

CHECK OUT
The UW-HHMI K-12
TEACHER WORKSHOPS
if you are interested in:

- *Attending a 4-week summer program that includes science field trips to local Puget Sound sites*
- *Participating in hands-on inquiry lessons with crayfish, learning about aggression in crickets, testing a glue made from slug slime, testing variables in yogurt making, collecting plankton from a canoe, identifying native conifers, making an insect collection and much more!!!!*
- *Earning FREE upper level biology credits at the University of Washington*
- *Learning how to teach investigative, experimental science so your students can design their own open-ended experiments*
- *Learning how to bring health issues into the middle school science classroom*



UW-HHMI
SCIENCE EDUCATION PROGRAMS

K-12: Teacher Outreach	<ul style="list-style-type: none"> • SILS: Summer Institute in Life Sciences • QuLLS: Quarterly Institute in Life Sciences • Visit Biology
Undergraduates	<ul style="list-style-type: none"> • Biology Fellows • Integrative Research Interns
Faculty & Postdocs	<ul style="list-style-type: none"> • Faculty Development • Future Faculty Fellows <ul style="list-style-type: none"> — Career Workshop — Teaching Apprentices
The Northwest Region NW HHMI Net	A Collaboration with: <ul style="list-style-type: none"> • University of Washington • Oregon State University • Montana State University • University of Montana

Sponsored by a grant from the Howard Hughes Medical Institute.



HHMI

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UW-HHMI INTEGRATIVE
K-12 TEACHER
OUTREACH



Program located at the University of Washington



www.biology.washington.edu/hhmi/

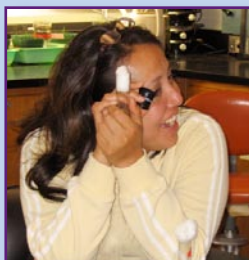
MISSION

Our teacher outreach programs provide hands-on inquiry training for K-8 teachers. We offer two popular workshops: **Summer Institute in Life Sciences (SILS)** and **Quarter Institute in Life Sciences (QuILS)**. Participants explore content-rich topics in life science, learning how to bring investigative science into their classrooms. The newer Visit Biology program provides classroom support for teachers wishing to bring K-12 students to the Botany Greenhouse and Medicinal Herb Garden.

UW-HHMI K-12 TEACHERS WORKSHOPS

“Before this class I thought science needed to be taught out of books. Now I know that science needs to be hands-on with children exploring the different aspects of science.”

— teacher, SILS 2007



Taking SILS was very exciting and I learned more than I ever imagined I would. It has changed forever the way I will teach science and I can't wait to put what I have learned into practice.

— teacher, SILS 2007

I loved the way the course was taught -- LOTS of content covered in a short amount of time.

At times, there was a lot going on... checking in on experiments, starting new experiments, writing up completed experiments, making observations on plants, etc... But that is how a science classroom should be.

— teacher, SILS 2008



PROGRAM SCHEDULE & COMPONENTS

SILS is a 4-week summer program in life science for K-8 teachers. Teachers engage in open-ended inquiries with living organisms, design experimental investigations, prepare a research poster as a teaching tool, and develop an inquiry curriculum unit. The focus is on practical ideas and tools for teaching life science (especially biodiversity and ecology), and features weekly field trips to local environments of interest. More than 400 K-8 teachers have participated in SILS since 1990. Teachers earn 7 credits of Biology 491.

QuILS is a quarter-long evening course for local middle school teachers. Typically offered during Winter Quarter, teachers meet for 3 hours one night per week to investigate a topic of relevance for middle school science, earning 2 credits of Biology 491. Offered since 2002, topics have included “Investigations with Living Organisms”, and “Human Biology and Health”. New topics are under development.

Visit Biology provides classroom resources and information for K-12 teachers who bring their students on a field trip to the Botany Greenhouse or Medicinal Herb Garden.

ELIGIBILITY AND REQUIREMENTS

SILS: Applicants must be current K-8 teachers, have a strong desire to improve their understanding of life science, and willing to commit 4 weeks of summer vacation to attending UW— that's it! Teachers from urban schools with high minority enrollment and from disadvantaged rural schools are given priority. A small stipend is available for teachers who wish to attend SILS and must travel from outside the Puget Sound area.

QuILS: Middle level science teachers are given priority. Applicants must be able to attend an evening course held on the UW Seattle campus during the academic year.



APPLICATION PROCESS

It's EASY – apply to SILS or QuILS online.
It's FREE – tuition and materials are covered by HHMI. However space is limited – both SILS and QuILS programs are limited to 20 teachers each.

APPLICATION DEADLINE

SILS: Apply anytime before April 1.

A letter of recommendation from school principal or department head is required. Selection begins April 1, teachers are sent offers of admission by April 15 and must decide by May 1 whether to accept and commit to attending SILS.

QuILS: Admission is on a first come basis.

Check the website for current course description, dates and application deadline.

Link to workshop applications and additional details are available at: <http://www.biology.washington.edu/HHMI/>

Questions about eligibility or program requirements? Contact the following people:

Helen Buttemer, SILS program organizer, instructor
helenb@u.washington.edu

Katherine Glew, Visit Biology program organizer, instructor:
kglew@u.washington.edu

