

## AN INVITATION TO JOIN THE NW HHMI

We heartily welcome the participation of faculty, staff, and students at our universities who wish to contribute to and benefit from our NW collaboration. For more information about current efforts, please contact the Program Director at your university:



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FUNDING provided by HHMI grants to the OSU, MSU, UM and UW Undergraduate Science Education Programs.

### UW-HHMI SCIENCE EDUCATION PROGRAMS

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

Sponsored by a grant from the Howard Hughes Medical Institute.



# HHMI

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## NORTHWEST HHMI NETWORK



A science education collaboration between the following universities

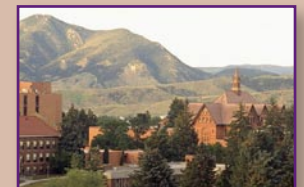
University of Washington



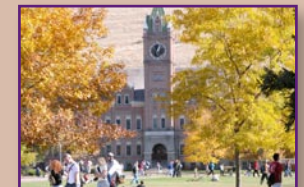
Oregon State University



Montana State University



University of Montana



[www.biology.washington.edu/hhmi/](http://www.biology.washington.edu/hhmi/)

## MISSION

The NORTHWEST HHMI NETWORK or NW HHMI NET is a collaboration between the HHMI-funded Biological Science Education Programs at Oregon State University, Montana State University, the University of Montana, and the University of Washington. The partnership was initiated in 2006 to maximize the HHMI's investment in the NW region. Through this collaboration, we share successful strategies and innovations to improve the quality of science education and broaden the training opportunities for participants of our undergraduate, faculty development, and outreach programs.

## COLLABORATIVE EFFORTS

Activities include an annual meeting in February that brings together program directors, organizers, staff, and other colleagues who contribute to our HHMI-funded efforts. Meetings focus on specific challenges identified by the group. Recent topics include: approaches for teaching intro biology courses, advanced cell biology courses, and math in biology; organizing teacher training and outreach programs; assessing undergraduate research internship programs; and supporting faculty development. Group interactions continue with the exchange of ideas and materials via conference calls and a common Web site. We have also developed avenues for OSU, MSU, UM and UW undergraduates to participate in funded research internships and research symposia at partner institutions. These off-campus experiences broaden the horizons of our students and fuel their excitement about science and research.

## PARTNERS: COMMON GROUND

OSU, MSU, UM and UW are large public research universities, each recognized for excellence in the biological sciences. Our universities have similar teaching and research missions and similar student demographics. We serve a combined population of over 70,000 undergraduates, with a large number seeking degrees in the biosciences. Each university received a four-year HHMI grant in 2006 to improve the quality of undergraduate science education and outreach.

### NW HHMI Net benefits our programs and universities by:

- Sharing best practices that promote excellence in undergraduate education
- Sharing teaching materials that improve undergraduate biology courses and curricula
- Expanding opportunities for faculty and undergraduate researchers at all four universities
- Sharing materials developed for K-12 teacher training and outreach
- Collaborating on developing and testing appropriate instruments for program assessment
- Expanding the reach and impact of HHMI-funded efforts within our universities and the NW region

### NW HHMI Net benefits our undergraduates through an exchange program that includes:

- Funded opportunities to participate in Research Internships at partner universities, including:
  - OSU's Summer Undergraduate Research Fellowship Program
  - MSU's Complex Biological Systems (CBS) Summer Research Program
  - UM's Montana Integrative Learning Experience for Students (MILES)
  - UW's Friday Harbor Research Apprenticeship Program at Friday Harbor Labs

- Travel funds to participate in Undergraduate Research Symposia at partner institutions

Students present research talks or posters and explore graduate and professional training opportunities while visiting our campuses.

- Funded opportunities to participate in inter-institutional research collaborations. Faculty with inter-institutional research collaborations can apply to the NW HHMI Net to co-mentor a student for an HHMI-funded summer research internship.

