### University Summer Research Programs Information

#### Albert Einstein College of Medicine of Yeshiva University

<table>
<thead>
<tr>
<th>Program Name</th>
<th>Synopsis</th>
<th>Areas of Research</th>
<th>Application Deadline</th>
<th>Contact Information</th>
<th>How to Apply: Webs</th>
<th>Notification</th>
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</thead>
</table>
| Summer Undergraduate Research Program (SURP) | SURP students are considered members of Einstein's student body during their nine-week stay, making them eligible to take part in all social activities on campus.  
- free housing in the student residence complex on the Einstein campus,  
- a $3,000 stipend, and  
- up to $500 in transportation assistance (for students who live outside the New York City metropolitan area only). Please note: international travel cannot be reimbursed. | • small-group meetings to discuss their research with other students,  
• weekly faculty seminars on hot research topics,  
• a workshop on ethical issues in science and medicine, and  
• a career planning workshop. | February 1 | Summer Undergraduate Research Program  
Einstein Graduate Programs in the Biomedical Sciences  
Albert Einstein College of Medicine  
1300 Morris Park Ave - Belfer 203  
Bronx, NY 10461 | www.aecom.yu.edu/phd/index.asp?surp | The online application for the Summer Undergraduate Research Program is available.  
Send questions about eligibility to surp@aecom.yu.edu |
<table>
<thead>
<tr>
<th>University</th>
<th>Boston University</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Program Name</strong></td>
<td>Undergraduate Research Opportunities Program</td>
</tr>
<tr>
<td><strong>Synopsis</strong></td>
<td>Boston University's Summer Undergraduate Research Fellowship (SURF) Program takes place over 10 weeks each summer. It consists of the following: Full-time research with a BU faculty member (approximately 40 hours per week) Weekly seminars on topics related to career preparation and current research Weekly informal meetings Final presentation on your summer research Participation in BU's fall Undergraduate Research Symposium All participants receive the following:</td>
</tr>
<tr>
<td><strong>Areas of Research</strong></td>
<td>Biology Chemistry Psychology Engineering Computer science</td>
</tr>
<tr>
<td><strong>Application Deadline</strong></td>
<td>March 4</td>
</tr>
<tr>
<td><strong>Contact Information</strong></td>
<td>Students who are interested in becoming involved with a research project should contact the professor directly. Boston University UROP 143 Bay State Road Boston, MA 02215 617-353-2020 Fax 617-353-2056</td>
</tr>
<tr>
<td><strong>How to Apply: Web</strong></td>
<td>Application On-line Process: <a href="http://www.bu.edu/urop/prospective/application-process/">www.bu.edu/urop/prospective/application-process/</a></td>
</tr>
<tr>
<td><strong>Notification</strong></td>
<td>Due to the volume of applications and our processing requirements, UROP deadlines are strict. Late applications must be approved by the UROP staff in advance.</td>
</tr>
</tbody>
</table>
Access Summer Research Program

The ACCESS program of Weill Cornell Graduate School of Medical Sciences (WCGS) is a summer internship program designed for undergraduates from underserved or underrepresented populations who are interested in pursuing graduate study toward a Ph.D.

The program lasts 10 weeks during the summer. At the end of 10 weeks, a celebratory award ceremony is held in which students give poster and oral presentations on their research. Each student receives a generous stipend of $3,500 and up to $500 for travel expenses. On-campus housing is provided free of charge to those who are not from the New York City area.

Areas of Research: Biochemistry and Structural Biology, Cell and Developmental Biology, Immunology and Microbial Pathogenesis, Molecular Biology, Neuroscience, Pharmacology, Physiology, Biophysics, & Systems Biology, and Computational Biology and Medicine.

February 1

Graduate School Office
Weill Cornell Graduate School of Medical Sciences
Phone: 212-746-6565
spbaly@med.cornell.edu

Global Environmental Microbiology (GEM) Summer Course

Funded by the National Science Foundation, C-DEBI offers the Global Environmental Microbiology (GEM) course in microbiology and microbial ecology.

• Offered at the University of Southern California
• Four weeks in length in the Summer of 2016
• Week 1 at USC with lectures and labs
• Week 2 in the Eastern Sierra Mountains
• Weeks 3 and 4 at Wrigley Marine Science Center on Santa Catalina Island

February 2

contact@darkenergybiosphere.org

Apply on-line: www.darkenergybiosphere.org/education-diversity/for-undergraduates/gem-course/
### Fred Hutchinson Cancer Research Center

**Program Name**: Summer Undergraduate Research Program SURP

**Synopsis**
Students will receive $4,500 (minus taxes) for their participation in the Summer Undergraduate Research Program.

Roundtrip travel costs (up to $450) are provided. Travel arrangements will be coordinated by program staff unless otherwise requested. If the cost of airfare is less than $450, the program will reimburse students for the cost of luggage fees and/or ground transportation to and from the airport. A receipt denoting the cost of these items is required for reimbursement. Students who drive to Seattle may receive mileage reimbursement (up to $450).

**Areas of Research**
- Basic Science
- Human Biology
- Public Health
- Clinical Research
- Vaccine and Infectious Disease

**Application Deadline**: January 16

**Contact Information**
email: SURP@fhcrc.org

**How to Apply**: Complete the online application for the Summer Undergraduate Research Program is [ext.fhcrc.org/open/surp/application.php](ext.fhcrc.org/open/surp/application.php)
SHURP is a ten-week summer research program primarily for college students belonging to groups that are under-represented in the sciences. SHURP presently has 475 alumni from colleges across the country, and over 90% are continuing or planning to continue training and careers in the sciences. SHURP is one of the summer research programs participating in the Summer Research Early Identification Program of the Leadership Alliance, a consortium of 33 colleges and universities dedicated to improving the participation of historically underrepresented students in graduate programs.

While the majority of participants receive a supplement from SHURP, circumstances can vary. Arrangements will be made with the appropriate parties for those students who have funding from other sources such as their home institution. The typical stipend amount is $450/week for 10 weeks.

<table>
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<tr>
<th>University</th>
<th>Indiana University School of Medicine</th>
<th>Program Name</th>
<th>Synopsis</th>
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<th>Application Deadline</th>
<th>Contact Information</th>
<th>How to Apply: Webs</th>
<th>Notifications of Placement</th>
</tr>
</thead>
</table>
|            |                                      |              |          | biological and biomedical sciences including (but not limited to): cellular and developmental biology, cell cycle regulation, stem cell biology, studies of blood cells, cancer biology, endocrinology, immunology, microbiology, molecular biology, genetics, neuroscience, receptor structure and function, transmembrane signaling mechanisms, and virology. | Applications Begin: November 1  
Application Deadline: February 1 | 133 Waterman Street, Providence RI 02912  

Text27
Undergraduate Research for Prospective Physician-Scientists and Physician-Engineers

The program will pay each participant $2,600 for the ten-week summer experience, which begins May 27 and ends August 5. Basic science disciplines and through the interdisciplinary centers for medical research.

Student housing will be provided.

Indiana University School of Medicine
635 Barnhill Drive, MS 207
Indianapolis, Indiana 46202-5120
Tel: (317) 278-5207
Fax: (317) 278-5241
Email: jlreceve@iu.edu

Download and mail in application: medicine.iu.edu/research/student-research-opportunities/internships/

Decision Date: February 23

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Johns Hopkins Bloomberg School of Public Health

Program Name: Research Internships for Student Engagement in Environmental Health (RISE)

Synopsis: The ten-week program typically runs from the end of May through the first week in August. During this time, interns work one-on-one with faculty on research projects in their field of interest. In addition, interns attend public health awareness and professional development sessions.

Areas of Research:
- Autoimmune Disease Research Center
- Center for Adolescent Health
- Center for American Indian Health
- Department of Environmental Health Sciences
- Department of Health Policy and Management

Application Deadline: February 1

Contact Information:
Office of Student Life
Phone: 410-502-2487
Fax: 410-502-9809
Email: jhosp.diverse@jhu.edu

On-line application process:

Notification: Applicants will be notified of their acceptance by mid-March.

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Massachusetts Institute of Technology

Program Name: Wednesday, December 09, 2015

Synopsis: 

Areas of Research:

Application Deadline:

Contact Information:

How to Apply: 

Notification:
### Biology/BCS/CBMM Summer Research Internship

The Department of Biology, Department of Brain & Cognitive Sciences and the Center for Brains, Minds and Machines at MIT offer a joint 10-week research-intensive summer training program in the biological sciences, neurosciences or biomedical-related fields to advanced sophomore and junior science majors from other colleges and universities who have an interested in a research career.

- Biochemistry & Biophysics
- Bioengineering, Cancer Biology, Cell Biology, Chemical Biology, Computational & Systems Biology, Developmental Biology, Genetics, Genomics, Human Genetics, Infectious Diseases, Immunology, Microbiology, Molecular Biology, Molecular Medicine & Human Disease, Molecular and Cellular Neuroscience, Cognitive Sciences, Computational Neuroscience, Systems Neuroscience, Neurobiology, Plant Biology, Structural Biology, Systems Biology, or Virology

**Massachusetts Institute of Technology**  
Department of Biology  
77 Massachusetts Ave., 68-132  
Cambridge, MA 02139  
Phone: 617–253–4701  
On-line application process: biology.mit.edu/outreach_initiatives/UG_summer_internship

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### New York University

**Program Name**

**New York University**

**University**

**Program Name**

**New York University**

**Synopsis**

**Areas of Research**

**Application Deadline**

**Contact Information**

**How to Apply: Web**

**Notification**

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Wednesday, December 09, 2015
### Summer Undergraduate Research Program (SURP)

SURP runs for nine weeks, from early June through the beginning of August. All candidates accepted to SURP must be able to attend during this time frame.

SURP guarantees all participants:
- A payment of $3,500
- Free housing in a NYU facility
- Round-trip travel expenses to New York City

<table>
<thead>
<tr>
<th>Biomedical Imaging</th>
<th>Applications are due by Feb. 1st</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioinformatics</td>
<td>Amanda Tufekcier</td>
</tr>
<tr>
<td>Cellular and Molecular Biology</td>
<td>Summer Undergraduate Research Program</td>
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<tr>
<td>Developmental Genetics</td>
<td>The Sackler Institute</td>
</tr>
<tr>
<td>Genome Integrity</td>
<td>NYU School of Medicine</td>
</tr>
<tr>
<td>Immunology &amp; Inflammation</td>
<td>341 East 25th Street, 2nd</td>
</tr>
<tr>
<td>Microbiology</td>
<td>Floor, Room 219</td>
</tr>
<tr>
<td>Molecular Biophysics</td>
<td>New York, NY 10010</td>
</tr>
<tr>
<td>Molecular Oncology &amp; Tumor Immunology</td>
<td><a href="mailto:amanda.tufekcier@nyumc.org">amanda.tufekcier@nyumc.org</a></td>
</tr>
<tr>
<td>Molecular Pharmacology</td>
<td>Apply On-line:</td>
</tr>
<tr>
<td>Neuroscience and Physiology</td>
<td><a href="http://www.med.nyu.edu/">www.med.nyu.edu/</a></td>
</tr>
<tr>
<td>Pathobiology &amp; Translational Medicine</td>
<td>sackler/summer-</td>
</tr>
<tr>
<td>Stem Cell Biology</td>
<td>undergraduate-</td>
</tr>
<tr>
<td></td>
<td>research-program-surp</td>
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<tr>
<td></td>
<td>via email the week of March 3rd</td>
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</tbody>
</table>

### University of Pennsylvania

**Program Name**: Penn State Hershey

**Synopsis**

**Areas of Research**

**Application Deadline**

**Contact Information**

**How to Apply**

**Notification**

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### Summer Undergraduate Research Programs at the College of Medicine

Penn State College of Medicine offers summer undergraduate research programs for college undergraduate students who are curious about careers in the biomedical sciences.

Penn State College of Medicine is committed to equal opportunity and maximizing our diversity, and thus encourages applications from women, underrepresented minorities, persons with disabilities, or persons who represent the first generation in their family to attend college.

Several of the programs have applicant restrictions. Please review the requirements for each program before submitting your application.

Please check the web site for the application deadlines of each program.

Office of Graduate Student Affairs
Penn State College of Medicine
500 University Dr., M.C. H170
Hershey PA 17033
Phone: 717-531-8892
Fax: 717-531-0786
Email: grad-hmc@psu.edu

Apply On-line for all summer programs: www2.med.psu.edu/graded/summer-undergraduate-research-programs-at-the-college-of-medicine/

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### University

#### Princeton University

<table>
<thead>
<tr>
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<th>Areas of Research</th>
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<th>Contact Information</th>
<th>How to Apply: Web</th>
<th>Notification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer Undergraduate Research Programs</td>
<td>Several established summer programs provide Princeton students, as well as students from other colleges and universities, with the opportunity to obtain hands-on research experience in specific fields. You can search the database below for research program opportunities that match your interests. Visit the web site for a complete list of Summer Programs:</td>
<td>Visit the web site for all areas of research.</td>
<td>Please check the appropriate program for deadlines and other pertinent information.</td>
<td>For More Program Information: Pascale Maloof Poussart, Ph.D. Director of Undergraduate Research 331 Frist Campus Center T: 609-258-1065 F: 609-258-6371 <a href="mailto:poussart@princeton.edu">poussart@princeton.edu</a></td>
<td>On-line application process for all programs: undergraduate research.princeton.edu/programs/summer-programs</td>
<td></td>
</tr>
</tbody>
</table>

Visit the web site for all areas of research.
<table>
<thead>
<tr>
<th>University</th>
<th>Program Name</th>
<th>Synopsis</th>
<th>Areas of Research</th>
<th>Application Deadline</th>
<th>Contact Information</th>
<th>How to Apply: Webs</th>
<th>Notification</th>
</tr>
</thead>
</table>
| Purdue University  | Purdue Summer Research Opportunities Program (SROP) | The Purdue SROP has the goal of enhancing diversity in academic, government, and industry positions that require graduate degrees. It is our aim to encourage talented undergraduate students from social and economic backgrounds that are underrepresented in research careers to pursue graduate education, and to enhance their preparation for graduate study. This program involves intensive research experiences with faculty mentors. Housing and Stipend Information: | Scholars may work in any discipline in which Purdue offers a PhD degree | March 1              | Purdue University  
The Graduate School  
Attn: Purdue SROP  
Ernest C. Young Hall 170  
302 Wood Street  
West Lafayette, IN 47907-2108  
E-mail: srop@purdue.edu  
Telephone: 765-494-2600  
Fax: 765-494-0136 | Application process:  
www.purdue.edu/GRADSCSCHOOL/diversity/srop/index.html |             |
| Rutgers University |                       |                                                                                                                                                |                                                                               |                      |                                                                                            |                            |              |
Rutgers University is pleased to invite applications for the 2016 Summer Undergraduate Research Program (SURP) in Molecular and Developmental Neurobiology which is funded, in part, by a grant from the National Institutes of Health. The goals of the program are to:

Increase student knowledge and appreciation of basic Neuroscience research by providing a closely-mentored, hands-on graduate level research experience.

Increase student knowledge and interest in pursuing careers in research through career development and educational activities.

Developmental and adult neurobiology, including studies in: gene expression and regulation; molecular genetics; ion channel, receptor and enzyme function; hormone, cytokine and growth factor actions; cytoskeletal function; membrane structure; cell fate specification; stem cell differentiation; behavior and learning. Model systems include mammalian, lower vertebrate, and invertebrate organisms.

APPLICATION DEADLINE IS FEBRUARY 19.

Applicants will be notified by April 15.

The dates of the program are May 31 - August 5, 2016.

Ms. Joan Mordes
(neurosurp@rwjms.rutgers.edu)
SURP Program Administrative Coordinator
Dept. of Neuroscience & Cell Biology
Rutgers Robert Wood Johnson Medical School
683 Hoes Lane West,
Research Building 363
Piscataway, NJ 08854
732/235-5390

On-line application process for all summer programs:
rwjms.rutgers.edu/departments_institutes/neuroscience/grad_pgm/summer_prog/
Noble Summer Research Scholars in Plant Science Program

Noble Scholars participate in hands-on workshops that allow access to a broad range of research experiences, including confocal microscopy and a comprehensive analysis of forage improvement techniques.

- Applied Genomics, Analytical Biochemistry, Biochemistry, Bioinformatics, Cell Biology Developmental Biology, Genetics/Genomics Genetics of Disease, Metabolomics/Proteomics/Functional Genomics Molecular Biology, Molecular Breeding Molecular Plant Pathology, Phytochemistry Plant-Microbe Interactions, Structural Biology Transformation, Viral Evolution

Feb. 12 www.noble.org/summer-scholar/
Apply on-line: www.noble.org/summer-scholar/

University

The Children's Hospital of Philadelphia

Program Name  Synopsis
Research Institute Summer Scholar's Program  • Full-time mentored research experience • Opportunities in laboratory, clinical, behavioral, and translational research • World-renowned faculty mentors and training program • Clinical shadowing opportunities • Independent research project • Summer stipend $4,000 • Ten-week program

Areas of Research  Application Deadline  Contact Information  How to Apply: Website Notification
clinical, behavioral and translational pediatric research.  February 1  CRISSP@email.chop.edu  On-line application process: www.research.chop.edu/programs/crissp/index.php

Wednesday, December 09, 2015
Page 12 of 27
### The Leadership Alliance

**Program Name:** Summer Research Program  

**Synopsis:** Since 1992, the Leadership Alliance has encouraged students from groups traditionally underrepresented in the sciences, engineering, social sciences and humanities to pursue research careers in the academic, public and private sectors.

SR-EIP provides undergraduates with training and mentoring in the principles underlying the conduct of research and prepares them to pursue competitive applications to graduate schools.

SR-EIP is a gateway to ongoing resources, mentoring and professional networks to support all participants along their chosen career path.

SR-EIP is a rigorous research experience designed specifically for undergraduates interested in applying to PhD or MD-PhD programs.

**Areas of Research:** Diverse Disciplines  

**Application Deadline:** February 1  

**Contact Information:**  
- 133 Waterman Street, Providence RI 02912  
- Ph: 401.863.1474 | Fax: 401.863.2244

**How to Apply:** On-line Application:  
- [http://www.theleadershipalliance.org](http://www.theleadershipalliance.org)
Summer Undergraduate Research Program

The Louis V. Gerstner, Jr. Graduate School of Biomedical Sciences, Memorial Sloan Kettering Cancer Center, sponsors a ten-week research program for outstanding undergraduate students who are interested in pursuing a career in the biomedical sciences. Our ten-week Summer Undergraduate Research Program (SURP), which begins on the first Monday in June, is designed for approximately 20 outstanding undergraduate freshmen, sophomores, and juniors who are interested in pursuing a career in biomedically related sciences. Applicants must have research experience. Students who are accepted into the program will be offered a stipend of $4,000 and housing. Housing accommodations are available in proximity to the school for the duration of the summer program. All students deliver research presentations at a poster session at the end of the program, and four exceptional students will be named "Rubin and Sarah Shaps Scholars at the end of the program.

Areas of Research:
- Developmental biology and genetics
- Signals and pathways involved in the control of cell proliferation
- Cell-cell interactions, adhesion, and protein targeting
- Tumor immunology, immunotheraphy, and transplantation biology
- Genomic integrity and human cancer genetics
- Drug development, drug resistance, and clinical therapeutics
- Chemical biology and structural biology
- Computational biology

The application opens September 1, and the application and all supporting documents must be submitted by the February 1 deadline.

E-mail surp@sloankettering.edu
Telephone 646.888.6639
Mailing Address Louis V. Gerstner, Jr. Graduate School of Biomedical Sciences Memorial Sloan Kettering Cancer Center 1275 York Avenue, Box 441 New York, NY 10065

Applicants generally receive an e-mail message notifying them of a decision between March 1 and March 15.
Summer Research Opportunity Program (SROP)

The University of Wisconsin-Madison offers a number of Summer Research Opportunities to undergraduate students. These are unique opportunities for undergraduates to work closely with faculty mentors and graduate students in their major discipline. Students accepted into research programs are matched with faculty whose expertise and interests match the student's research interest. Students gain valuable skills for success in post-graduate studies and careers in their chosen field. Upon completing their summer research, students have the opportunity to present and receive reviews of their individual work. The SROP goal is to create a diverse academic environment by increasing the number of traditionally underrepresented students in UW-Madison graduate programs and ultimately the professoriate.

Diverse areas of research. Please check the web site for complete information

We offer several programs in the biological sciences and have limited non-federal funding sources with which to match your federal MARC program funds. Links to our biology programs are provided below. Our application deadline is February 15.

University of Wisconsin - Madison Graduate School
217 Bascom Hall 500 Lincoln Drive Madison, WI 53706
PHONE: 608-262-2433 FAX: 608-265-6742

On-line application process: grad.wisc.edu/diversity/srop

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University

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<th>How to Apply: Webs</th>
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Tufts Sackler School of Graduate Biomedical Sciences

Wednesday, December 09, 2015
BUILDING DIVERSITY IN BIOMEDICAL SCIENCES (BDDBS)
Summer Research Program for Undergraduate Students

The Sackler School offers 10 week summer internships for undergraduate students interested in pursuing research careers in the biomedical sciences, beginning the first week of June. Stipends are available to cover travel and living expenses, and housing is available in the university dormitory.

Biomedical Sciences
February 15

For more information on all summer research opportunities:
Office of the Dean – Admissions
Sackler School of Graduate Biomedical Sciences
Suite 813
Tufts University School of Medicine
136 Harrison Avenue
Boston, MA 02111
Phone: (617) 636-6767

Complete our online application form: sackler.tufts.edu/Admissions/Apply-to-Non-Degree-Programs/BUILDING-DIVERSITY-in-Biomedical-Sciences

U.S. Department of Homeland Security (DHS)

Program Name: 2016 HS-STEM Summer Internships

Synopsis: The U.S. Department of Homeland Security (DHS) Science and Technology Directorate Office of University Programs sponsors a 10-week summer internship program for students majoring in homeland security related science, technology, engineering and mathematics (HS-STEM) disciplines.

Areas of Research: Engineering, computer science, mathematics, physics, chemistry, biological / life sciences, environmental science, emergency and incident management, social sciences, and more.

Application Deadline: December 16

Contact Information: DHsed@orau.org

How to Apply: Apply on-line: www.orau.gov/dhseducation/internships/

UCLA

Program Name: UCLA

Synopsis: 

Areas of Research: 

Application Deadline: 

Contact Information: 

How to Apply: 

Notification: 

Wednesday, December 09, 2015
The UCLA Summer Programs for Undergraduate Research (SPUR) offer upper division undergraduate students with outstanding academic potential the opportunity to work closely with faculty mentors on research projects. The programs are designed for students who wish to learn more about the graduate school experience and possibly pursue an academic career in teaching and research.

There are many diverse summer research programs available. Please visit the website for more information on all programs:

March 31 unless otherwise stated in the program

Graduate Outreach & Diversity
Graduate Outreach & Diversity at outreach@grad.ucla.edu or (310) 206-8743

On-line application:
On-line application: grad.ucla.edu/admissions/diversity/summer-programs-for-undergraduate-research-spur/

Notification of decisions will be made by the end of May

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### UNC-Chapel Hill School of Medicine

**Program Name**

**Synopsis**

The Summer Undergraduate Research Experience (SURE-REU) Program in Molecular Biosciences at UNC-Chapel Hill provides talented undergraduate students the opportunity to carry out independent research projects under the guidance of faculty mentors

**Areas of Research**

- biochemistry
- molecular biology
- cell biology
- cellular biophysics
- structural biology
- computational biology
- genetics
- genomics
- proteomics

**Application Deadline**

February 29

**Contact Information**

SURE-REU Program
University of North Carolina
CB#7108
Chapel Hill, NC 27599-7100

Send e-mail to sure@med.unc.edu

**How to Apply: Web**

Apply On-line:
www.med.unc.edu/oge/stad/sure/online-applications

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### University of Michigan

**Program Name**

**Synopsis**

**Areas of Research**

**Application Deadline**

**Contact Information**

**How to Apply: Web**

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Summer Research Opportunity Program

- $4,000 stipend
- Roundtrip airfare or mileage
- Room and board in University housing facilities
- GRE preparation course at no additional cost
- Weekly seminars to help prepare for graduate school
- Networking and professional development opportunities
- Access to campus facilities such as libraries, computer labs, etc. (gym fees are extra)
- Fee waiver to apply to a future Rackham Graduate School doctoral program

Diverse disciplines

Applications are due February 10

If you have any further questions, please contact:

Summer Research Opportunity Program
1530 Rackham Building
915 E. Washington Street,
Suite 1530
Ann Arbor, MI 48109-1070
E-mail: srop.rackham@umich.edu
Phone: (734) 647-4013
Fax: (734) 936-2848

Visit the web site on how to apply:
www.rackham.umich.edu/srop

University of Chicago

Program Name
Research Experience for Undergraduates in Molecular Genetics and Cell Biology

Synopsis
Interns will be hosted by research laboratories in the department, most of which are housed in the Cummings Life Sciences Center, with several laboratories in a nearby building. Interns will have full access to the advanced instrumentation available in the host laboratories as well as in a large set of superb core facilities, including advanced light and electron microscopy, next generation DNA sequencing, and a wide range of biophysical approaches. Program begins June 12th and ends August 18th.

Areas of Research
Molecular Genetics and Cell Biology

Application Deadline
February 1

Contact Information
Aaron Turkewitz
Dept. of Molecular Genetics and Cell Biology
The University of Chicago
apturkew@uchicago.edu

How to Apply: Webs
Applications process: mgcb.bsd.uchicago.edu/reu

Notification
February-March
# University of Hawaii

**Program Name**: Summer Internship Research Opportunities  
**Synopsis**: The Pacific Internship Programs for Exploring Science (PIPES) operates as an umbrella program for three internship opportunities and works to coordinate a collaborative program for all participants in the three internship programs each summer. There three different programs. Please visit the web site for details on individual programs  
**Areas of Research**: Tropical conservation science, resource management, and/or environmental education and outreach  
**Application Deadline**: Applications for Summer 2016 will be online at the beginning of January  
**Contact Information**: PIPES Program  
University of Hawaii at Hilo  
200 W. Kawili St.  
Hilo, HI 96720  
Email: uhintern@hawaii.edu  
Fax: (808) 933-0704  
**How to Apply**: Apply on-line: [hilo.hawaii.edu/uhintern/InternshipHeadPage.php](hilo.hawaii.edu/uhintern/InternshipHeadPage.php)

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# University of Iowa

**Program Name**: Summer Research Experience for Undergraduates in Microbiology  
**Synopsis**: The REU in Microbiology at The University of Iowa seeks to foster the careers of the next generation of microbiologists. We do this by providing an intensive 10-week research experience for bright and ambitious undergraduates who are considering a PhD in microbiology or an allied discipline. In 2016, we expect to support 8-10 participants, pending the  
**Areas of Research**: Microbiology  
**Application Deadline**: February 15  
**Contact Information**: Summer REU in Microbiology at Iowa  
University of Iowa  
3-403 Bowen Science Building  
Iowa City, IA 52242-1109  
Phone: (319) 335-7980  
Email: undergrad-micro-info@uiowa.edu  
**How to Apply**: On-line application process: [https://www.medicine.uiowa.edu/microbiology/](https://www.medicine.uiowa.edu/microbiology/)

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# University of Maryland Baltimore County
Diverse Summer Research Programs Available

Please visit the website for complete information on summer research: summerbiomed.umbc.edu/

Biochemistry
Biological Sciences
Chemistry
Chemistry/Biology Interface
Engineering
Chemical
Electrical
Mechanical
Molecular and Cell Biology
Psychology

Many summer programs, especially those in the sciences, have application deadlines in February

Janet McGlynn: mcglynn@umbc.edu
Devon Fick: dfick1@umbc.edu

Visit website for application process: summerbiomed.umbc.edu/

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Wednesday, December 09, 2015
UM-SMART is designed for undergrads who are potentially interested in obtaining a combined MD/PhD degree leading to a career in academic medicine focused on basic research relevant to human diseases. This program may help you decide if this is the right career for you, and could enhance your competitiveness when applying to MD/PhD programs. Participants in UM-SMART can expect to:

- Perform full-time research in a faculty laboratory
- Attend weekly luncheon presentations where faculty discuss their research
- Give short presentations of their summer accomplishments at the conclusion of the program
- Obtain clinical exposure opportunities in the form of physician shadowing
- Attend the MSTP annual scientific retreat

Have completed either an organic chemistry course with lab or a biology course (physiology, biology, biochemistry)

January 16

February 10

The University of Michigan
University of Michigan Medical School
M4101 Medical Science Building I – C Wing
1301 Catherine
Ann Arbor, MI 48109-5624
Main number: (734) 763-9600

Summer Research Opportunity Program
1530 Rackham Building
915 E. Washington Street, Suite 1530
Ann Arbor, MI 48109-1070
E-mail: srop.rackham@umich.edu
Phone: (734) 647-4013
Fax: (734) 936-2848

Apply by downloading and completing the form at this address:
med.umich.edu/medschool/mstp/students/prospective/pre-mstp-program.html

www.rackham.umich.edu/srop
The Office of Undergraduate Research at the University of Missouri (MU) coordinates a number of summer research programs for undergraduates enrolled at other institutions. Many diverse areas of study are available.

**Office of Undergraduate Research**
150 Bond Life Sciences Center, University of Missouri, Columbia, MO 65211
Phone: 573-882-5979 | Fax: 573-884-9395 | E-mail: ugr@missouri.edu

Visit the web site for the application processes:
undergradresearch.missouri.edu/programs-jobs/programs/

### University of Nebraska–Lincoln

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<tr>
<td>Summer Research Program (SRP)</td>
<td>The Nebraska Summer Research Program is a consortium of NSF funded Research Experiences for Undergraduates (REU) and other summer research opportunities programs (SROP). One unique feature of the Nebraska Summer Research Program is the partnership between the REU and SROP programs and the Office of Graduate Studies. Students benefit in having a community of scholars in which to learn and to share research with.</td>
<td>- Applied Mathematics  - Bioenergy Systems  - Biomedical Engineering  - Chemistry  - Optics and Laser Physics  - Minority Health Disparities  - Nanohybrid Functional Materials  - Redox Biology  - Sustainability of Civil Infrastructure  - Virology</td>
<td>February 1</td>
<td>Summer Research Program 1300 Seaton Hall Lincoln NE 68588-0619 <a href="mailto:graduate@unl.edu">graduate@unl.edu</a></td>
<td>On-line application process: <a href="http://www.unl.edu/summerprogram/apply">www.unl.edu/summerprogram/apply</a></td>
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### Summer Program for Undergraduate Research (SPUR)

The University of Oregon (UO) Summer Program for Undergraduate Research (SPUR) provides fellowship opportunities for undergraduate students from other Universities and Colleges to participate in ongoing research in Life Sciences laboratories at UO during the Summer months. Each project is a rigorous and rich immersion in a mentored, high profile science research project with a lab mentor under the direction of a research professor.

STEM field related areas of study

There is not a strict deadline. Rolling admission begins in late January.

Email: spur@uoregon.edu
Phone: (541) 346-5862
Fax: (541) 346-4548
1254 University of Oregon, Eugene OR 97403-1254

### University of Pittsburgh School of Medicine

#### Program Name

Summer Undergraduate Research Program (SURP)

#### Synopsis

SURP provides an intensive 10-week research experience designed to help undergraduates perform outstanding cutting edge research at Pitt. Students are matched with research mentors, participate in weekly seminars and lab meetings and conduct laboratory based research. Housing in a modern University dormatory is provided along with social activities that enable students to enjoy life in Pittsburgh. At the program's conclusion all students write up their work and give presentations on their projects. If you are contemplating graduate school in the biomedical sciences, then SURP can help give you the experience needed to make an informed decision.

#### Areas of Research

- Cell Biology
- Cellular and Molecular Pathology
- Immunology
- Molecular Biophysics and Structural Biology
- Molecular Genetics and Developmental Biology
- Molecular Pharmacology
- Molecular Virology and Microbiology

#### Application Deadline

The early deadline for completing your application is February 1. The final deadline is March 1.

#### Contact Information

524 Scaife Hall
Pittsburgh, PA 15261
412-648-8957
Fax 412-648-1077
gradstudies@medschool.pitt.edu

#### How to Apply: Website

Apply on-line: gradbiomed.pitt.edu/admissions/summer-undergraduate-research-program
### University of Utah

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<tr>
<td>Summer Undergraduate Research Program (SURP)</td>
<td>SURP is designed to accept applications from members of all racial and ethnic groups, however, we particularly encourage applications from students who belong to an ethnic or racial group that is considered by the National Institutes of Health to be underrepresented in the biomedical sciences (African American, Hispanic/Latino, Native American, Native Alaskan, Native Pacific Islander). Admission to the program is competitive and preference will be given to students who are currently sophomores or juniors.</td>
<td>Biomedical Sciences</td>
<td>February 1</td>
<td>SURP Administrator Kayla Hatch 801-581-5207 <a href="mailto:khatch@genetics.utah.edu">khatch@genetics.utah.edu</a> University of Utah/SURP 26 South 2000 East Building 575, Rm 3650 HSEB Salt Lake City UT 84112-5750</td>
<td>Apply On-line: <a href="http://www.bioscience.utah.edu/graduate-programs/affiliated-research.php">http://www.bioscience.utah.edu/graduate-programs/affiliated-research.php</a></td>
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### University of Virginia Mountain Lake Biological Station

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<tr>
<td>Research Experiences for Undergraduates</td>
<td>The program brings undergraduate students from around the country together for an exciting ten-week summer program of guided, but independent, original research in field biology. The MLBS REU program provides participants with take home a stipend of $5,250; it also covers all room and board expenses and has a project and travel budget. Participants pay no fees or tuition charges of any kind.</td>
<td>population biology at the intersection of field-based studies of ecology, evolution, and behavior</td>
<td>February 20</td>
<td>Mountain Lake Biological Station Phone: (434) 982-5486 Fax: (434) 297-4907 Email: <a href="mailto:mlbs@virginia.edu">mlbs@virginia.edu</a> 485 McCormick Road 064 Gilmer Hall P.O. Box 400327 Charlottesville, VA 22904-4327</td>
<td>Apply On-line: <a href="http://mlbs.org/reuprogram">mlbs.org/reuprogram</a></td>
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</table>
University of Virginia School of Medicine

**Program Name:** Summer Research Internship Program

**Synopsis:** The University of Virginia School of Medicine offers summer research internship opportunities to qualified college undergraduates considering a career in biomedical research. The program targets, but is not limited to, racially and ethnically diverse students in their junior and senior years. Interns receive $4,683 toward summer expenses. In addition, housing and travel to and from Charlottesville are provided.

**Areas of Research:** Visit website for more details: med.virginia.edu/diversity/programs/srip/

**Application Deadline:** February 5.

**Contact Information:**

Administrator: 1-434-924-1757
Summer Research Internship Program
1340 Jefferson Park Avenue, Room 1102
Charlottesville, VA 22908
srip@virginia.edu

**How to Apply:** On-line application: med.virginia.edu/diversity/programs/srip/

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Vanderbilt University

**Program Name:** Undergraduate Clinical Research Internship Program

**Synopsis:** The program provides each student housing on-campus for the summer, and participants will receive a stipend of $1,500. The program does not provide support for travel or meals. Disadvantaged students accepted into the program may be eligible for financial assistance. Visit their web site for more information: https://medschool.vanderbilt.edu/vssa/

**Areas of Research:** Basic Science Programs for undergraduates interested in careers in research, and the Undergraduate Clinical Research Internship Program

**Application Deadline:** February 1

**Contact Information:**

General questions can be directed to vssa@vanderbilt.edu
Phone: 615-343-4611

**How to Apply:** On-line application process: medschool.vanderbilt.edu/vssa/

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Virginia Tech

**Program Name**

**Synopsis**

**Areas of Research**

**Application Deadline**

**Contact Information**

**How to Apply:**

**Notification**
Multicultural Academic Opportunities Program (MAOP) Students interact with other student researchers, faculty and graduate students in different areas of study, using state-of-the-art equipment, and attend seminars on the nature of graduate academic life. Students also prepare to take the Graduate Record Examination (GRE), and receive counseling on gaining admission to graduate school and available funding opportunities. In addition, the experience provides for a two day retreat at Camp Alta Mons, and provides students with the opportunity to enhance their personal growth and development. Participants in the Summer Research Internship Program receive a stipend of $3000, on-campus room and board, and participate in a GRE test preparation program. The SRI program is ten weeks long.

Biochemistry, Biological Sciences, Cancer Biology, Cell Biology, Microbiology and Immunology, Molecular Physiology and Biophysics, Neuroscience, Pathology, and Pharmacology.

There are several summer programs available please visit the web site link below for details:

Summer at VT

Dr. Jody Thompson-Marshall, Director
Multicultural Academic Opportunities Program (MC0276)
Fentoyer Hall, RM 110, Virginia Tech
280 Stanger ST
Blacksburg, VA 24061
Phone: (540) 231-5023
Fax: (540) 231-2618
Email: maop@vt.edu

For other summer program contact info please check the web site

University

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<tr>
<td>CIB Program</td>
<td>Please visit the website to view the summer programs listed.</td>
<td>Biomedical Engineering Cardiovascular Sciences Translational Science Biomaterials Cell and molecular biology Physiology Controlled delivery Biochemistry Cell and gene therapy Tissue engineering</td>
<td>Please visit their website for individual deadline dates.</td>
<td>Please visit the website for contact information.</td>
<td>On-Line application process: graduate.wfu.edu/summerprograms/</td>
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<tr>
<td>EICS Program</td>
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<td>NIDA Program</td>
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<td>TSI Program</td>
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Wake Forest University

On-line application process: www.maop.vt.edu/Undergraduate_programs/summer_research.html