BIOMEDICAL SUMMER RESEARCH OPPORTUNITIES FOR UNDERGRADUATE STUDENTS
AND PREP PROGRAMS FOR POST-BACCALAUREATE

(Compiled by EV Lopez, FIU MBRS Program, December 12, 2003)

Albany Medical College
Albany, NY

PREP: Addressing Health Disparities

(Post-Baccalaureate Research Education Program)

Craig S. Parker, PREP Admissions Coordinator
parkercs@mail.amc.edu
518-262-0974

Albert Einstein College of Medicine
Bronx, NY

Summer Undergraduate Research Program (SURP)

www.aecom.yu.edu/sggd

Duration: 9 weeks

Fellowship dates: June 14, 2004-August 10, 2004

Application Deadline: online application may be completed beginning November 15th and application deadline is February 15, 2004; it is recommended you apply as early as possible.

Other info: Housing and stipend provided.

Minority Students Summer Research Opportunity Program

Office of Minority Student Affairs

Nilda Soto, Assistant Dean
(718) 430-3091
Duration:  8 1/2 weeks

Fellowship dates:  summer


Other info:  Sophomore and Juniors; Black, Latino/Hispanic or Native American ethnic status; housing, fellowship stipend, and travel stipend provided.

**American Society for Microbiology**

(Opportunities at Albert Einstein College of Medicine, Bronx, NY, Tufts University School of Medicine, Boston, MA or other institutions.)

ASM Undergraduate Research Fellowship


Duration:

Application Deadline:  February 1, 2004

Other info:  Joint application from both the student and faculty mentor.


**ASM Minority Undergraduate Research Fellowship Program (MURF)**

Duration:  8-12 weeks

Application Deadline:  February 1, 2004

Other info:  Minority status; freshman with college level research experience, sophomore, junior, or senior who will not graduate before the completion date of the summer program.

**Baylor College of Medicine**

Houston, Texas

Summer Medical And Research Training Program (SMART)

[http://www.bcm.tmc.edu/smart](http://www.bcm.tmc.edu/smart)

Fellowship dates:  June 1, 2004-July 30, 2004
Applications available: Nov. 1, 2003
Applications accepted: Dec. 1, 2003
Application Deadline: must be postmarked February 1, 2004
Other info: competitive compensation, housing at a reasonable cost.

**Boston University School of Medicine**

Boston, Massachusetts

Summer Research Training Program sponsored by The National Heart, Lung and Blood Institute (NHLBI)

[www.bumc.bu.edu/oma](http://www.bumc.bu.edu/oma)

Duration: ten weeks

Application Deadline: February 29, 2004

Other info: Stipend, housing, and roundtrip transportation to and from Boston provided.

**Boston University College of Engineering**

Boston, Massachusetts

Research Experiences for Undergraduate (REU) in Biomedical Engineering


REU dates: June -August 2004 (10 weeks)

Application Deadline: March 1, 2004 (applications will be available after January 1, 2004)

Other info: Current college sophomore or junior standing.

**California State University, Los Angeles**

Los Angeles, California

Biomedical Post-baccalaureate Research Education Program (BIOMED PREP)

[www.calstatela.edu/moreprograms](http://www.calstatela.edu/moreprograms)

Application Deadline: April 30, 2004
Caltech
Pasadena, California
MURF Fellowships Program

http://www.murf.caltech.edu/

Program Dates: June 14-August 20, 2004 (8 to 10 weeks)

Application Deadline: December 19, 2003

Other info: Stipend and housing allowance provided.

Center for Disease Control and Prevention (CDC)
(Majority of positions in Atlanta, Georgia (a few in FT. Collins, Colorado and San Juan, Puerto Rico)

Summer Student Employment Program

https://www2.cdc.gov/careers/summerstart.htm

Duration: 9 weeks

Fellowship dates: June

Application Deadline: January 31, 2004

Other info: student responsible for travel and housing, salary depend on duties and experience; students graduating in spring eligible to participate in the program

Note: Above information is based on 2003 program. 2004 program information will be available at above URL in early December 2003.

Information about other student/intern programs may be found at:

http://www.cdc.gov/hrmo/intern.htm

Cold Spring Harbor Laboratory

Watson School of Biological Sciences

Cold Spring Harbor, New York

Summer Undergraduate Research Program (URP)

http://www.cshl.org/URPsite?URP.html
Program Dates: June 13-August 21, 2004
Application Deadline: February 1, 2004
Other info: Matriculated sophomore or junior with a strong academic background.

Committee on Institutional Cooperation (University of Chicago, University of Illinois at Chicago, University of Illinois at Urbana-Champaign, Indiana University, University of Iowa, University of Michigan, Michigan State University, University of Minnesota, Northwestern University, Ohio State University, Pennsylvania State University, Purdue University, University of Wisconsin-Madison, University of Wisconsin-Milwaukee)

Summer Research Opportunities Program (SROP)
http://www.cic.uiuc.edu/
Duration: 8-10 weeks
Application Deadline: February 2, 2004 (apply online)
Other info: minority status; targeted at college sophomores or juniors but any undergraduate student can apply.

Cornell University
Ithaca, NY

Cornell/Rockefeller/Sloan-Kettering Tri-Institutional Campus (4 programs*)
New York, New York

Advancing Cornell Career Experiences for Science Students (ACCESS)*
http://www.med.cornell.edu/education/minority.summer.programs/access.html
Application Deadline: must be received by February 2, 2004
Other info: Under-represented minority college students; stipend, travel expenses, subsidized on campus housing is provided.

Sloan-Kettering Institute Summer Research Internship Program*
Program Duration: 10 weeks
Application Deadline: February 1, 2004
Other info: Freshmen, sophomores, or juniors who are contemplating a career in biomedically related sciences; stipend provided.

The Travelers Summer Research Fellowship Program for Premedical Minority Students*

http://www.med.cornell.edu/travelers/minor.pdf

Program Dates: June 28, 2004-August 13, 2004

Application Deadline: March 2004

Other info: Underrepresented minority juniors who have completed first semester of the junior year and are interested in medical school.

Gateways to the Laboratory Summer Program*

www.med.cornell.edu/mdphd/summer.html

Application Deadline: February 1, 2004

Other info: Freshman and Sophomore underrepresented minority students who are contemplating pursuing a combined MD-PhD training.

Cornell Leadership Alliance Summer Research Program

Cornell contact person: Pamela Davis, 607-255-8246

http://www.theleadershipalliance.org/

Program Duration: 9 weeks

Application Deadline: February 1, 2004

Other info: Students must have completed two but not more than seven semesters (students interested in law school, business school, or medical school/clinical medicine are not eligible). Stipend, round trip travel, and housing in a dormitory on campus provided.

REU Program in Observation Astronomy

Contact Person: Elizabeth Humbert, SEH35@CORNELL.EDU or 607-255-2710

http://www.astro.cornell.edu/REU
Application Deadline: February 2, 2004

**Cornell Center for Materials Research**

Contact Person: Lynda Keister, LMK3@cornell.edu or 607-255-0633

www.ccmr.cornell.edu/reu

Application Deadline: rolling (latest date: April 30, 2004)

Early Decision notification date: January 31, 2003

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Cornell Hughes Scholars Summer Research Program

Contact Person: Pamela Davis, pd43@cornell.edu or 607-255-8246

http://www.bio.cornell.edu/research/hughes.cfm

Application Deadline: February 19, 2004

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**Engineering Summer REU Program**

Contact Person: Lisa Schneider, life_eng@cornell.edu or 607-255-9622

http://www.engineering.cornell.edu/research/ugresearch

Application Deadline: Check with program contact person

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**Food Science Summer Scholars Program**

Contact Person: Jeannette Robbins, jmr65 or 607-255-9622

http://www.foodscience.cornell.edu/fsscholars.htm

Application Deadline: February 13, 2004

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**HIV Education Project**

Contact Person: Jennifer Tiffany, jst5@cornell.edu or 607-255-1942

http://www.human.cornell.edu/pam/extensn/hiv aids
Field research on HIV projects may possibly include NYC/ Mostly volunteer positions

**Mathematical and Theoretical Biology Institute (MTBI) Summer Research Program for Undergraduates**

Contact Person: Dr. Carlos Castillo-Chavez, cc32@cornell.edu or 607-255-0313

http://www.bscb.cornell.edu/MTBI/

Application Deadline: March 1, 2004

**Research Experience for Undergraduates Program in Mathematics**

Contact Person: Robert Strichartz, mathreu@cornell.edu or 607-255-3509

http://www.math.cornell.edu/Undergraduate/REU/REU.htm

Application Deadline: TBA in early 2004

**Nanobiotechnology Center Research Experience for Undergraduates (NBTC REU)**

Contact Person: Anna Waldron, amw37@cornell.edu or 607 254-5371

www.nbtc.cornell.edu/edu_undergrad.htm

Application Deadline: March 15, 2004

**The National Nanofabrication Users Network Research Experience for Undergraduates Program**

Contact Person: Melanie-Claire Mallison, malison@cnf.cornell.edu or 607-255-2329

www.cnf.cornell.edu/cnf/REUhomepage.html, application: http://www.nnun.org/

Application Deadline: February 27, 2004

**NASA/NY Space Grant Summer Undergraduate Research Program**

Contact Person: Elizabeth Humbert, SEH35@CORNELL.EDU or 607-255-2710

http://astrosun.tn.cornell.edu/SpaceGrant/
Application Deadline: February 2, 2004

Shoals Marine Laboratory in Maine

Research Experiences for Undergraduate (REU) Fellowships

Contact Person: Laurie Johnson, SHOALS-LAB@cornell.edu or 607-255-0743

http://www.sml.cornell.edu/research/pr-uo.htm

Application Deadline: Follow up with program contact person

Dartmouth

Hanover, New Hampshire

Summer Undergraduate Research Fellowship (SURF)

Molecular and Cellular Biology Program

http://www.dartmouth.edu/~surf/

Duration: 10 weeks

Application Deadline: February 1, 2004

Other info: Participants receive stipend, housing, and travel.

Duke University

Durham, North Carolina

Summer Research Opportunity Program (SROP)

www.duke.edu/web/srop

Duration: 10 weeks

Application Deadline: February 13, 2004

Other info: Stipend, on-campus room, travel assistance and food allowance provided.

Duke Post-baccalaureate Research Education Program (PREP)
Application Deadline:  Rolling admissions.

Other info: For underrepresented minorities who have completed their bachelors degree within last three years, US citizens or permanent residents, one or two years research experience, stipend provided.

Environmental Protection Agency

http://www.epa.gov/ncer/

GRO Undergraduate Fellowship Program


Funds for the last two years of an undergraduate program in environmental studies.

Application Deadline:  January 6, 2004

Other info: Monthly stipend, expense allowance, and tuition and fees, at least “B” average, US citizens, permanent residents, and resident aliens with green cards may apply.

GRO Undergraduate Summer Internships

Program Dates:  Summer between first and second years of support in EPA’s Undergraduate Fellowship Program.

Other info:  Summer stipend and relocation allowance

Georgia Tech/Emory Center for the Engineering of Living Tissues

Atlanta, Georgia

Summer 2004 Research Experience for Undergraduates (REU)

http://www.gtec.gatech.edu/

Duration:  10 weeks

Program Dates:  May 19, 2004-July 28, 2004

Application Deadline:  February 9, 2004
Other info: Junior or Senior standing as of May 2004, majoring in engineering or the sciences; US citizen or permanent resident; stipend and housing in Georgia Tech dorms provided.

**Harvard Medical School** (2 programs)

Division of Medical Sciences

Boston, MA

**Summer Honors Undergraduate Research Program (SHURP)**

[http://www.hms.harvard.edu/dms/diversity/shurpintro.html](http://www.hms.harvard.edu/dms/diversity/shurpintro.html)

Duration: 10 weeks

Fellowship Dates: June 6-August 14, 2004

Application Deadline: February 2, 2004

Other info: Stipend, housing at the medical school dormitory, travel to and from program provided; application available in OE 219.

**Four Directions Summer Research Program (FDSRP)**

[http://www.hms.harvard.edu/dms/diversity/fdsrpintro.html](http://www.hms.harvard.edu/dms/diversity/fdsrpintro.html)

Duration: 8 weeks

Fellowship Dates: June 18-August 14, 2004

Application Deadline: February 16, 2004

Other info: Pre-medical or post-baccalaureate students with demonstrated commitment to Native American communities (students not taking the August MCAT during the program); application available in OE 219.

**Harvard School of Public Health**

Division of Biological Sciences

Boston, MA

**Undergraduate Internship Program for Minority Students**

[http://www.hsph.harvard.edu/sip/](http://www.hsph.harvard.edu/sip/)

Summer following sophomore or junior years

Duration: 9 weeks
Program Dates: June 14-August 13, 2004
Application Deadline: February 13, 2004
Other info: US citizen or permanent resident; African-American, Mexican-American, Chicano, Native American, Pacific Islander, or Puerto Rican; stipend, travel allowance, and free dormitory housing provided.

Massachusetts General Hospital (teaching affiliate of Harvard Medical School)
Boston, Massachusetts

Summer Research Trainee Program
http://www.massgeneral.org/mao/srtp.html
Duration: 8 weeks
Program Date: starting day of June 14, 2004
Application Deadline: March 1, 2004
Other info: Latino/Hispanic, African-American/Black, Native American, Native Hawaiian and Alaskan Natives students who have completed at least three years of college and/or first and second year medical students; US citizens or permanent residents.

Indiana University (2 programs)
Bloomington, Indiana

Research Experiences for Undergraduate (REU) in Molecular Biology and Genetics
http://www.bio.indiana.edu/undergrad/opportunities/mbgreu/index.html
REU Internship dates: May 26-August 4, 2004
Application Deadline: February 6, 2004
Other info: Stipend, room and board in the Indiana University graduate dormitory, and travel expenses to and from the University provided.; US citizen or permanent resident.

Undergraduate Summer Internships in Animal Behavior
http://www.indiana.edu/~animal/academics/reu.html
REU Internship dates: May 24-July 31, 2004
Application Deadline: February 15, 2004 (students who submit by Feb. 2 will be given priority)

Other info: US citizen or permanent resident; stipend, room and meal plan, travel to and from the University.

Johns Hopkins University
Bloomberg School of Public Health
School of Medicine
Baltimore, MD

Minority Summer Internship Program (MSIP)
http://www.hopkinsmedicine.org/graduateprograms/msip.cfm

Students who have completed two or more years of college
Duration: 9-10 weeks
Application Deadline: February 1, 2004 (earlier submission is appreciated)
Other info: Minority students and other students from economically disadvantaged backgrounds; stipend and housing provided. Research opportunities available in three areas: Basic Science Institute, Bloomberg School of Public Health, Pulmonary and Critical Care Medicine. Applications available in OE 219.

Hopkins Postbaccalaureate Research Education Program (HPREP)
http://www.hopkinsmedicine.org/graduateprograms/prep.cfm
Other info: Two years typical commitment to work as technicians.

Jefferson College of Graduate Studies
Thomas Jefferson University
Philadelphia, Pennsylvania

Summer Undergraduate Research Program
http://www.jefferson.edu/jcgs/home/index.cfm
Contact: Jessie.pervall@jefferson.edu, 215-503-0155
Application Deadline: March 15, 2004 (applications in OE 219)

The Leadership Alliance
Providence, RI
Summer Research Early Identification Program (SR-EIP)

http://www.theleadershipalliance.org/

Students must have completed at least 2 semesters and have at least one semester remaining of their undergraduate education by the start of the summer program

Duration: 8-10 weeks

Application Deadline: February 1, 2004

Other info: Principally for underserved and underrepresented students in the sciences, social sciences and humanities to consider research careers in the academic, public or private sectors. Applications and useful graduate application process guides available in OE 219.

MIT

Cambridge, Massachusetts

MIT Summer Research Program in Biology (MSRP)

http://web.mit.edu/gso/recruitment

Program Duration: 10 weeks

Program Dates: June 7 to August 12, 2004

Application Deadline: January 30, 2004 (Late applications will NOT be considered)

Contact person: Dr. Mandana Sassanfar, MIT Summer Research Program, 617-452-4371, mandana@MIT.EDU

Other info: Sophomore and junior science majors; min. 3.3 GPA; stipend, on-campus housing, and travel expenses will be provided; applications in OE 219.

Mayo Clinic

Rochester, Minnesota

Summer Undergraduate Research Program
Duration: 10 weeks

Application Deadline: February 1, 2004 (on-line application)

Other info: Sophomore or junior considering Ph.D. or M.D./Ph.D; stipend provided.

**Postbaccalaureate Research for Recent College Graduates**

http://www.mayo.edu/mgs/imsd-post-bac.html

Other info: Recent college graduates seeking one or two years of research experience before applying to Ph.D., M.D. or M.D.-Ph.D. programs.

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**NASA**

**The Spaceflight and Life Sciences Training Program**

http://weboflife.ksc.nasa.gov/learningResources/slstp.htm

http://slstp.nasa.gov/

Duration: 6-week summer program at Kennedy Space Center


Application Deadline: January 31, 2004

Other info: Currently enrolled undergraduate college students pursuing hard science (e.g Agricultural Sciences, Biology, Computer Science, Biochemistry, Botany, Ecology, Bioengineering, Chemistry, Physics, Math, Plant Science, Pre-Med, Pre-Vet, Soil Science) or engineering major, US citizen or resident alien, 18 or older; round-trip transportation between home and Kennedy Space Center and meals allowance provided.

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**NASA Academy 2004**

http://www.nasa-academy.nasa.gov/


Application Deadline: January 31, 2004

Other info: Undergraduate and graduate students.

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**The Marshall Space Flight Center Undergraduate Student Research Program**
http://education.msfc.nasa.gov/docs/131.htm

Duration: 10 weeks

Application Deadline: January 26, 2004

Other info: U.S. citizenship, classified as Junior or Senior after Spring 2004, enrolled full-time, academic major in mathematics/computer science, engineering, physical sciences, biological sciences, earth/atmospheric/ocean sciences.

NASA Undergraduate Student Research Program

http://education.msfc.nasa.gov/msfcusrp/

Duration: 10 weeks

Application Deadline: January 26, 2004

Other info: U.S. citizenship, classified as Junior or Senior after Spring 2004, enrolled full-time, academic major in mathematics/computer science, engineering, physical sciences, biological sciences, earth/atmospheric/ocean sciences.

National Institutes of Health

Bethesda, Maryland

NIH Grants and Funding Opportunities

http://grants1.nih.gov/grants/index.cfm

NIH Research and Training Opportunities (Intramural)

http://www.training.nih.gov/

NIH Research Training Opportunities (Extramural Mechanisms)

http://grants1.nih.gov/training/extramural.htm

Student Programs (including summer)

NIH Student Employment & Internship Programs (links to 68 programs—not all apply to college, postbaccalaureate, and graduate students; some programs are listed below but refer to this URL for links to all programs.)

http://www.jobs.nih.gov/studentprogramsNIH.pdf

U.S. Dept. of Health and Human Services Student Employment & Internship Programs List (8 pages)


Summer Internship Program in Biomedical Research (21 individual institutes and centers offer research opportunities—refer to following URL for links or website address.


To apply on line:

http://www.training.nih.gov/onlineApps/SIP/application/SIPApp.asp

Biomedical Engineering Summer Internship Program (BESIP)


Duration:  10 weeks

June 7-August 13, 2004

Application Deadline:  February 18, 2004

Other info:  Bioengineering undergraduate junior level students only; U.S. citizens or permanent residents.

Undergraduate Scholarship Program

http://ugsp.info.nih.gov/

Application Deadline:  February 28, 2004 (for the 2004-2005 academic year)

National Institute of Allergy and Infectious Diseases (NIAID)
Summer Internships

Duration: 10-12 weeks

Application Deadline: March 1, 2004

Apply online: http://www.training.nih.gov/

Other info: HS, college, graduate, and medical students.

Postbaccalaureate IRTA Fellowship Program

http://www.training.nih.gov/student/Pre-IRTA/previewpostbac.asp

Predoctoral IRTA Fellowship Program

http://www.training.nih.gov/student/Pre-IRTA/previewpredoc.asp

Technical IRTA Fellowship Program

http://www.training.nih.gov/student/Pre-IRTA/irtamanualtechnical.asp

National Institute on Drug Abuse (NIDA)

Baltimore, Maryland

www.drugabuse.gov

Minority Recruitment & Training Program Summer 2004

Contact: dwilliam@intra.nida.nih.gov, 410-550-1562.

Duration: 8 weeks

Program Dates: Start June 7 or June 24, 2004

Application Deadline: March 1, 2004 (application in OE 219)

Other info: Student in underrepresented group enrolled in high school, college, graduate or medical school in good academic standing; U.S. citizen or permanent resident.

Summer Research with NIDA 2004

Contact: Flair Lindsey, Program Analyst; National Institute on Drug Abuse, Special Populations Office, 6001 Executive Boulevard, Room 4216, MSC 9567, Bethesda, Maryland 20892-9567, 301-443-0441
Duration: 8-10 weeks

Other info: Applicants must be from underrepresented group; currently enrolled in high school or college, in good academic standing; citizens or permanent residents of the United States.

Application Deadline: March 15, 2004

National Institute of Environmental Health Sciences (NIEHS)
Research Triangle Park, North Carolina

Summers of Discovery Program

http://www.niehs.nih.gov/summers/

Duration: 8 to 12 weeks (during May through September)

Application Deadline: March 1, 2004

Other info: U.S. citizen or permanent resident, enrolled in high school, college, graduate or professional school—if a graduating senior, must be enrolled in upcoming fall semester at next higher level of education; stipend provided.

National Heart, Lung and Blood Institute (NHLBI)
Bethesda, MD


Apply on-line, early submission encouraged—if your application is on file, you may be considered for other NIH programs

MARC and non-MARC students

Duration: 10 weeks

Application Deadline: March 1, 2003

Application online at: http://www.training.nih.gov/onlineApps/SIP/application/SIPApp.asp

Biomedical Research Training Program for Underrepresented Minorities

NHLBI

http://webapp.nhlbi.nih.gov/brtpum/
Duration: Summer, winter breaks, or academic year

Applications Due: October 1-December 31, 2003

Underrepresented minority undergraduates, post baccalaureate individuals, and graduate students; min. GPA 3.3, U.S. citizens or permanent residents; stipend provided.

**NIH Graduate Partnerships Program**


University Partnership Programs for Prospective Ph.D. Graduate Students links are at:


National University Partnerships / Application Deadlines

**Bioinformatics - Boston University**  Jan. 15, 2004

**Biological Sciences - Johns Hopkins University**  Dec. 15, 2003

**Biomedical Sciences - Georgetown University**  Jan. 2, 2004

**Biophysics - University of Maryland, College Park partnership**  Feb. 1, 2004

**Cell Motility & Cytoskeleton - University of North Carolina at Chapel Hill**  Jan. 1, 2004

**Comparative Molecular Pathology Graduate Programs - NCSU/MSU/UIUC/UMD**

**Genetics - George Washington University**  Jan. 3, 2004

**Hearing and Communication Science - University of Maryland, College Park partnership**  Feb. 1, 2004

**Immunology - University of Pennsylvania**  Dec. 15, 2003

**Structural Biology - New York University**  Jan. 4, 2004

**International University Partnerships**

**Biomedical and Biological Sciences - Oxford University (Oxford, England)**  Jan. 15, 2004

**Health Science Scholars Program - University of Cambridge (Cambridge, England)**  Jan. 15, 2004

**Neuroscience - Karolinska Institute (Stockholm, Sweden)**  Jan. 15, 2004

Other info: U.S. citizens or U.S. permanent residents with an undergraduate degree planning to pursue Ph.D.; programs are separated into two groups, depending on the location of the university: National University Partnerships and International University Partnerships; students submitting an application for Fall 2004
admission may select up to three (3) National University Partnerships and two (2) International University Partnerships.

**National Cancer Institute**


**The Cancer Training Award (CRTA)**

Application Deadline: Application deadline passed (November 14, 2003).

Other info: Open to undergraduate students, bachelor degree holders, graduate students, graduate degree holders, and doctorate degree candidates; stipend range is commensurate with level of education and experience. U.S. citizenship or permanent residency (green card) required.

**National Institute on Deafness and Other Communication Disorders (NIDCD)**

Bethesda, MD


Partnership Student Training Program

Kay Johnson Graham 301-402-6415

Duration: summer or year-long

Internship Duration: Summer or yearlong

Application Deadline: February 28, 2004

Other info: U.S. citizen or permanent resident, min. GPA 3.3; undergraduates or graduates, roundtrip to/from Maryland, housing allowance and stipend provided; apply on line at:


**National Institute of Biomedical Imaging and Bioengineering (NIBIB)**

[http://bbsi.eeicom.com/](http://bbsi.eeicom.com/) (with links to nine universities listed below. See their websites for application information.)

**Southern California Bioinformatics Summer Institute**
California State University at Los Angeles

**NIH-NSF Bioengineering and Bioinformatics Summer Institute in Biomaterials Science and Engineering**
Clemson University

**NIH-NSF BBSI Summer Institute in Bioinformatics and Computational Biology**
Iowa State University  
**Biomedical Optics Summer Institute**  
Massachusetts Institute of Technology

Program Date June 16-August 13, 2004

Application Due: January 15, 2004-March 1, 2004

**Bioinformatics Summer Institute**  
University of Minnesota  
Program Dates: June 7-August 13, 2004

Application Deadline: February 28, 2004

**BioMEMS Summer Bioengineering Institute**  
New Jersey Institute of Technology  
**Biomaterials and Bionanotechnology Summer Institute**  
Penn State University  
**Bioengineering and Bioinformatics Summer Institute in Computational Biology**  
University of Pittsburgh (lead)  
**VCU Bioinformatics and Bioengineering Summer Institute**  
Virginia Commonwealth University

Program Dates: June 6-August 13, 2004

Application Deadline: February 27, 2004

**National Institute of Neurological Disorders and Stroke (NINDS)**


Summer Program in the Neurological Sciences


Application Deadline: March 1, 2004


Other info: U.S. citizen or permanent resident; stipend provided.

**National Human Genome Research Institute**

Genome Funding and Training Opportunities

[www.genome.gov/Careers](http://www.genome.gov/Careers)
Summer Internship Programs

http://www.training.nih.gov/onlineApps/sip/application/sipapp.asp

Summer Internship Program
(Additional info in OE 219.)

Predoctoral IRTA Fellowship Program

http://www.training.nih.gov/student/Pre-IRTA/previewpredoc.asp

National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

http://www.niddk.nih.gov/

Summer Internship Programs

http://www.training.nih.gov/onlineApps/sip/application/sipapp.asp

Summer Research Fellowship Programs


Application Deadline: March 1, 2004 (early application is encouraged; email Winnie Martinez, Program Analyst, (MartinezW@extra.niddk.nih.gov) to let her know you submitted your application. If you are a MARC student, email Ms. Martinez to request a separate application.)

National Institute of Mental Health

http://www.nimh.nih.gov/

Postbaccalaureate Intramural Research Training Awards

http://www.training.nih.gov/student/Pre-IRTA/previewpostbac.asp?AppType=Postbac

Summer Internship Program in Biomedical Research (SIPBR)

Open to high school, college, and graduate students.

http://www.training.nih.gov/onlineApps/SIP/application/SIPApp.asp

Summer Research Fellowship Program (SRFP)


Open to medical students.
National Institute on Aging (NIA)

http://www.grc.nia.nih.gov/offices.htm

NIA Summer Research Opportunities

(Summer Internship Program in Biomedical Research, Summer Research Fellowship Program, MARC Summer Research Training Program)

http://www.grc.nia.nih.gov/students/summeropps.htm

National Institute of General Medical Sciences (NIGMS)

http://www.nigms.nih.gov/

Table of Research and Training Opportunities by Career Stage

http://www.nigms.nih.gov/minority/programs.html

Other NIH sites of interest:

Postbaccalaureate IRTA Fellowship Program

http://www.training.nih.gov/student/Pre-IRTA/previewpostbac.asp

NIH Academy Fellowship Program

http://www.training.nih.gov/student/Pre-IRTA/irtamanualpostbacAcademy.asp

Predoctoral IRTA Fellowship Program

http://www.training.nih.gov/student/Pre-IRTA/previewpredoc.asp

Technical IRTA Fellowship Program

http://www.training.nih.gov/student/Pre-IRTA/irtamanualtechnical.asp
Ruth L. Kirschstein National Research Service Award Individual Fellowships

http://grants1.nih.gov/training/nrsa.htm#inst

NIH Research Supplements for Underrepresented Minorities

Program Announcement Number: PA-01-079


NIH Predoctoral Fellowship Awards for Minority Students

Program Announcement Number: PA-00-069

http://grants2.nih.gov/grants/guide/pa-files/PA-00-069.html

NIH Loan Repayment Program

http://www.lrp.nih.gov/

National Science Foundation Research Experiences for Undergraduates (REU) Program

See URL below for REU sites:


New York University School of Medicine

The Sackler Institute of Graduate Biomedical Sciences

New York, NY

Summer Undergraduate Research Program in the Biomedical Sciences

http://www.med.nyu.edu/Sackler/

Program dates: June 7-August 2, 2004

Application Deadline: February 2, 2004
Applications and supporting documents should be sent to NYU Summer Undergraduate Research Program Office. Applications available online and in OE 219.

Other info: Students who have completed their sophomore or junior year; stipend, round trip travel, and accommodations in University Housing provided; download application or available in OE 219.

2004 Leadership Alliance Summer Research Program in the humanities and social sciences at NYU

http://www.nyu.edu/gsas/OASL/LeadershipAlliance.html

Application Deadline: February 1, 2004

(Apply directly to the Graduate School of Arts and Science Summer Research Program at NYU or students may also apply to the NYU program, along with affiliated summer programs, through the central Leadership Alliance office at Brown University http://www.theleadershipalliance.org/.)

Other info: Travel to and from New York and housing on Washington Square or Union Square are paid for, and stipend is provided.

Northwestern University (5 programs)

Evanston, Illinois

Summer Research Programs in the Life Sciences and Engineering

http://www.northwestern.edu/graduate/minority/masummerresearch.html

The Robert H. Lurie Comprehensive Cancer Center (RHLCCC)

Contact: Dr. Robin Leikin, 312-908-9229 or rleikin@northwestern.edu

Other info: High school and college freshmen, sophomores, and juniors from underserved minority populations.

Northwestern Drug Discovery Program (NDDP)

Duration: 8-10 weeks

http://ddp.northwestern.edu/

Contact: Dr. Linda Van Eldick, 312-503-0697 or vaneldik@northwestern.edu
Other info: High school, undergraduate and medical school students.

**Northwestern University Institute for Neuroscience (NUIN)**

[http://www.northwestern.edu/nuin](http://www.northwestern.edu/nuin)

Dr. Robert Harper-Mangels, 312-503-4300 or r-mangels@northwestern.edu

Duration: 8-10 weeks

Other info: College sophomore and juniors

**NSF-Research Experience for Undergraduates (REU) and NSF-Materials Research Internships for Minority Undergraduates (MRI)**

[http://mrcemis.ms.northwestern.edu/](http://mrcemis.ms.northwestern.edu/)

Contact: Rosalie Kobayashi, r-kobayashi@northwestern.edu or 847-491-3606

Duration: 9 weeks

Program Dates: Start mid-June

Other info: Students majoring in materials science, physics, chemistry, or engineering; college sophomores, juniors, and seniors. MRI portion limited to underrepresented minorities; REU is open to all students.

**Summer Research Opportunity Program (SROP)**

[www.northwestern.edu/graduate/minority/masrop.html](http://www.northwestern.edu/graduate/minority/masrop.html)

Contact: Martin Arteaga, 847-491-8505 or martin-arteaga@northwestern.edu

Program Dates: June 21-August 12, 2004

Application Deadline: January 30, 2004 (application is available online)

Other info: Underrepresented minority sophomores and juniors majoring in the social sciences, humanities, communications, biological sciences, physical sciences, and engineering;

**Oak Ridge Institute for Science and Education** Home page

[http://www.orau.gov/orise/educ.htm](http://www.orau.gov/orise/educ.htm)
Summer Appointments

http://www.orau.gov/orise/edu/uggrad/ugduration.htm#summer

The Pennsylvania State University (Penn State)-3 programs

University Park, PA

www.gradsch.psu.edu/equity

Summer Research Opportunities Program (SROP)

http://www.cic.uiuc.edu/programs/SROP/

Duration: 8-10 weeks

Application Deadline: February 2, 2004 (apply online)

Other info: Underrepresented minority students, including African American, Mexican American, American Indian, Puerto Rican, and other Latino groups, who are sophomores or juniors majoring in any field.

“Slice of Science” 2004 Summer Undergraduate Research Program in the Life Sciences

http://www.hils.psu.edu/ann-ung00.html

Students in math, computer science, physics, pharmacy and engineering as well as any of the life sciences majors are encouraged to apply; must have completed their sophomore or junior year; receive stipend but students pay their own room and board.

Duration: 10 weeks

Program Dates: June 1-August 7, 2004

Application Deadline: February 15, 2004

Minority Access to Research Careers (MARC) Summer Research Internship Program

Contact: Ms. Joyce Hopson-King, Director, 814-863-1291; juh4@psu.edu

Duration: 8 weeks

Other info: Undergraduate and a participant in a scholars program (i.e., COR, MARC, McNair or other scholars programs) are eligible; will work with Health and Human Development faculty; room and board and stipend provided.

Princeton University

Princeton, NJ
Summer Undergraduate Research Program in the Department of Molecular Biology

http://www.molbio.princeton.edu/undergrad_summer.php?PHPSESSID=a6946bfd7f5ea775c362193d6a8da860

Program Dates: June 14 to August 13, 2004

Application Deadline: February 6, 2004

Other info: Priority given to science majors who are about to enter their senior year; stipend is provided.

Research Experience for Undergraduates

http://www.princeton.edu/~pmi/researchexperience.htm#reuapplications

Program Dates: June 7-August 6, 2004

Application Deadline: March 1, 2004

Other info: Science and engineering disciplines; stipend is provided.

Molecular Biophysics Program

http://www.princeton.edu/~chemdept/mbp/sumprog.html

Duration: 9 weeks

Application Deadline: February 15, 2004

Other info: Sophomores who complete a summer at Princeton become eligible for a competitive subsequent summer research abroad opportunity, funded by the program.

Rice University

Houston, Texas

Summer 2004 Undergraduate Internship Opportunities

NSF IGERT in Cellular Engineering

http://www.igert.rice.edu/

Duration: 10 weeks


Other info: Applicants must be U.S. citizens or permanent residents; stipend is provided, housing costs in Rice’s graduate apartment facility are supplemented, travel to and from Houston is provided (if needed).
The Rockefeller University
New York, NY

Summer Undergraduate Research Fellowship (SURF) Program

http://www.rockefeller.edu/surf/

Program Dates: June 7 to August 13, 2004

Application Deadline: February 2, 2004

Other info: Sophomores and Juniors, chemistry or biology majors; stipend and free on-campus housing will be provided.

Rutgers/UMDNJ
New Brunswick, NJ

RISE at Rutgers

http://rise.rutgers.edu/

Duration: 8 or 10 weeks

Program Dates: June 7 to July 30, 2004 or June 7 to August 13, 2004

Application Deadline: February 1, 2004

Other info: Stipend and free campus housing are provided.

San Diego State University
San Diego, California

Post-Baccalaureate Biomedical Research Education Program for Underrepresented Minorities

http://www.sci.sdsu.edu/orsp/prep/

Duration: 6 months to 2 years

Other info: U.S. citizens or permanent residents; students who have attained a bachelor’s degree within the last 3 years, or seniors about to graduate.

Texas A&M University
College Station, Texas

http://biochemistry.tamu.edu/

**National Science Foundation Research Experiences for Undergraduates**

Program Dates: June 1 – August 6, 2004

Program Duration: 10 weeks

Application Deadline: February 15, 2004

Other info: stipend and travel allowance provided; pre-baccalaureate undergraduates majoring in biochemistry, chemistry, genetics, biology, or any life science.

**Tufts University**

**Sackler School of Graduate Biomedical Sciences**

Boston, MA

**Summer Research Program for Undergraduate Minority Students**

http://www.tufts.edu/sackler/programs/summer.html

Duration: 10 weeks

Program Start Date: first week in June

Application Deadline: February 15, 2004

Other info: The program pays for all transportation costs to and from Boston. It also covers housing and provides a living stipend.

**Post-Baccalaureate Research Education Program (PREP) for Minority Students in Science**

http://www.tufts.edu/sackler/programs/postbac.html

Contact Person: Diana Pierce, Diana.pierce@tufts.edu, 617-636-6836

Application Deadline: May 15 of each year.

**The University of Arizona (2 programs)**

Tucson, AZ

**Minority Health Disparities Summer Research Opportunities**

http://grad.arizona.edu/multi/imp_index.html

Program Dates: June through August 2004 (10 weeks)

Application Deadline: February 1, 2004
Other info: American Indian/Alaska Native, African American, Hispanic/Latin, or Native Hawaiian/Other Pacific Islander descent; US citizens or permanent residents; major in fields leading to biomedical careers; students need a minimum of 75 semester units completed; stipend and round-trip airfare provided.

Research Experiences for Undergraduates in Molecular Biosciences for Visiting Students

http://www.blc.arizona.edu/ubrp/applynonua.html

Program Dates: May 16 to August 6, 2004

Application Deadline: February 1, 2004

Other info: Citizen or permanent resident of the United States; wages, round-trip transportation, room and board allowance.

University of California, Berkeley

Berkeley, California

http://www.grad.berkeley.edu/gop/srop.shtml

Summer Research Opportunity Program

Program Dates: June 6-August 7, 2004

Application Deadline: February 1, 2004

Other info: Citizens or permanent residents of the United States; college sophomores, juniors and seniors (who will not graduate in the spring); stipend, room and board (double occupancy), and travel costs provided.

Graduate Fellowship Deadlines 2003-2004

www.grad.berkeley.edu/fellowships/fellowships_deadlines.shtml

University of California, Irvine

Irvine, California

Summer Undergraduate Research Fellowship

http://www.rgs.uci.edu/grad/diversity/surf.htm

Duration: 8 weeks

Application Deadline: February 11, 2004

Other info: Full-time enrolled sophomore, junior, or senior; U.S. citizen or permanent resident; stipend, on-campus housing, and roundtrip travel (up to $400) provided.

University of California, Los Angeles
Los Angeles, California

http://www.care.ucla.edu/

UCLA Science, Engineering, and Mathematics Summer Program for Undergraduate Research


Program Dates: June 28-August 20, 2004 (8 weeks) or June 28-September 3, 2004 (10 weeks)

Application Deadline: February 20, 2004

Other info: Students entering Junior or Senior year; stipend, round-trip transportation, on campus housing with breakfast included.

Undergraduate Research Internship (URI) Summer Program


Duration: 8 or 10 weeks

Other info: U.S. citizens or permanent residents entering their junior or senior year; stipend provided and on campus housing with meals included.

University of California, Riverside

Riverside, California

Mentoring Summer Research Internship Program

http://www.graddiv.ucr.edu/MSRIP.html

Program Dates: June 21 to August 13, 2004 (8 weeks)

Application Deadline: February 16, 2004

Other info: U.S. citizen or permanent resident, junior or senior (seniors enrolling fall 2004); stipend, room and board, and out-of-state transportation provided.

University of California, San Diego

San Diego, California

http://ogsr.ucsd.edu/stars

Summer Training Academy for Research in the Sciences (STARS)

Program Dates: June 19-August 14, 2004
Application Deadline: February 27, 2004

Other info: African-American, American Indian, Filipino/a, Latino/a, Mexican American, Native Pacific Islander, Puerto Rican; U.S. Citizens, Nationals or Permanent Residents; University sophomore, junior, senior, recent graduates and masters students in the sciences (physical, life, behavioral, marine and ocean), engineering; GPA 3.3+; domestic travel, on-campus housing, and stipend are provided.

**Post-Baccalaureate Biomedical Research Education Program for Underrepresented Minorities**

[http://www.sci.sdsu.edu/orsp/prep/](http://www.sci.sdsu.edu/orsp/prep/)

Duration: 6 months to 2 years

Other info: U.S. citizens or permanent residents; students who have attained a bachelor’s degree within the last 3 years, or seniors about to graduate.

**University of California, San Francisco**

[http://saawww.ucsf.edu/srtp](http://saawww.ucsf.edu/srtp)

Program Dates: May 29-August 2, 2004

Application Deadline: February 1, 2004

Other info: US Citizen or Permanent Resident; students who will have completed at least 4 semesters of undergraduate study prior to the beginning of the SRTP, Master’s students are also encouraged to apply; stipend and housing provided (double room in dormitory-style facility); travel funding may be available.

**University of California, Santa Cruz**

Santa Cruz, California

[http://chemistry.ucsc.edu/Projects/SURF/](http://chemistry.ucsc.edu/Projects/SURF/)

**Summer Undergraduate Research Fellowship**

Program dates: June 21-August 27, 2004 (10 weeks)

Application Deadline: February 15, 2003

Other info: Junior-level chemistry and biochemistry students, not have graduated as a senior; stipend and housing provided.

Application Deadline: February 15, 2004

**NSF REU Program in Organic Chemistry in Bangkok, Thailand**
Program Dates: June 7-August 13, 2004
Application Deadline: February 1, 2004
Junior or senior in chemistry; must be U.S. citizen or permanent resident; stipend, plus airfare and on-campus housing at Chulaongkorn University.

University of Chicago (6 programs)

Chicago, Illinois

Biological Science Division (BSD) Summer Research Training Program

http://gradprogram.bsd.uchicago.edu/

Program Dates: June 14 to August 13, 2004
Application Deadline: February 15, 2004
Other info: Students in the sophomore or junior year; stipend and housing are provided.

Biochemistry & Molecular Biology (BMB) Undergraduate Summer Research Internship

http://bmb.bsd.uchicago.edu/

Duration: 10 weeks
Program Dates: mid-June to mid-August
Contact: Lisa Thompson, lthompso@cummings.uchicago.edu, 773-834-3586
Other info: Stipend will be provided.

Summer Research Opportunities Program

http://omsa.uchicago.edu/srop/#app

Duration: 9 weeks
Program Start Date: mid-June
Application Deadline: February 20, 2004
Other info: African American, Latino, Mexican/American/Chicano, Puerto Rican, or Native American; U.S. Citizens at the time of application; stipend and housing provided.
Ronald E. McNair Scholars Program

http://omsa.uchicago.edu/srop/#app

Contact: Allen J. Bryson, Director of SROP, ajbryson@uchicago.edu, 773-834-4797

Program Dates: June 21 through August 14, 2004

Other info: Students from minority groups, from a family with no previous college graduates & whose family income is at or below the Federal income guidelines.

Howard Hughes Research Fellowships

http://bscd.bsd.uchicago.edu/hhmiHughes.html

Duration: 10 weeks

Program Dates: June 14 through August 20, 2004

Application Deadline: April 1, 2004

Other info: Undergraduates (graduating seniors are not eligible); stipend is provided.

Pritzker School of Medicine

Summer Medical Education Program

http://pritzker.bsd.uchicago.edu/

University of Colorado at Boulder

Boulder, Colorado

Summer Multicultural Access to Research Training (SMART) program

www.Colorado.edu/graduateschool/SMART/SMARTWebsite/index.html

Duration: 10 weeks

Program Dates: June 1-August 6, 2004

Application Deadline: February 17, 2004
Other info: Citizens or permanent residents of the United States; African-American, Hispanic/Latino, American Indian/Alaska Native) or first generation college students who are economically disadvantaged according to the federal guidelines; have completed 60 semester credit hours by June 2004; not have received a bachelor’s degree or plan to receive one before December 2004; stipend, transportation to and from Boulder, Colorado, and room and board will be provided.

Graduate Experiences for Multicultural Students (GEMS) Summer Research Internship

Duration: 9 weeks

Program Dates: June 7 through August 6, 2004

Application Deadline: March 1, 2004

Other info: first generation college attendee, low income/financial need, or thnic identity as African American, Hispanic, American Indian/Alaska Native, or Southeast Asian/Pacific Islander). Applicants must have completed at least one year of college by June 2004. Seniors and international students (with student visas) are not eligible for this program; stipend and round-trip transportation to and from Denver.

Other Summer Research Opportunities for Undergraduates at CU-Boulder

http://www.colorado.edu/graduateschool/SMART/SMARTWebsite/other_opportunities.html

University of Florida

Gainesville, FL

http://www.med.ufl.edu/oma/

NIH Short-Term Research Training for Minority Students

Program Dates: June 7-July 30, 2004

Application Deadline: January 15, 2004 (application online at above URL, see under OMA Enrichment Programs section)

Other info: Minority status (African-American, Native American, American Indians, Alaskan Natives, Native Hawaiians, Mexican-American/Chicano, Mainland Puerto Rican); stipend, travel, housing allowance provided.

University of Illinois at Urbana-Champaign

Urbana-Champaign, Illinois

http://www.grad.uiuc.edu/
Summer Research Opportunities Program

http://www.cic.uiuc.edu/

Duration: 9 weeks

Application Deadline: February 2, 2004 (apply online)

Other info: Sophomores, juniors and seniors who will not graduate within a semester after the end of the SROP summer session; underrepresented students include, but are not limited to, African Americans, Mexican Americans, Native Americans, and Puerto Ricans; stipend.

University of Iowa

Iowa City, Iowa

http://www.medicine.uiowa.edu/mstp/sumr/index.html

Summer Undergraduate MSTP (Medical Scientist Training Program) Research Program

Students who have completed sophomore or junior year by June 2003

Program dates: June 7-July 30, 2004

Application Deadline: February 2, 2004

Other info: Citizen or permanent resident of the United States; sophomore or junior, major in a biological or physical science; stipend, lodging in University housing facility, travel allowance provided.

University of Maryland

Baltimore, Maryland

Summer research programs for undergraduate, medical, and graduate students.

http://medschool.umaryland.edu/OSR

Links to other research programs (didn’t verify info is updated but list is worth reviewing).

http://medschool.umaryland.edu/OSR/otherprograms.asp

University of Massachusetts

Amherst, MA
Northeast Alliance for Graduate Education and the Professoriate Summer Program for Undergraduate Research

http://www.umass.edu/gradschool/AGEP/

Other info: US citizen or permanent resident; African American, Native American, or Hispanic; undergraduate or recent graduate, majoring or minoring in a science, math, or engineering discipline; pm-campus, double occupancy housing, meals, and round-trip travel reimbursement (up to $500) and stipend provided.

University of Michigan, Horace H. Rackham School of Graduate Studies

Ann Arbor, Michigan

http://www.rackham.umich.edu/Fellowships/srop.html

Summer Research Opportunity Program (SORP)

Program Dates: June 1-July 30, 2004 (8 weeks)

Application Deadline: February 28, 2004

Other info: Students from groups historically underrepresented in the humanities, arts, social sciences, engineering and physical or natural sciences are eligible; U.S. citizens or permanent residents, not graduating before December 2004; stipend, University housing, and round-trip travel expenses provided.

University of Minnesota

St. Paul, MN

www.grad.umn.edu/oeo/research

Summer Programs / Application Deadline
Bioinformatics Summer Institute/Feb. 28, 2004

Biomedical Engineering Summer Research Program

Chemistry Summer Undergraduate Research Program/Feb. 16, 2004

Computational Neuroscience Undergraduate Research Program

Electrical and Computer Engineering Undergraduate Research Program/Feb.13, 2004

Life Sciences Summer Undergraduate Research Programs (5 programs/ Feb. 13, 2004; applications in OE 219)

Material Research Science and Engineering Center Summer Research Programs (MRSEC)
McNair Summer Research Program Mechanical Engineering - Summer Research Experiences for Undergraduates (REU)
Multicultural Summer Research Opportunities Program (MSROP)/Feb. 13, 2004
University of Nebraska Medical Center
Omaha, Nebraska

Summer Research Program

Contact: Mary McNamee, R.N., Ph.D., Associate Director for Student Recruitment
405-559-3928 or email: mcnamee@unmc.edu

Program Dates:
Two summer commitment: Summer 2004, 10-12 weeks; Summer 2005, 10-12 weeks

Application Deadline: January 15, 2004

Other info: Member of an underrepresented minority group (African-American, Native American, Hispanic); completion of college sophomore level courses including organic chemistry; cumulative GPA of 3.5 or greater in the sciences; stipend, housing, and round-trip transportation provided.

Summer Undergraduate Research Program

Contact: Sonja Cox, 402-559-8242, sacox@unmc.edu

Duration: ten weeks

Program Start Date: June

Application deadlines vary by participating departments (14 basic science and clinical departments) from February 1 to March 31, 2004. Application and a list of participating departments available in OE 219.

University of North Carolina at Chapel Hill
Chapel Hill, North Carolina

Summer Pre-Graduate Research Experience (SPGRE) Program

www.ibiblio.org/res

Duration: 10 weeks
Program Dates: May 23 to July 30, 2004

Application Deadline: February 7, 2004 (applications available in OE 219)

Other info: Student from underrepresented groups particularly those from African American, Native American, Mexican American, and Puerto Rican populations; sophomores, juniors, seniors who will not have graduated before or during the period SPGRE is conducted; stipend, food allowance, housing and reimbursement for travel (up to $400).

Carolina Summer Fellowship Program

http://www.med.unc.edu/pharm/csfp.htm

University of Pennsylvania

Philadelphia, PA

http://www.med.upenn.edu/bgs

Summer Undergraduate Internship Program

Duration: 10 weeks

Program Start Date: in June

Application Deadline: February 1, 2004 (http://www.med.upenn.edu/bgs/intern/index.html)

or apply through Leadership Alliance http://www.theleadershipalliance.org/

Other info: U.S. citizens and permanent residents only.

University of Pennsylvania Minority International Research Training Program

http://www.med.upenn.edu/mirt

Duration: 8-12 weeks

Application Deadline: December 17, 2003 (application online)

Other info: Current research sites are located in France, Scotland, Belgium, Japan, Ghana; stipend, room, board and travel provided.

Penn Post-Baccalaureate Research Education Program
http://www.med.upenn.edu/prep/

Duration: Two-year research experience.

Program Start Date: June 30, 2004

Application Deadline: Applications will be accepted between December 15, 2003 and April 1, 2004.

U.S. citizens or permanent residents may apply; have a degree in a biomedically-relevant field and have graduated no more than 36 months prior to the start of the program.

Stipend and a standard package of benefits, including health insurance, provided.

University of Pittsburgh School of Medicine
Pittsburgh, Pennsylvania

Summer Premedical Academic Enrichment Program

http://www.medschool.pitt.edu/

http://www.medschool.pitt.edu/pdfs/SUMMRAPP01-02.pdf

Application Deadline: March 1, 2004

University of Rochester
Rochester, New York

http://www.urmc.rochester.edu/gebs/summer-list.htm

Summer Undergraduate Research Programs/Application Deadline
GEBS Summer Scholars Program/March 1, 2004
REU Site in Cellular and Molecular Biology/March 1, 2004
NSF Summer Research: Department of Chemistry/March 1, 2004
Research Experience in Physics & Astronomy for Undergraduates (REU)/March 1, 2004
Research for Undergraduates in Biomechanics and Engineering
Strong Children's Research Center Summer Training/Feb. 13, 2004
Summer Fellowship Program in Visual Science
DeKiewiet Summer Program
McNair Summer Research Program/ Feb. 1, 2004
Minority-Specific Programs: URSMD Ethnic and Multicultural Affairs
SURF (undergraduate) program
Summer Program for Minority Students in Dental School
University of Rochester PREP Program

http://www.urmc.rochester.edu/smd/mbi/prep/

Duration: Up to two years.

Other info: Member of underrepresented minority group(s); U.S. citizens or permanent residents; have graduated with a baccalaureate degree in a biomedically relevant science no more than 36 months prior to the date of submission of the application.

University of Texas Medical Branch

Galveston, Texas

Summer Undergraduate Research Program (SURP)

www.gsbs.utmb.edu/surp

Program Dates: June 7-August 13, 2004

Application Deadline: February 15, 2004

Other info: Stipend provided.

University of Texas

Southwestern Graduate School of Biomedical Sciences

Dallas, Texas

Summer Undergraduate Research Fellowships

www.utsouthwestern.edu/SURF

Duration: 10 weeks

Program Dates: June 7, 2004 through August 13, 2004

Application Deadline: February 9, 2004

Other info: Applicants must be enrolled in a natural science degree program at the undergraduate level and have completed the sophomore year; stipend is provided.

University of Utah
Salt Lake City, Utah

NSF REU Integrative Biology for Undergraduates Summer Research Program

Contact: Bioscience Undergraduate Research Program

University of Utah

Department of Biology

257 South 1400 East

Salt Lake City, UT 84112-0840

801-581-5013 or 800-289-7252

biourp@bioscience.utah.edu

Program Dates: May 30-August 6, 2004

Application Deadline: February 27, 2004

Other info: Stipend, travel expenses, room and board in the University of Utah dormitories.

Summer Research Opportunity Program (SROP 2004)

www.utah.edu/gradschool

Program Dates: May 30-August 6, 2004

Application Deadline: February 27, 2004

Other info: Stipend provided, on-campus housing expenses and board are covered by the program.

Summer Undergraduate Research Program in Chemistry

Contact: Dr. Richard P. Steiner

University of Utah

Chemistry Department

315 South 1400 East Rm 2020

Salt Lake City, UT 84112-0850

801-581-5325
Steiner@chemistry.utah.edu

Program Dates: June 2 through August 8, 2004

Application available in OE 219.

Other information: Undergraduate chemistry majors who are completing their junior year; stipend, housing and up to $500 for travel.

Summer MCAT Preparation and Research/Clinical Training Program

Duration: 8 weeks

Program Dates: May-August, 2004

Application: Will be mailed in January of 2004. To receive one via e-mail or postal mail, please complete form in OE 219 and send to:

Sunny Gibson, Director
Diversity and Community Outreach
University of Utah School of Medicine
30 North 1900 East, 1C117
Salt Lake City, UT 84132
801-585-2430
sunny.gibson@hsc.utah.edu

Other info: For premedical students; stipend and room and board are provided.

University of Virginia
Charlottesville, Virginia

Summer Research Internship Program

http://www.healthsystem.virginia.edu/gpo/srip/

Duration: 10 consecutive weeks

Program Dates: June 1, 2004-August 7, 2004

Application Deadline: March 1, 2004
Other info: Sophomore, junior, and senior college years; stipend plus housing and transportation are provided.

University of Washington

Seattle, Washington

University of Washington Engineered Biomaterials Summer Undergraduate Research Program

http://www.uweb.engr.washington.edu/education/reu.html

Duration: 10 weeks

Program Dates: June 14-August 20, 2004

Application Deadline: March 19, 2004

Other info: U.S. citizen or a permanent resident of the U.S. or its possessions; academic sophomores and juniors who have completed basic chemistry, mathematics, and engineering courses, where applicable; stipend, meal allowance up to maximum of $600.

Stipends for Training Aspiring Researchers (STAR) Program


Contact: 206-543-7822, jhoffmann@u.washington.edu

Duration: 12 weeks

Other info: Applicant must have successfully completed at least one year of undergraduate studies; stipend provided (some travel stipends are available).

University of Wisconsin

Madison, Wisconsin

Summer Undergraduate Research Programs and McNair Scholars (see URL below for links to 11 programs with program descriptions and deadlines.)

http://info.gradsch.wisc.edu/admin/diversity/sumprog.html

Application: http://admin.engr.wisc.edu/SURP

Summer Undergraduate Research Experience http://studentservices.engr.wisc.edu/diversity/sure/
Duration: 9 weeks

Program Dates: June 7 to August 6, 2004

Application Deadline: Placements will begin January 15, 2004; absolute program deadline is March 1, 2004.

Other info: Undergraduate students majoring in mathematics, chemistry, physics, engineering, biotechnology related engineering areas, and other physical sciences; U.S. citizens or permanent residents; stipend, travel expenses to and from the program, housing in University dormitories, and a meal program at an on-campus facility.

**Vanderbilt University**

Nashville, Tennessee

**Vanderbilt University Summer Science Academy**

[http://medschool.mc.vanderbilt.edu/summer_academy](http://medschool.mc.vanderbilt.edu/summer_academy) (Please see this URL for complete list of 10 opportunities with links.)

Other info: Students must have completed at least the first two years of a curriculum leading to a B.S. in Biology, Biochemistry, or Chemistry; stipend, housing, travel, and dining supplements are provided.

**The College Fund/UNCF Premedical Summer Institute at Fisk University and Vanderbilt University Medical Center**

[http://www.aamc.org/students/considering/smep/start.htm](http://www.aamc.org/students/considering/smep/start.htm)

Duration: 6 weeks

Application Deadline: March 1, 2004

Other info: full tuition, housing, and meals provided.

**Virginia Tech**

Blacksburg, Virginia

**Summer Research Internship Program for Undergraduate Students**

[http://maop.vt.edu/](http://maop.vt.edu/)

Duration: 10 weeks

Program Dates: June 1-August 5, 2004

Application Deadline: March 1, 2004
Other info: Majors in a wide variety of fields—science, agriculture, natural resources, veterinary medicine, public policy, architecture, plus many other fields; stipend, room and board are provided.

**Virginia Tech Post-Baccalaureate Research and Education Program in the Biomedical and Behavioral Sciences**

[http://maop.vt.edu/](http://maop.vt.edu/)

Program Start Date: August 10, 2004

Application Deadline: March 1, 2004

Other info: U.S. citizenship or permanent residency, Masters degree or BA or BS, must have graduated within the last three years; must be individuals from ethnic groups considered by the Federal Government to be historically underrepresented in the biomedical and behavioral sciences; stipend, tuition remission, travel support to attend a workshop or to present at a scientific meeting.

**Wake Forest University Graduate School of Arts and Sciences**

Winston-Salem, North Carolina

**Cardiovascular Summer Program for Minorities** [http://www.wfubmc.edu/hypertension/scvp.shtml](http://www.wfubmc.edu/hypertension/scvp.shtml)

Program Dates: June 2-July 30, 2004

Application Deadline: February 16, 2004

Other info: under-represented minority: Native American Indian, Alaskan Native, Hispanic, Asian/Pacific Islander or African-American; U.S. citizen; undergraduate or master’s student; stipend, room in a Wake Forest University residence hall and transportation costs to and from Winston-Salem will be provided.

**Post-Baccalaureate Research Education Scholars Program**

[http://www.wfubmc.edu/hypertension/prep.shtml](http://www.wfubmc.edu/hypertension/prep.shtml)

Contact: Debra I. Diz, Ph.D.

Professor, The Hypertension & Vascular Disease Center

PREP Scholars, Director

336-716-2150, ddiz@wfubmc.edu

Duration: 1-2 years
Other info: Minority students who have completed the undergraduate degree; must have graduated within the past 3 years; salary and tuition for 1-2 credits per year will be provided.

**Washington University**

St. Louis, Missouri

**BioMedical Research Apprenticeship Program Summer Research Experience**

[http://biomedrap.wustl.edu/](http://biomedrap.wustl.edu/)

Duration: 10 weeks

Program Dates: June 2 to August 6, 2004

Application Deadline: January 31, 2004

Other info: Stipend, housing in university dormitories, and travel to and from St. Louis are provided.

**Yale University**

New Haven, CT

**Biomedical Science Training and Enrichment Program (BioSTEP)**

[http://info.med.yale.edu/omca/programs/biostep.htm](http://info.med.yale.edu/omca/programs/biostep.htm)

Duration: 10 weeks

Stipend, housing, travel provided

Application Deadline: February 1, 2004

Other info: Stipend provided.

**Yale Summer Undergraduate Research Fellowship**

[www.yale.edu/graduateschool/services/odeo_surf.html](http://www.yale.edu/graduateschool/services/odeo_surf.html)

Duration: 8 weeks

Application Deadline: February 1, 2004
PREP

http://www.yale.edu/graduateschool/services/odeo_prep.html

Duration: 1-2 years

Application Deadline: March 1, 2004

Other info: Stipend provided.

Summer Medical Education Program (SMEP)

http://www.aamc.org/students/considering/smep/start.htm

Duration: 6 weeks

Application Deadline: March 1, 2003

Other info for Undergraduate and Graduate Students:

American Society for Microbiology


Robert D. Watkins Minority Graduate Fellowship

Application Deadline: May 1, 2004

Other info: Be admitted into doctoral program in microbiology, have completed 1st year in that program; underrepresented minority, US citizen or permanent (green card) visa status; funding provided for 3 years; fellowship can not run concurrently with other national fellowships from NIH, NSF, HHMI, etc.

Ford Foundation

http://www7.nationalacademies.org/FELLOWSHIPS/fordpredoc.html

Deadline: November 19, 2003

NASA
Minority University Research and Education Programs
http://mured.nasaprs.com/

Biomedical Research and Countermeasures Program
http://spaceresearch.nasa.gov/research_projects/biomedical.html

NASA Ames Life Sciences
http://lifesci.arc.nasa.gov/

NASA Astrobiology
http://astrobiology.arc.nasa.gov/

NASA Astrobiology Institute
http://nai.arc.nasa.gov/

Fundamental Space Biology
http://fundamentalbiology.arc.nasa.gov/

Fundamental Space Biology Research Announcements
http://research.hq.nasa.gov/code_u/open.cfm

NASA’s Fundamental Space Biology Outreach Program
http://weboflife.ksc.nasa.gov/

NASA Education Program
http://education.nasa.gov/

NASA Education Programs
http://spacelink.nasa.gov/Educational.Services/NASA.Education.Programs/index.html

Marshall Space Flight Center
Huntsville, Alabama
http://fellowships.hq.nasa.gov/gsrp/program/

**National Science Foundation**

Fellowship 2004 application deadline has passed (November 4, 2003).
Program Year 2004 will be available on the website in early August 2003.

National Science Foundation Research Experiences for Undergraduates

Application Process Considerations:

Please keep in mind that summer research program application deadlines vary by program and range from November to March.

Application Deadline usually means all required application materials (e.g. application, letters of recommendation, transcripts, etc.) have to be received (not postmarked) by the program office before that date. Some programs may state the application materials must be postmarked by the deadline date.

The volume of applications increases in the weeks leading to the deadline. Your application will probably receive more consideration if received early in the evaluation process. Some programs have a Begin Decision Date and Final Application Deadline and many encourage students to apply early.

Review each program’s eligibility requirements to ensure you meet their criteria.

1. Some programs target specific students--undergrad, underrepresented minority students (i.e. African American, Chicano/a, Latino/a, Native American, Native Pacific Islander, Puerto Rican students). Students interested in pursuing degrees in medicine (MD) or dentistry (DDS) may not be eligible for some programs unless they also plan to pursue a Ph.D.

2. Must meet academic requirements: appropriate number of semesters completed, adequate GPA.

3. U.S. citizenship or permanent resident status.

Applications and/or additional information (research areas, stipends, travel expenses, housing, program requirements (e.g. no courses or other employment while in summer program) may be on file in the MBRS office (OE 219). You may also access the web sites or call the phone numbers included when a web site was not identified.

If you have questions, corrections, or would like to suggest other programs to add to the listing, please contact Esther Lopez at 305-348-7311 or via email lopeze@fiu.edu.