

Genes, the Environment, and Me

2014 Summer Workshop

University of Washington

Genome Sciences Education Outreach



Genes, the Environment, and Me (GEM) supports teaching and learning about fundamental genetic concepts, complex diseases like type 2 diabetes that are influenced by gene-environment interactions, and how basic biomedical research is translated into clinical and public health practice. Project components include curriculum development, teacher professional development, and the annual Science and Engineering Festival in Yakima, WA.

We invite high school science teachers to join us this summer in using and revising lessons, collaborating with colleagues, and hearing interesting guest speakers. This workshop curriculum integrates well with introductory and advanced high school biology and biomedical courses such as the Project Lead the Way Biomedical Program. Preference will be given to teachers from the Yakima Valley and neighboring communities in central Washington.

The workshop will highlight two recent classroom modules that focus on the learning goals of the Next Generation Science Standards:

- Learning from Research: Genes, the Environment, and Type 2 Diabetes
- Observing gene-environment interactions in the nematode, *Caenorhabditis elegans*

Teachers who have already participated in a GEM summer workshop may join in alternate activities that reflect their prior levels of knowledge about the curricula when appropriate.

Participating teachers are invited to bring their students to the annual spring *Science and Engineering Festival* in Yakima which is co-hosted by GEM and UW GEARUP. To support participation in the festival, we will pay the cost of one bus and one substitute teacher to bring the students of GEM teachers to the festival.

SUMMER WORKSHOP APPLICATION DEADLINE IS May 23, 2014.

WHEN: June 23 - 27, 2014

8:30am - 4:30pm daily

WHERE: Heritage University, Toppenish, Washington

STIPEND, CREDITS, AND CLOCK HOURS

- \$1000 honorarium on completion of 5 day workshop
- Lunch and snacks provided
- UW graduate credits or clock hours at the teacher's expense

To apply for the workshop, please complete the registration form on the next page and submit it by email to Joan Griswold at jcgriz@uw.edu or FAX to 206-685-7301 (attention: Joan Griswold).

For more information about the workshop, please contact Maureen Munn at mmunn@uw.edu or 206-616-4538.

Registration Form: *Genes, the Environment, and Me* 2014 Summer Workshop

Please complete the registration form and submit it by email to Joan Griswold at jcgriz@uw.edu or FAX to 206-685-7301 (attention: Joan Griswold) by May 23, 2014.

Name: _____

School: _____

School address: _____

School email address: _____

School phone number: _____

Home address: _____

Secondary email address: _____

Secondary phone number: _____

School description (Please check all that apply):

Urban Suburban Rural; Public Independent

Courses and grade levels you teach:

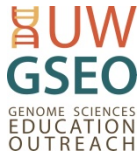
Number of years you have been teaching: _____

Other science-focused professional development workshops you have attended:

Reason for your interest in this workshop:

Dietary restrictions (Please be specific): _____

Workshop Commitment Form and Optional Principal Acknowledgement Form (next Page)



Genes, the Environment, and Me

2013 Summer Workshop

University of Washington

Genome Sciences Education Outreach



Workshop Commitment Form

Teacher Name: _____

Date: _____

If accepted into the UW *Genes, the Environment, and Me* summer workshop, I will attend all five days, and I agree to complete all homework assignments. I understand that if I do not fulfill these requirements, I will not receive the teacher stipend, clock hours, or credits. I will integrate the program materials into my classroom teaching in the 2014-2015 school year.

Teacher signature

Principal Acknowledgement Form: *Genes, the Environment, and Me* 2014 Summer Workshop

I acknowledge that _____ is attending the 2014 *Genes, the Environment, and Me* summer workshop June 23 - 27 at Heritage University and will implement teaching materials presented in his/her classroom during the 2014-15 school year.

I also acknowledge that participation in the workshop entitles this teacher to bring his/her students to the 2015 Science and Engineering Festival in Yakima, and GEM will pay the costs of one bus and one substitute teacher to make this possible. I will work with this teacher to complete the necessary school district field trip documentation for students to attend the festival.

Your name: _____

Signature

Date