

Howard Hughes Medical Institute
Summer Teachers' Workshop
at Amherst College
Amherst, MA

BIOLOGY IN THE GENOMIC AGE

2007 APPLICATION

Workshop Dates: July 8-20, 2007

Application Deadline: March 16, 2007

**Accepted candidates will be notified
by e-mail on or before
April 13, 2007**

Instructions:

- Type or print clearly
- Use blue or black ink
- Send completed application, essay and letter of recommendation to:
Marilyn Hebert
Biology Department
Amherst College
Amherst, MA 01002-5000

PERSONAL INFORMATION

Name: _____ Mr. ___ Mrs. ___ Ms. ___ Dr. ___

Home address: _____ Home telephone: _____

_____ E-mail address: _____

SCHOOL INFORMATION

School name: _____

Your position there: _____

School address: (include ZIP) _____

Telephone: _____ FAX: _____

Will you be continuing in your present position in the 2007-2008 school year? Yes ___ No ___

If no, please explain: _____

Type of school: Public ___ Private ___

If public, school district: _____

Name of Principal, Head of School or Department Chair _____

Number of students in school enrolled in grades 9 through 12:

___ less than 100 ___ 101-500 ___ 501-1000 ___ 1001-1500 ___ 1501-2500 ___ over 2500

Estimated composition of the student population served by your school:

___% African-American ___% Hispanic ___% Other
___% American Indian or Alaskan Native ___% White (non-Hispanic)
___% Asian or Pacific Islander ___% Multi-Ethnic

The community in which you teach is best described as:

___ rural ___ small urban (population 100,000-500,000)
___ suburban ___ large urban (population over 500,000)

EDUCATION

Undergraduate institution: _____

Major/Minor: _____ Degree: _____ Year: _____

Graduate institution: _____

Specialization: _____ Degree: _____ Year: _____

Graduate institution: _____

Specialization: _____ Degree: _____ Year: _____

TEACHING EXPERIENCE AND PROFESSIONAL DEVELOPMENT

Number of years teaching science: _____

Grades and subjects taught in the last five years: (please list all)

What subjects do you expect to teach during the 2007-2008 academic year? (please list all)

List any school or professional activities you have been involved in, or leadership positions you have held, that relate to science education: _____

List any summer or sabbatical exploration experiences in biology that you have had outside the classroom: _____

OTHER EMPLOYMENT

List any other relevant employment positions in the sciences:

CONTENT AND PEDAGOGY

Describe the extent, if any, to which you have previously studied DNA science and undertaken scientific laboratory research involving genetics and/or genomics:

How will you share with colleagues what you learn at this workshop?

ESSAY QUESTION

Please attach a short (less than 1 page) typed essay describing how you think this workshop will enhance your teaching of modern biology.

LETTER OF RECOMMENDATION

We require a letter from your principal, school head, or department chair, which discusses your concern for students and science teaching, your ability to integrate new material into existing curricula, and your activities, inside and outside the classroom, that demonstrate your commitment to biology and/or related fields. This letter must be typed on school letterhead and signed by your principal, school head, or department chair. If possible, please include the letter in a separate, sealed envelope in a single mailing packet with the application form and essay.