

Time to make summer plans!

To Apply:

Teachers have the opportunity to continue their interaction with Institute faculty and staff throughout the academic year. Seminars aimed at improving scientific literacy and public support for science education provide continuity with the summer program

Stipends are paid to all participants to minimize any financial barrier to participation.

Internships begin Wednesday, **June 8, 2011** and will end Wednesday, **August 10, 2011** (1st summer teachers) or Wednesday, **August 3, 2011** (2nd summer teachers)

To apply, send a one to two page letter describing your interest and educational philosophy, along with a *curriculum vitae*, by **March 15, 2011**, to:

McLaughlin Research Institute
Attn: HHMI Teacher Program
1520 23rd Street South
Great Falls, MT 59405

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Great Falls, MT 59405
Address Correction Required

HHMI/MRI Teacher Internships -- 2011 --

McLaughlin Research Institute

*Committed to serving as an
educational resource for students
and teachers in Montana.*



2010 Teacher Cohort

Tel: (406) 452-6208

www.montana.edu/wwwmri/

SCIENCE EDUCATION— High School Teacher Program

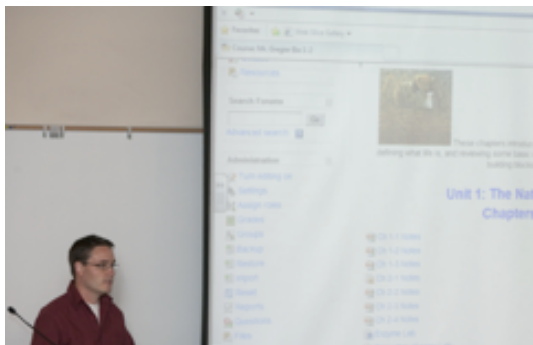
A Two-Summer Program

McLaughlin Research Institute is committed to serving as an educational resource for students and teachers in Montana.

Summer research internships for talented high school students have been available since 1954, when Great Falls High School student, Irving Weissman, worked in the lab of the Institute's founder, Dr. Ernst Eichwald. Dr. Weissman now chairs the Institute's Scientific Advisory Committee and is Director of Stanford University's Stem Cell Biology and Regenerative Medicine Institute. With the goal of improving science education and fostering critical thinking for as many students as possible, the summer internship program has been expanded to include college students and high school teachers. This effort has been made possible by a grant from the Howard Hughes Medical Institute K-12 Science Initiative. **Minorities are particularly encouraged to apply to these programs.**

First Summer: Research

This new program was made possible by a grant from the **Howard Hughes Medical Institute**. Successful applicants will spend 9 weeks in the laboratory of one of the Institute's faculty actively engaged in an on-going research program. In addition to providing hands-on experience in investigational science, the teachers will observe and interact with high school and college students in a laboratory learning environment rather than in a class room. Workshops, journal clubs, and seminars supplement the research experience. Each teacher will give a formal presentation at the end of the 9 weeks summarizing his or her project.



Second Summer: Educational

The summer following their laboratory experience, teachers will work for 8 weeks at the Institute with their peers on educational issues, development of new teaching tools, and mentoring high school students entertaining the possibility of teaching science as a career. Mr. Tom Cabbage of C.M. Russell High School leads this portion of the program. Interaction with education professionals at Montana's Universities and at the Institute for Systems Biology in Seattle adds to the experience. **An additional goal for the teachers is to identify strong science students in their freshman and sophomore years who have the potential to become good teachers and guide them in their course choices.** It is possible for the teachers to earn continuing education credits and/or experience toward a degree.

