

**Opportunities for NFM and ITL Faculty via W&J's  
2008 HHMI Undergraduate Biological Science Education  
Program Grant (2008-2012)\***

**For Year 3 (2010-11)**

9/10 (A.G. Lee)

**Student/Faculty Research**

- **On-Campus Summer Research Program on a Biologically-Related Project**
  - ONE on-campus 10-week summer research teams in Year 3 as follows:
    - \$4,000 stipend for each of six students (three per project team)
    - College will give students free housing for the 10 weeks
    - Faculty stipend: \$6,000 per faculty member leading the project team (2 stipends). Note: Stipends can be split between teams of 2 or more faculty.
    - \$3,000 supply budget per project team
  - *To apply, please send a statement of intent to Ron Bayline and Tom Contreras, and copy it to Alice Lee by October 31. **Proposals with an estimated budget are due by December 1.***
  - *Preference will be given to proposals integrating biology with math and information technology, especially in the areas of long-term ecological monitoring (LEM) at the Abernathy Field Station, molecular bioinformatics/mathematics/computational biology.*
  - *Please contact Ron Bayline or Tom Contreras for help with developing your proposal.*
  
- **On-Campus Academic Year Research with Students on Biologically-Related Projects**
  - 10 students per year in Year 3 at up to \$1,000 per student for supplies:
    - 2 projects in LEM
    - 2 projects in Bioinformatics
    - 2 in Math/Computational Biology
    - 4 additional projects
  - *To apply, please send a proposal using the college's independent study form **with an estimated budget** to Ron Bayline and Tom Contreras, and copy it to Alice Lee.*
  - **Fall Deadline: ASAP; Intersession Deadline: Nov. 1; Spring Deadline Jan. 1.**

*\*Also posted on the W&J HHMI Grant webpage.*

- **Travel to Meetings to Present Student Research Results**
  - Travel expenses per year for students and accompanying faculty member to present results HHMI-supported research at national and regional conferences in Year 3. The grant will support or defray costs for 1-2 trips per year, with the budget limit \$4,000 per year (total yearly HHMI grant budget).
  - *To apply, please send a short proposal with an estimated budget to Alice Lee at least one month in advance of the meeting.*

## **Faculty Development**

- **Faculty Travel to Meetings Related to LEM**
  - Faculty trips per year in Year 3, with a budget limit of \$4,000 per year (total yearly HHMI grant budget).
  - *To apply, please send a short proposal with an estimated budget to Alice Lee at least one month in advance of the meeting.*
- **Student-Mentor-Faculty Collaborations**
  - Support to defray costs for faculty and student(s) collaborating with mentors in an off-campus laboratory, field site or other location in Year 3 with a budget limit of \$1,500 per year (total yearly HHMI grant budget).
  - *To apply, please send a short proposal with an estimated budget to Candy DeBerry and Alice Lee at least one month in advance of the start of the work.*

## **Curriculum Development**

- **Supplies to support LEM Curriculum Development Projects**
  - Supplies to integrate LEM projects in existing courses in Year 3. \$5,000 (total budget) for YR3.
- **Supplies to support Bioinformatics Curriculum Development Projects**
  - Supplies to integrate bioinformatics projects in existing courses in Year 3. \$7,100 (total budget) for YR3.
  - *To apply, please send a short proposal to Alice Lee describing the project, timeframe for implementation, and anticipated benefit to the course/program. If supplies are requested, please include an **anticipated budget**. (No deadlines.)*

### **Obligations of Funded Faculty and Students:**

- *All faculty and students supported by the HHMI grant will be required to make a presentation of their work at the annual HHMI External Advisory Board*

*Meeting held the spring. In addition, all funded faculty members will be required to submit a short written report of their work to Alice Lee in a timely manner (mid-September each year) so that she can prepare the HHMI annual program report and financial report (both due in October, annually).*

- *Please also encourage students to apply for HHMI-supported summer and Intersession internships. Students should contact Dr. DeBerry, see the Internships listing, proposal forms and guidelines on the Biology Homepage, and plan to attend the internship information meeting in Fall 2010—which will be announced. Proposals for Intersession will be due November 19; proposals for Summer will be due March 18, 2010.*
- *NOTE: e-copies of proposals are requested, please.*

### **Contact Information:**

- **Program Director:** Alice Lee (X5238) [aglee@washjeff.edu](mailto:aglee@washjeff.edu)
- **On-Campus Research Co-Directors:**
  - **LEM:** Tom Contreras (X6118) [tcontreras@washjeff.edu](mailto:tcontreras@washjeff.edu)
  - **Molecular Bioinformatics:** Ron Bayline (X3406) [rjbayline@washjeff.edu](mailto:rjbayline@washjeff.edu)
- **Off-Campus Research Internship Director:** Candy DeBerry (X6120) [cdeberry@washjeff.edu](mailto:cdeberry@washjeff.edu)