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University of Montana	
MILES: Montana Integrative Learning Experience for Students	http://miles.dbs.umt.edu/
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Oregon State University	
HHMI Program at OSU	http://oregonstate.edu/dept/biochem/hhmi/
Dan Arp, HHMI Program Director Professor & Chair, Plant Biology & Pathology	arpd@science.oregonstate.edu
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University of Washington	
UW-HHMI Science Education Programs	http://monera.biology.washington.edu/hhmi/
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Northwest HHMI Network Meeting #1
Sunday, May 6, 2007 2:30 p.m. UW Hitchcock Hall

Program overviews to address:

What are the priorities for your institution's undergrad bio ed /curriculum/outreach?

What are the major components of your HHMI programs?

Which components might benefit the most from the NW HHMI Net?

What should our partnership look like in Year 1 and beyond?

What form of communication is the most effective between NW meetings?

Dinner on the Ave (walking distance from the UW)

Monday, May 7, 2007

9:00 – 11:00 Introductory Biology Lab Discussion Group, HCK 216

UW **Eileen O'Connor, Leslie Zeman, Bette Nicotri, Brian Buchwitz**

OSU **Dan Arp, Indira Rajagopal**

MSU **Gwen Jacobs, Anneke Metz**

UM **Bill Holben, Kate Tran**

9:00 – 11:00 Advanced Cell Biology Group Discussion Group, HCK 312

UW **Alison Crowe, Merrill Hille, Linda Martin-Morris, Barbara Wakimoto, Jennifer Nemhauser**

OSU **Barb Taylor, Kevin Ahern**

MSU **Roger Bradley**

11:00 – 1:00 Math /Modeling in Biology Discussion Group, HCK 312

UW **Carl Bergstrom, Tom Daniel, Bette Nicotri, Brian Buchwitz**

MSU **Gwen Jacobs**

UM **Bill Holben**

11:00 – noon Outreach Group, HCK 216

UW **Helen Buttemer, Katie Glew, Barbara Wakimoto**

OSU **Dan Arp**

MSU **Cali Morrison, Anneke Metz, Roger Bradley**

UM **Kate Tran**

Noon – 1:30 Undergraduate Research Discussion Group, HCK 318

UW **Brian Buchwitz, Nomi Odano, Barbara Wakimoto**

OSU **Kevin Ahern, Dan Arp**

MSU **Cali Morrison, Anneke Metz, Roger Bradley**

UM **Kate Tran, Bill Holben**

1:30 – 3:00 Summary Session

What did we learn from this meeting?

What should our network look like in Year 2, 3, 4?

How shall we share information on a continuing basis?

Progress reporting and evaluation

**Northwest Net HHMI Second Annual Meeting at OSU
February 22-23, 2008**

The second meeting of the Northwest Net was held February 22-23 on the campus of Oregon State University. The meeting followed the format that was successful at our first meeting at the University of Washington a year earlier. The purpose was to foster cooperation and sharing of best practices in the HHMI program areas where the four participating HHMI programs have overlap. Participants were from four Universities (see names, positions, and contact information in table below).

Meeting Participants

	Name	Position	Session	E-mail address
OSU	Dan Arp	Program Director	Assessment	arpd@science.oregonstate.edu
	Barb Taylor	Zoology Faculty	UG Curriculum	taylorb@science.oregonstate.edu
	Bob Mason	Biology Director	UG Curriculum	masonr@science.oregonstate.edu
	Kevin Ahern	UG research	UG Research	ahernk@onid.orst.edu
	Indira Rajagopal	Instructor, Honors College	UG curriculum	rajagopi@onid.orst.edu
	Eda Davis-Lowe	SMILE	Outreach	eda.davislowe@smile.oregonstate.edu
	Margie Haak	Science Connections	Outreach	Margie.Haak@oregonstate.edu
	Celeste Barthel	Science Connections	Outreach	barthelc@onid.orst.edu
	Gail Gerdemann	SEPS	Outreach	gerdemag@science.oregonstate.edu
	Kari van Zee	SEPS	Outreach & Instructor	kari.van.zee@mail.com
UW	Barbara Wakimoto	Program Director	Assessment	wakimoto@u.washington.edu
	Helen Buttemer	Program Organizer Biology Faculty	K-12 Outreach	helenb@u.washington.edu
	Katie Glew	Program Organizer	Outreach	kglew@u.washington.edu
	Brian Buchwitz	Program Organizer	UG Research	bjb@u.washington.edu
	Nomi Odano	Program Manager	Assessment	odano@u.washington.edu
	Linda Martin-Morris	Biology Faculty	Curriculum	lmorris@u.washington.edu
UM	Bill Holben	Program Director	UG Research	bill.holben@mso.umt.edu
	Kate Tran	Program Coordinator	Curriculum	kate.tran@umontana.edu
MSU	Gwen Jacobs	Program Director	Curriculum	gwen@cns.montana.edu
	Cali Morrison	Program Coordinator	Assessment	calim@cns.montana.edu
	Anneke Metz	CBN Faculty	UG Research	anneke@montana.edu

During the Friday afternoon session (1:30-5:00) we heard program overviews and updates for each of the four HHMI programs. We learned about the status of web page maintained by the University of Montana for the purposes of sharing information and opportunities about our programs, including best practices and opportunities for undergraduate research. We moved to a discussion of our goals for the next day where we were scheduled to break into three sessions. We had originally planned to have one group talk about assessment, while other groups focused on Undergraduate Curriculum, Outreach, and Undergraduate Research. However, we soon reached the conclusion that assessment was too integrated with each of the other topics to be separated, and that the needs of assessment for each group were

distinctly different. We rearranged the Saturday session to include assessment in each group, and then came together at the end of the morning for a general session on assessment.

Dinner on Friday evening was at the home of Dan and Wanda Arp. This informal setting gave participants an opportunity to get to know each other better and continue the sharing of information and ideas that began in the afternoon.

The meeting on Saturday began at 8:30 and ran until noon. The three groups (Outreach, Undergraduate Curriculum, and Undergraduate Research) met from 8:30-11:00 and the entire group assembled from 11:00-noon to discuss highlights from the smaller group meetings and to discuss assessment needs and initiatives.

University of Montana:

Bill Holben, PI
Lisa Mills, HHMI – Curriculum
Jon Graham- MILES Core Faculty
Jesse Johnson- MILES Core Faculty
Jaye Melcher-MILES Assessment Director
Kate Tran-Program Coordinator

Oregon State University

Dan Arp, PI - Director of Outreach
Kevin Ahern, Undergraduate Research
Gail Gerdemann, Outreach
Bob Mason, Curriculum
Bryan Rebar, Outreach
Indira Rajagopal, Curriculum
Barbara Taylor, Curriculum
Kari van Zee, Curriculum/Outreach
Jay Well, Outreach

University of Washington

Barbara Wakimoto, PI and Director
Brian Buchwitz, Undergrad Research
Helen Buttemer, Outreach
Katie Glew, Outreach
Janet Germeraad, Undergrad Advising Department of Biology
Scott Freeman, Lecturer, Dept. of Biology

Montana State University

Gwen Jacobs, PI and Director
Anneke Metz, Curriculum and Undergrad Research
Nick Lux, Assessment
Marjorie Old Horn, AIRO Program Director, Outreach
Cathy Cripps, Department of Plant Sciences, Curriculum
Meagan Snodgrass, HHMI Biology Laboratory Coordinator
Roger Bradley, Curriculum

McLaughlin Research Institute

George Carlson, PI and Director

Gonzaga University

Nancy Staub, PI and Director

HHMI

Andrew Quon, Program Officer, Program for Universities
Patricia Soochan, Program Officer, Program for Colleges

Friday, Feb. 20, 2009

1:00PM: Welcome and Introductions: Gwen Jacobs, PI and Director – Ag Biosciences Building, Room 108

1:15PM: Program Year Highlights: University of Washington, Oregon State University, University of Montana, Montana State University

2:15PM: New NWNNet Members Program overview: Gonzaga University, McLaughlin Research Institute

2:45PM: Break

3:00PM: Invited Speakers: Scott Freeman, University of Washington and Anneke Metz, Montana State University: Science Education Research in the classroom and laboratory: Success stories and challenges.

4:00PM: MSU Campus Tour: Inquiry based labs, New laboratory construction project

5:00PM: Depart for dinner at Gwen Jacobs' home. Directions attached.

Saturday, Feb 21st

8:00AM: Breakfast, Leon Johnson Hall 346

9:00 AM: Breakout Groups: information sharing and logic model discussion

- Undergraduate Research (Leon Johnson Hall 346)
 - Group Leader: Kevin Ahern, OSU
- Curriculum Development (Leon Johnson Hall 108)
 - Group Leader: Anneke Metz, MSU
- Outreach Activities (Leon Johnson Hall 240)
 - Group Leader: Helen Buttemer, UW

11:00AM: Report from breakout groups, Leon Johnson Hall 346

11:30AM: Lunch & Discussion: Strategies for new directions for the HHMI Northwest Network, Leon Johnson Hall 346

1:00PM: Adjourn