

## ANNOUNCING

**NSF-SPONSORED 2005 SUMMER DNA MICROARRAY WORKSHOPS  
HBCU AND TRIBAL COLLEGE FACULTY SOUGHT  
JULY 27 – AUGUST 1, 2005  
MOREHOUSE COLLEGE - ATLANTA, GEORGIA  
[www.bio.davidson.edu/projects/GCAT/workshop3.html](http://www.bio.davidson.edu/projects/GCAT/workshop3.html)**

**ORGANIZERS:** Dr. A. Malcolm Campbell (Davidson College), Dr. Edison R. Fowlks (Hampton University), and members of the Genome Consortium for Active Teaching (GCAT; [www.davidson.edu/GCAT](http://www.davidson.edu/GCAT)).

**DATES:** We will offer two complete workshops - half wet lab/half dry lab. Workshop #1 will run July 27 - July 31 and workshop #2 will run July 28 - August 1.

**PURPOSE:** The primary goal of these workshops is to provide genomic training to faculty teaching high proportions of African American and Native American students, as well as faculty of color. However, GCAT and the NSF do not set quotas so we will accept all applications and make our selection based on criteria published with the application materials.

**VENUE:** These workshops will be held on the Morehouse campus in Atlanta, GA.

**PLANNED ACTIVITIES:** The workshops will provide background information and readings on microarrays; software training; hands-on experience with data analysis; and wet-lab experiences with DNA microarray probe production and hybridization.

**EXPECTED OUTCOME:** Workshop participants are expected to integrate microarray technology into their courses or student-research. Provide opportunities for undergraduates to work with real DNA microarray data so they can discover first hand how biology is an informational science, and organisms are complex systems.

**COST:** All expenses will be paid with one condition: You have to pay your own transportation up front, but this expense will be reimbursed up to \$500.00 IF you submit a plan of action to incorporate what you have learned into your curriculum (course work and/student research) and a copy of your travel receipts. If you cannot afford to pay for the upfront airfare, we will accept petitions for exemption from this conditional funding. You will be expected to purchase the lowest possible airfare but if your travel costs more than \$500, you may petition for special consideration.

**SELECTION CRITERIA:** Participants will be selected from applicants with an effort to maximize the impact on faculty who teach a high proportion of African and Native American students. GCAT and the NSF do not set quotas so we will accept all applications.

**MAIL APPLICATIONS TO:** Dr. Edison R. Fowlks, Professor, Department of Biological Sciences, 101 DuPont Hall, Hampton University Hampton, VA 23668 or **email** to [edison.fowlks@hamptonu.edu](mailto:edison.fowlks@hamptonu.edu) or to [maccampbell@davidson.edu](mailto:maccampbell@davidson.edu)

**APPLICATION RECEIPT DUE DATE:** APRIL 15, 2005  
[www.bio.davidson.edu/projects/GCAT/workshop3.html](http://www.bio.davidson.edu/projects/GCAT/workshop3.html)