

## **PSU PSY 410: Neuroscience/Art Outreach 2015**



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NEUBERGER HALL, ROOM 387

**June 22 – July 9, 2015, MTWTh, 9:15 – 10:20am: Planning your course**

**July 13 – 30, 2015, MTWTh, 9:00 – 11:00am: Delivering instruction**

### GOAL OF THE COURSE:

Are you excited by what you've learned about the brain and behavior? Would you like to explore career opportunities related to teaching science, public outreach, and neuroscience? Are you interested in developing marketable skills, including public speaking, performance, and the ability to organize complex material in an accessible way? Would you like to work directly with undergraduates and graduate students from area institutions, including WSU-Vancouver, PSU, and OHSU? Do you want to get public school students as engaged by the brain, and science and discovery as you are?

This class is explicitly designed to get you out of the undergraduate classroom, and into the local community, along with other undergraduates and graduate students from Portland State University, Washington State University, Oregon Health & Science University, and the Pacific Northwest College of Art.

You will collaborate and prepare a three week course on the brain and behavior for middle schoolers, or high schoolers, in the Portland or Vancouver Public Schools, directly participate in introducing topics in neuroscience, and lead multiple classroom projects and activities...

ENROLLMENT: Limited to 30 participants (maximum) with background in neuroscience.

Add form required. Students will choose (or be assigned to) one of FOUR collaborative groups, with three weeks of instruction: 1. Sabin (middle school students), 2. Jason Lee (also middle

school), 3. WSUV (high school students), 4. Boys & Girls Club (1 – 8<sup>th</sup> grade).

GRADES: Grades are based on your reliability, responsibility, maturity, and your level of participation in these collaborative efforts, including design and delivery of the elementary, middle and high school courses. Development of course lesson plans and direct interaction with K-12 students is required. Students who successfully meet requirements will receive a “Certificate of Public Service.”

COURSE PLANNING: Students will work with students from OHSU, WSU-V, PSU, and the Pacific Northwest College of Art to develop a plan for each lesson offered during the elementary, middle or high school course, including core ideas to convey, along with instructional materials, and activities designed to get concepts across to students.

IN CLASS DELIVERY OF INSTRUCTION: Students will work with middle school students at Portland Public Schools, or with high school students on the WSU Vancouver campus, or with 1 – 8<sup>th</sup> graders at the Boys & Girls Club, and help teach two hour long classes, Mondays – Thursdays, for three weeks. Students will deliver short, relevant lectures, and offer engagement, monitoring and support for related classroom activities (including art activities).

INTEGRATION WITH CAPSTONE: PSU students can **co-enroll** in “Story, Video and Civic Action” (<http://capstone.unst.pdx.edu/courses/story-video-and-civic-action>) and use this summer outreach effort as a qualifying project for that course.

ACADEMIC HONESTY: Any evidence of cheating or plagiarism will lead to serious academic consequences, including possible failure of the course and/or dismissal from school. Plagiarism is also a violation of the PSU Student Conduct Code. For more information please visit: [http://www.ess.pdx.edu/OSA/osa\\_b.htm](http://www.ess.pdx.edu/OSA/osa_b.htm).

STUDENTS WITH DISABILITIES: If you are a student with a documented disability and registered with the Disability Resource Center (DRC), please contact the instructor immediately to facilitate arranging academic accommodations. If you have a disability and have not yet registered with the DRC, please contact the DRC immediately.

## **THE CLASSES:**

PLEASE NOTE: PSU students will join other PSU, WSU-Vancouver, OHSU, and PNCA participants in a classroom at Portland State University for the first few weeks of the class, and work together on course preparation and design...

ALSO PLEASE NOTE: Formal background checks are required for work with K-12 students. **YOU MUST DISCLOSE EVERY PREVIOUS INCIDENT ON THE FORM**; students who fail to include incidents that show up in a background check are automatically disqualified from working with K-12 students in public schools.

### *Course preparation and design: JUNE 22 – JULY 9*

1. **Introduction to the course** (6/22): Course information, syllabus; expectations, review of course handbook; organization into groups, based on school for course delivery (Sabin K-8, Jason Lee K-8, WSU Vancouver campus, Boys & Girls); introduction to Site Coordinators (Neuroscience and Art)...
2. **Assessments, and course development** (6/23): Integrating assessments and evaluation into the course (including evaluation of PPS student participants regarding “Next Generation Science Standards”). Group work on topics, activities, materials...

### **DIVISION INTO OUTREACH GROUPS...**

**Sabin (Group 1), Jason  
Lee (2), WSUV (3), or  
Boys & Girls (4)**



- **GROUP 1: SABIN**

- Sabin School, 4013 NE 18th Ave, Portland, OR 97212;  
<http://www.pps.k12.or.us/schools/sabin/>
- SUN Contact: Rachel Prust, [rprust@pps.net](mailto:rprust@pps.net)
- Science Coordinators: Christie Pizzimenti, Allie Clark
- Arts Coordinators: Mareika Glenn, Katherine McAnalley

- **GROUP TWO: JASON LEE**

- Jason Lee School, 2222 NE 92<sup>nd</sup> Avenue, Portland, OR 97220;  
<http://www.pps.k12.or.us/schools/lee/>
- SUN Contact: Rebecca Wood, [rhwood@pps.net](mailto:rhwood@pps.net)
- Science Coordinators: Brian Mills, Adrienne Lawrence, Elizabeth Olson
- Arts Coordinators: Ivy Loughborough, Victoria Ayers

- **GROUP THREE: WSU VANCOUVER**

- WSU Vancouver, 14204 NE Samon Creek Avenue, Vancouver, WA 98686; <http://www.vancouver.wsu.edu>
- Classroom: VSCI 101; Computer lab: VUB 100
- MESA Contact: Debbie Blas, [Debbie.Blas@wsu.edu](mailto:Debbie.Blas@wsu.edu)
- Science Coordinator: Megan Slaker, Michael Miller, Rosalie Lee, Angela Johnson, Sarah Neveux
- Arts Coordinators: Juliet Thimmig, Nikki Vene

- **GROUP FOUR: BOYS & GIRLS CLUB**

- Boys & Girls Club Contact: Chris Samson, (360) 313-5670
- Clinton and Gloria John clubhouse, 409 NE Anderson Rd. Van Wa 98665; <http://www.mybgc.org/teen-kids/clinton-and-gloria-john-clubhouse/>
- Science Coordinator: Vanessa Jimenez, Alex Voigt
- Arts Coordinators: Matty McCasland, Carrie Miyamoto

3. **Course development** (6/24): Instructional strategies: Visit by Angela Fojtik from Vancouver Public Schools, and Joyce Iliff from Portland Public Schools...

4. **VISIT TO SCHOOL SITES** (6/25):

**Groups 1, 3, 4.** Site Coordinators will lead participants to Beaumont (for Sabin K-8), the Boys & Girls Club, and WSUV to meet local “Schools Uniting Neighborhoods” (SUN) Coordinators and others for orientation...



5. **Course development** (6/29): Arts integration, and instructional strategies: Visit by Rebecca Carlisle from PNCA... Group work on topics, activities, materials
6. **Course development** (6/30): Group work on topics, activities, materials
7. **Course development** (7/1): Instructional strategies: Visit by Santha Cassell from Portland Public Schools... Group work on topics, activities, materials
8. **Course development** (7/2): Group work on topics, activities, materials

### **Happy Independence Day!**

9. **Course development, and VISIT TO SCHOOL SITE for Jason Lee** (7/6): Group work on topics, activities, materials
10. **Course development** (7/7): Group work on topics, activities, materials
11. **Course development** (7/8): Group work on topics, activities, materials
12. **Course development** (7/9): Group work on topics, activities, materials

*Course delivery: JULY 13 – JULY 30*

**Sabin (Group 1), Jason  
Lee (2), WSUV (3), or  
Boys & Girls (4)**

PLEASE NOTE: Actual course times may vary, but students should be prepared to participate from 9:00am to 11:00am, Monday through Thursday during course delivery...

SABIN (Group 1): 9:15am – 11:00am

SUN Contact: Rachel Prust, [rprust@pps.net](mailto:rprust@pps.net)

JASON LEE (Group 2): 9:15am – 11:00am

SUN Contact: Rebecca Wood, [rhwood@pps.net](mailto:rhwood@pps.net)

WSU VANCOUVER (Group 3): 9:15am – 11:00am

BOYS & GIRLS CLUB (Group 4): 9:15 – 11:00am

PLEASE NOTE: Site Coordinators are expected to serve as teachers, mentors, support staff, and will be at their outreach location every day of course delivery. Please check in with your Site Coordinators, and initially bring any issues or concerns to their attention.



**13. COURSE DELIVERY FOR GROUPS 1, 2, 3 & 4 (7/13 – 7/16)**

**14. COURSE DELIVERY FOR GROUPS 1, 2, 3 & 4 (7/20 – 7/23)**

**15. COURSE DELIVERY FOR GROUPS 1, 2, 3 & 4 (7/27 – 7/30)**