as all outreach programs that involve coming to the West Campus have been suspended through 2020, and likely until a vaccine for coronavirus (SARS CoV-2) has been developed and widely distributed.

For these unusual circumstances, we have developed the following “menu” of virtual options that we hope will be of interest to you as you look for activities to support your own virtual teaching endeavors.

FOR THE CLASSROOM and/or GENERAL PUBLIC

- Virtual Tour of the Oregon National Primate Research Center (pre-recorded) – *Coming Soon!*
- Scientist and/or animal care personnel vignettes (pre-recorded) – *Coming Soon!*
- Overview of ONPRC (science, animal care, career information) (live virtual presentation by Diana Gordon, Education & Outreach Coordinator, ONPRC)
- Scientist/Animal Care personnel presentations (live virtual presentation)
- Scientist/Animal Care personnel “panel” Q & A (live virtual presentation)
- Scientist-led virtual lab demonstration (real-time)

Science Cafes (general audiences)

We will present a virtual lecture series entitled “Understanding Gender and Sex Diversity” on 4 consecutive Thursdays, from 6-7 p.m. The following topics will be explored:

October 29: *Introduction to Gender Identity and Sexual Orientation* (Dr. Charles Roselli)

November 5: *Gender Reassignment: Physiology and Mullerian Surgery* (Dr. David Lee)

November 12: *Fertility and Assisted Reproduction for Transgender Communities* (Dr. Paula Amato)

November 19: *A panel of individuals who have experienced gender re-assignment surgery*

To register to attend one or all of these lectures, contact Diana Gordon (gordondi@ohsu.edu).

FOR HIGH SCHOOL STUDENTS

Summer High School Student Apprenticeship Program

Scientists at the ONPRC serve as mentors to high school students through Saturday Academy’s Apprenticeships in Science and Engineering program (ASE). Students are paid a stipend to conduct research over an 8-week period under the direction of a Primate Center scientist. Phase one of the application is due in January and Phase Two is due at the end of February each year. For more information, or to download an application, visit

<http://www.saturdayacademy.org/ASE/tabid/56/Default.aspx>

Science Ambassadors (For high school students and 5th graders)

This program provides opportunities for high school students to learn about cutting-edge science while developing their leadership skills. High school students meet weekly throughout the school year. They learn about science from Primate Center researchers, and develop and implement hands-on activities relating to important science concepts to share with the 5th grader “mentees” who join the group twice a month. Information and applications can be accessed at <http://www.ohsu.edu/xd/research/centers-institutes/onprc/public-education/students/science-ambassadors.cfm>

Biomedical Research Immersion Experience (BRIE)

Suspended for 2020-2021 school year

This program, which is held twice a year on 5 consecutive Fridays, introduces students to the world of biomedical research through seminar attendance, hands-on lab activities, and the opportunity to meet with animal care staff (including veterinarians and behaviorists). One visit is dedicated to job shadowing in a West Campus lab. For more information or to enroll in this program, contact Christine Rickis at the Hillsboro Chamber of Commerce’s School to Work program (christiner@hillchamber.org).

Volunteer Positions

Suspended for 2020-2021 school year

Only employees and students enrolled in accredited veterinary programs may provide care for our monkeys, but there are occasional opportunities for student/adult volunteers to assist with the Community Outreach program, to help in the Small Lab Animal Unit, and (rare) opportunities to volunteer in labs at the Primate Center. (*Volunteers must be 16 years of age or older.*)

FOR MIDDLE SCHOOL STUDENTS

Camp Monkey (*Summer of 2021, Covid Permitting!*)

Camp Monkey is a one-day summer camp for middle school students held on the grounds of the Primate Center. ONPRC scientists and other lab personnel provide hands-on experiences for the participants, who rotate through a series of stations at which a specific science concept is learned.

FOR 5TH GRADERS

Science Ambassadors (For high school students and 5th graders)

This program provides opportunities for high school students to learn about cutting-edge science while developing their leadership skills. High school students meet weekly throughout the school year. They learn about science from Primate Center researchers, and develop and implement hands-on activities relating to important science concepts to share with the 5th grader “mentees” who join the group twice a month. Information and applications can be accessed at <http://www.ohsu.edu/xd/research/centers-institutes/onprc/public-education/students/science-ambassadors.cfm>

Virtual hands-on “STEM” learning activities hosted by the ONPRC Science Ambassadors - *Dates/Times TBD*

Our high school *Science Ambassadors* mentors will be hosting virtual STEM activities each month from November 2020 – May 2021. We are still ironing various aspects of this program, but we expect to have a schedule available by the end of October. We will be able to accommodate up to 100 students at each meeting. For more information, contact Diana Gordon (gordondi@ohsu.edu, or (503) 346-5055).

Science Saturdays

Suspended for 2020-2021 school year

Science Saturday events are built around the solution of a mock mystery, an approach that we find generates the authentic excitement of science. Participants use the tools of science to solve a mystery, such as “The Case of the Missing Pizza” or the “Case of the Confiscated Monkey.” Events are held in the spring of each year, and applicants are selected on a first-come, first-served basis.

FOR UNDERGRADUATES

Undergraduate Summer Fellowship Program (USF) – *Covid-permitting!*

Scientists at the ONPRC welcome undergraduate students from across the country and beyond who successfully complete a rigorous application process. Students must be entering their junior or senior years of college, and may apply to work under Primate Center mentor scientists for 10 weeks. Applications are due at the beginning of February each year. For more information or to download an application, visit <http://www.ohsu.edu/xd/research/centers-institutes/onprc/public-education/undergraduate.cfm>

Provost Scholar Summer Fellowship Program – *Covid-permitting!*

Applicants must be entering their junior or senior years of college and come from a group that is recognized as historically underrepresented in the health and science professions (including African-American/Black, Native American/Alaskan Native, Pacific Islander and Hispanic/Latinx. For more information or to download an application, visit

<http://www.ohsu.edu/xd/research/centers-institutes/onprc/public-education/undergraduate.cfm>

FOR HIGH SCHOOL TEACHERS (AND MIDDLE SCHOOL TEACHERS WITH SCIENCE DEGREES)

Murdock Trust Partners in Science Program – *Covid-permitting!*

Scientists at OHSU's West Campus (the Oregon National Primate Research Center (ONPRC) and the Vaccine & Gene Therapy Institute (VGTI)) serve as mentors to high school teachers through participation in the M.J. Murdock Charitable Trust's Partners-in-Science program. Successful applicants receive grant support to conduct research under the direction of a Primate Center investigator for two consecutive summers. For more information visit

<http://www.murdock-trust.org/grants/partners-science.php>

FOR VETERINARY TRAINEES

Veterinary Externship Program

OHSU/ONPRC offers students enrolled in accredited veterinary medicine programs a variety of elective experiences that can be tailored to suit the needs of the individual students. In this year-round program, students can build their own program consisting of 2-week increments in a specific location. Students may elect to continue with a specific mentor for up to 8 weeks, or longer by special arrangement. Contact Jeffrey Stanton, DVM (stantoje@ohsu.edu or (503) 346-5283) for more information about this program.

Veterinary Technician Externship Program

Vet tech students from PCC and other accredited veterinary technician programs are welcomed for 5-8 week externships at ONPRC. During this time, students learn to provide medical care for non-human primates from our expert animal care specialists, as well as spending time in the rodent colony. Contact Megan O'Brien (obriemeg@ohsu.edu) for more information about this program.

SPEAKERS BUREAU

The ONPRC can provide speakers on a variety of topics, including caring for laboratory animals; how aging affects the brain, reproductive system, and immune system; contraception and fertility issues; obesity and metabolic disease; careers in biomedical research; addiction; embryonic stem cells; ethical issues associated with animal research and/or embryonic stem cell research; and the effects of stress on the body. Contact Diana Gordon (gordondi@ohsu.edu or (503) 346-5055) to engage a speaker for your class or event.

ASK AN EXPERT

Students are often asked by their teachers to contact an expert in connection with a particular question they may be researching. If you are in need of an expert opinion in a particular area of biomedical research, we can help!



If you have questions or require additional information, contact Diana Gordon, Education & Outreach Coordinator, by telephone (503-346-5055) or e-mail (gordondi@ohsu.edu). All Primate Center activities/events are subject to availability.