

Guide for Summer Programs Outside of UCLA

2015

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URC-Sciences

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UNIVERSITY OF OREGON (SPUR) Deadline: Rolling Basis (see website)

Program Overview:

The Summer Program for Undergraduate Research aims to train students to become creative explorers, to expand their interest and excitement in science, and to increase opportunities for them to pursue careers in research. We are very interested in enhancing the diversity and talent of the next generation of life scientists in the research community. We stress active, experiential learning, because a true understanding of scientific ideas requires immersion into the processes of discovery, and it is reflected in the ability to communicate these ideas.

Program Dates:

Flexible; must complete 10 weeks in program.

Eligibility Guidelines:

- Must have completed at least one academic year before entering SPUR (graduating seniors also eligible).
- U.S. Citizen or Permanent Resident.
- Able to commit to a full 10 week experience within the program dates

Contact Info:

E-mail: summerpgms@uoregon.edu

Phone: (541) 346-5862

Application Info:

Online Application Form

2 letters of Recommendation from faculty

UC DAVIS PHYSICS DEPARTMENT RESEARCH EXPERIENCE FOR UNDERGRADUATES (REU) Deadline: Mid-February

Program Overview:

The Department of Physics has hosted an NSF-funded Research Experiences for Undergraduates site since 2004. During the 10-week program students live on campus while working alongside our faculty and graduate students on ongoing research projects. Students get a view of physics very different from typical coursework. Applications accepted on a rolling basis until positions are filled.

Program Dates: TBD

Eligibility Guidelines:

- U.S. Citizen or Permanent Residents
- Must have finished at least one year of college by Summer 2015 and continuing college in Fall 2015.
- Applicants should be able to attend the program for at least 9 weeks through mid-August.

Program Award:

- Housing and stipend

Contact Info:

E-mail: reu@london.ucdavis.edu

Application info:

- Online application
- Two letters of recommendation
- Transcript

BOSTON UNIVERSITY, BOSTON, MA (SURF) Deadline: Mid-February

Program Overview:

The 10-week Summer Undergraduate Research Fellowship offers participants the chance to conduct full-time research in a BU lab and to encourage graduate education in the sciences, especially those from minority groups traditionally underrepresented in the sciences.

Program Dates:

Early June-Mid August

Eligibility Guidelines:

- Rising Junior or senior only;
- US Citizen or Permanent Resident;
- Cumulative GPA of 3.0 or above;
- Open to students conducting research in biology, chemistry, psychology, engineering and computer science.

Program Award:

- \$5250 stipend;
- \$750 supplies allowance;
- Up to \$500 in travel expenses;
- Housing in a BU apartment-style dorm;
- Travel and lodging during the weekend of the October Undergraduate Research Symposium.

Contact Info:

Email: urop@bu.edu

Phone: 617-353-2020

Application Info:

- Online application;
- Two letters of recommendation;
- Official transcript.

UNIVERSITY OF WASHINGTON, SEATTLE, WA (EH REP) Deadline:
February 1, 2015

Program Overview:

The 9-week Environmental Health Research Experience Program is for undergraduates with interest in an interdisciplinary field that uses the tools of science to solve human health problems related to the environment.

Program Dates:

June 22 - August 21, 2015

Eligibility Guidelines:

- Undergraduates who will be completing their undergraduate degree in 2016 or later;
- At least a 3.0 GPA;
- US citizen or Permanent Resident.
- Must have completed at least one year of a lab science sequence at the time of application.

Program Award:

\$5,200 summer stipend;

Contact Info:

Email: ehrep@uw.edu

Phone: 206-543-4207

Application Info:

- Online Application;
- Personal statement;
- Unofficial transcripts of all college-level work;
- One letter of recommendation preferably from an instructor who can speak to your academic ability and/or research experience;
- Resume or CV (optional).

UNIVERSITY OF COLORADO AT BOULDER, CO (SMART) Deadline:
February 15, 2015

Program Overview:

The Summer Multicultural Access to Research Training Program is a ten-week research internship for historically underserved undergraduates in science and engineering.

Program Dates:

June 2 to early August 8 (10 weeks)

Eligibility Guidelines:

- Be 18 years or older
- Be U.S. citizens or permanent residents
- Be members of racial/ethnic groups severely underrepresented in science, math, and engineering (African American, Hispanic/Latino, American Indian/Alaska Native/ Native Pacific Islander), or be first-generation college students who are economically disadvantaged
- Have completed their second year of undergraduate study (the equivalent of 60 semester credit hours) by June of the year during which they apply
- Not earn a BA/BS before December of the year they participate

Program Award:

- Tuition for upper-division undergraduate credit in independent study at the University of Colorado at Boulder;
- Room and board in a campus residence hall;
- Transportation to and from Boulder;
- Competitive stipend

Contact Info:

Phone: 303-492-4607

E-mail: smart@Colorado.edu

Application Info:

- Online Application;
- Statement of interest;
- Two letters of recommendation;
- Transcripts from all institutions attended;
- Financial Aid Information (if necessary for eligibility)

UNIVERSITY OF MINNESOTA, ST. PAUL, MN (LSSURP) Deadline: February 16, 2015

Program Overview:

Since 1989, the University of Minnesota LSSURP has overseen and coordinated several life sciences programs. The programs begin with a joint orientation weekend, followed by participation in a 10-week research project under the direction of a University of Minnesota faculty mentor and numerous special activities focused on professional development as well as social interaction. The summer research experience concludes with a poster symposium and banquet in August.

Program Dates:

May 28-August 8, 2015

Eligibility Guidelines:

- Must be a citizen or permanent resident of the US or its possessions;
- Currently attending an accredited 2- or 4-year institution on a full-time basis;
- Interested in the life sciences.
- Commitment to this full-time position; cannot take classes or hold a part-time job.

Program Award:

- Total compensation package includes housing, travel (round-trip airfare), and stipend.

Contact Info:

Phone: 612-625-2275

Email: lssurp@umn.edu

Application Info:

- Online Application;
- 2 Letters of Recommendation from 2 faculty members;
- Official transcript.

CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CA (AMGEN)

Deadline: February 15, 2015

Program Overview:

Caltech's Amgen Scholars program provides students the opportunity to conduct research in biology, chemistry, and bio-technical related fields under the guidance of seasoned research mentors. The program offers students interested in pursuing a PhD or MD/PhD a great opportunity to experience the research process.

Program Dates:

June 15-August 21, 2015

Eligibility Guidelines:

- Be sophomores (with at least 4 quarters or 3 semesters of college course work), juniors, or non-graduating seniors attending 4-year colleges or universities in US, Puerto Rico, other US territories;
- Have a cumulative GPA of at least 3.2;
- Not be under any disciplinary sanction;
- Be US citizens or permanent residents;
- Have an interest in pursuing a PhD or MD/PhD.

Program Award:

- \$6000 stipend for the ten-week period;
- Room and board allowance;
- Non-Caltech students will receive reimbursements for their travel to and from Pasadena.

Contact Info:

Tel: 626-395-2885

Email: amgenscholars@caltech.edu

Application Info:

- On-line Application;
- A proposal written by the student and uploaded to the application;
- Two confidential letters of recommendation (at least one from a faculty member);
- An unofficial transcript for non-Caltech applicants;
- A confidential mentor evaluation of the applicant (to be completed online by the mentor after submission of the application);

CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CA (SURF)

Deadline: TBD

Program Overview:

Undergraduate students are encouraged to participate in the development of gravitational-wave astronomy through the LIGO Project. This intensive summer program takes place each year at Caltech, funded in part through the Research Experiences for Undergraduates (REU) Program of the National Science Foundation. The LIGO Project is an NSF-supported endeavor to design, build, and operate an astrophysical observatory for the detection and study of gravitational radiation. The observatory includes two sites (Hanford, Washington and Livingston Parish, Louisiana) with laser interferometric detector systems.

Program Dates:

June 16-August 21, 2015

Eligibility Guidelines:

- Continuing undergraduate students (i. e. who will be students Fall 2015);
- Cumulative GPA of at least 2.5
- Undergraduate students from all institutions (both U.S. and foreign) are invited to apply.

Program Award:

- \$6,000 stipend;
- Caltech housing (about 30% of the stipend); move in by mid-June, not before;
- Funding or partial funding will be provided for transportation at the beginning and ending of program.

Contact Info:

Professor Alan Weinstein

Email: ligosurf@ligo.caltech.edu

Application Info:

- Application form
- Two letters of recommendation;
- Most recent unofficial transcript;

HARVARD SCHOOL OF PUBLIC HEALTH SUMMER PROGRAM – Deadline: TBD

Program Overview: The program provides an overview of methods, principles and quantitative reasoning skills that are fundamental to epidemiology. The curriculum consists of three parts: an intro course on epidemiology and public health; formal lectures, which are provided by faculty members with different foci in epidemiology ranging from cancer to infectious disease; and a group research project where students will investigate a question of public health relevance that interests them. Students will learn about the key components of public health such as data collection and factors of a good research study, but ultimately, the program promotes overall public health awareness.

Program Dates:

Eligibility Guidelines:

- Applicants must be U.S. citizens, U.S. nationals, or permanent residents of the U.S.
- Applicants must be from an underrepresented group in biomedical research, which includes:
 - First generation college students; students with disabilities; low-income college students; students from racial and ethnic groups that are underrepresented, such as: Blacks or African Americans, Hispanics or Latinos, American Indians or Alaskan Natives, and Native Hawaiians and other Pacific Islanders.
- Applicants must have a GPA of 3.0 or above.
- Applicants must be from a quantitative science background, such as math or biology OR have taken several quantitative courses such as calculus.
- Applicants must have a demonstrated interest in public health, specifically epidemiology.
- **Individuals interested in pursuing a Doctor of Medicine (MD) are ineligible to apply.**

Program Award:

Contact Info: Melanie Larsen
malarsen@hsph.harvard.edu

Application Info:

- Resume/CV
- Official Transcripts
- Two Letters of Recommendation
- Personal Statement

NIH SUMMER INTERNSHIP PROGRAM IN BIOMEDICAL RESEARCH (SIP) –

Deadline: March 1, 2015

Program Overview:

Summer programs at the National Institutes of Health (NIH) provide an opportunity to spend a summer working at the NIH side-by-side with some of the leading scientists in the world, in an environment devoted exclusively to biomedical research. Internships cover a minimum of eight weeks, with students generally arriving at the NIH in May or June. The NIH Institutes and the Office of Intramural Training & Education sponsor a wide range of summer activities including lectures featuring distinguished NIH investigators, career/professional development workshops, and Summer Poster Day.

Program Dates: Depends on program location

Program Eligibility:

- Must be at least 16 years of age or older.
- Must be U.S. Citizen or permanent resident.
- Must be enrolled in an accredited college or university as undergraduate, graduate or professional students.
- Students who have been accepted into an accredited college or university program may also apply.

Program Award: Stipends for trainees adjusted yearly; depends on education completed prior to starting at the NIH.

Contact Info:

- summer_postbac_questions@mail.nih.gov

Application Info:

- Curriculum Vitae or resume
- List of coursework and grades (transcript not necessary for initial application packet)
- Cover letter describing the applicant's research interests and career goals
- Names and contact information for two references.

**LOMA LINDA UNIVERSITY CENTER FOR HEALTH DISPARITIES AND
MOLECULAR MEDICINE UTP - Deadline: February 1, 2015**

Program overview:

The Undergraduate Training Program (UTP) is funded by the National Center on Minority Health and Health Disparities (NCMHD), National Institutes of Health (NIH). The program is run as a nine-week summer internship in a research laboratory of selected research mentors. The UTP includes scientific mentoring, participation in scientific seminars and lectures, educational enrichment activities, participation in our Health Disparities Research Symposium, and opportunities to attend national meetings to make scientific presentations. Participating students will be compensated competitively on an hourly basis.

Program Dates: TBD

Contact Info: (909) 558-8622
chdmm@llu.edu

Application Info:

- On-line application
- Essay (3000-4000 characters)
- Three Letters of Recommendation
- Transcripts form all colleges attended.

NORTHERN ILLINOIS UNIVERSITY RESEARCH EXPERIENCE FOR UNDERGRADUATES Deadline: TBD

Program Overview:

The focus of the NIU Operation Etank program is in 4 Es areas – energy, environment, with aspects to ethics and economy incorporated into broader problems and related to the broader issue of sustainability. Operation Etank is NIU’s summer Research Experience for Undergraduate (REU) program. Students involved in the program will be mentored by faculty members having wide-ranging backgrounds in relevant research areas, but their overall learning experience will include a number of opportunities to relate sustainability issues to their research projects.

Program Dates: Mid June-Early August (8 weeks)

Eligibility Guidelines:

- At least 60 credit hours from their home institutions;
- A short statement (500 words maximum) detailing how the REU experience will contribute to their overall career goals, how they foresee a career in the research areas, and their interests, both present and future, in STEM areas;
- Two letters of recommendation;
- A minimum 3.0 GPA on a 4.0 scale; and
- It is a requirement of the National Science Foundation that all REU participants be citizens or permanent residents of the United States.

Program Award:

On-Campus Housing and a research stipend.

Contact Info:

Dave Changnon

dchangnon@niu.edu

815-753-6835

Application Info:

On-line application

CORNELL UNIVERSITY LSAMP SUMMER RESEARCH EXPERIENCE FOR UNDERGRADUATES (CU-LSAMP-REU) Deadline: February 15, 2015

Program Overview:

Undergraduate students, interested in gaining a deeper understanding in an engineering-related field, have the opportunity to conduct and present research over a ten-week duration under the auspices of a Cornell Engineering faculty research mentor. Through this one-on-one partnership, participants will gain theoretical knowledge and practical training in academic research and scientific experimentation. CU LSAMP REU was developed to aid in the retention of traditionally underrepresented minority groups in STEM.

Program Dates:

June 7-August 7, 2015

Eligibility Guidelines:

- Participants of CU LSAMP REU must be U.S. Citizens or Permanent Residents **and** African American, Hispanic/Latino(a), American Indian/Alaska Native, or Native Hawaiian/Pacific Islander
- Applicants must be in good academic standing with a cumulative GPA of 3.0 or better
- Have completed at least two semesters of college by the start of the Summer Research Program
- Have at least two semesters remaining of their undergraduate education at the start of the summer program

Program Award:

- Research and travel stipend, as well as room and board.

Contact Info:

E-mail: dpeng@cornell.edu

Phone: 607-254-5202

Application Info:

- Online Application
- Submit an unofficial or official transcript(s)
- Submit two (2) letters of recommendation
- Submit an essay detailing applicant's research interests via online application

The Short-Term Research Experience for Underrepresented Persons (STEP-UP) Deadline: February 15, 2015

Program overview:

The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) of the National Institutes of Health is pleased to announce the opening of the 2014 STEP-UP Program. The program provides an opportunity for undergraduate students to conduct biomedical research for 10 weeks in the summer in labs throughout the country. Three coordinating institutions are funded to recruit students and coordinate summer research experiences for students. Students are not required to conduct research at the coordinating institutions and are encouraged to conduct research at institutions near their homes.

Program Dates: Flexible (8-12 weeks)

Eligibility Guidelines:

- Be a U.S. citizen, non-citizen national, or legal permanent resident.
- Undergraduate applicants must be currently enrolled as a full-time undergraduate student at a U.S. accredited 2-year or 4-year college or university. (Previous research experience is required for all first-year undergraduate students.)
- Have a minimum of 3.0 GPA (on a 4.0 scale), although exceptions may be granted.
- Have personal medical/health insurance coverage through the duration of the program
- Come from backgrounds underrepresented in biomedical research on a national basis, including individuals from disadvantaged backgrounds, individuals from underrepresented racial and ethnic groups and individuals with disabilities.

Program Award:

- The summer stipend of \$3,500
- An opportunity to conduct biomedical research with leading research scientists throughout the U.S. and U.S Territories.
- All paid travel expenses to the annual research Symposium in Bethesda, Maryland.
- Training in the Responsible Conduct of Research.

Program Contact:

Jennifer Curry
niddkstepup@mail.nih.gov
301-594-9649

Application Info:

- Online Application
- Personal Statement
- Resume
- 2 Academic references
- Official transcript

UC DAVIS HUGH EDMONDSON RESEARCH INTERNSHIP Deadline: March 1, 2015

Program overview:

During the eight-week period in the summer, the Hugh Edmondson Summer Research Interns will participate in research or work activities eight hours a day, Monday through Friday. The fellows are not expected to participate in other part-time work activities or to attend summer school during this 8-week period. Students have to arrange for their own housing and transportation during the fellowship. Students from outside of the Davis/Sacramento area will be given assistance to find appropriate housing.

Program Dates: TBD

Program Award: \$2000 Stipend

Contact Info:

- Phone: (916) 734-0231
- E-mail: sharon.wahl@ucdmc.ucdavis.edu

Application Info:

- PDF Application Form
- 2 letters of reference from instructors
- Unofficial transcripts
- Statement of interest

[UCSD Scripps Institution of Oceanography Summer Undergraduate Research Fellowship](#) **Deadline: TBD**

Program Overview:

SURF is a 10-week summer Research Experience for Undergraduates (REU) designed to engage students in diverse and exciting Earth, ocean and atmospheric sciences research at a world-renowned institution. In particular, the SURF program seeks to increase the diversity of students successfully prepared to pursue Earth and ocean sciences career pathways, and to recruit individuals from institutions with limited undergraduate research opportunities. SURF is supported with funding from the National Science Foundation, Division of Ocean Sciences. Applications open in mid-February

Program Dates: Mid June-late August 2015 (10 weeks)

Program Award:

- \$5000 stipend
- Housing Expenses

Contact Info: sio-surf@ucsd.edu

Application Info:

- Online Application
- Personal Statements
- One letter of Recommendation
- Unofficial Transcripts

UC Irvine NSF Summer Undergraduate Research Fellowship (Chem-SURF) – Deadline: March 1, 2015

Program Overview:

The Chem-SURF Program at the University of California, Irvine (UCI), provides a 10-week summer research opportunity for undergraduates to become fully immersed in challenging, cutting-edge, exciting, and transformative interdisciplinary research projects in the fields of chemical biology, chemical physics, computer science, molecular biology, nanoscience, pharmaceutical sciences, pharmacology, and analytical, atmospheric, biochemistry, bioinorganic, bioorganic, computational, environmental, inorganic, materials, organic, physical, polymer, surface and theoretical chemistry.

Program Dates: Late June to Late August, 2015

Program Award: Stipend, housing and travel allowance.

Contact info: chemsurf@chem.uci.edu

Application Info:

- Online application form
- Official Transcript
- 2 Letters of Recommendation

UNIVERSITY OF IOWA, IOWA CITY, IA (SROP/MCNAIR) Deadline: March 6, 2015

Program Overview:

The 8-week Summer Research Opportunities Program and McNair Scholars Program will provide a challenging research experience for students in the field of Biological Sciences, Engineering, Humanities, Mathematics, Physical Sciences, or Social Sciences.

Program Dates: June 7-July 31, 2015

Eligibility Guidelines:

- Be currently enrolled in a degree-granting program at a college or university. Must not have completed undergraduate work and does not anticipate graduation the summer of following fall of the program.
- Have a minimum of 3.0 GPA on a 4.0 scale.
- Have a stated goal of achieving a doctoral degree (Ph.D.), following completion of the bachelor's degree.
- Must have a genuine interest in research and teachings as a career.
- Be a citizen or national of the U.S.; *or* be a permanent resident of the U.S.; *or* provide evidence from the Immigration and Naturalization Service of his/her intent to become a permanent resident; *or* be a permanent resident of Guan, the Northern Mariana Islands, or the Trust Territory of the Pacific Islands; *or*

Program Award:

- \$3,200 summer stipend;
- Room & board;
- Transportation to/from Iowa.

Contact Info:

Phone: 319-335-2148

Application Info:

- SROP/McNair electronic application form;
- Official transcript;
- 2 letters of recommendation
- Documentation of first generation status must be provided when applicable

CITY OF HOPE-EUGENE AND RUTH ROBERTS SUMMER STUDENT ACADEMY Deadline: March 15, 2015

Program Overview:

The primary goal of the Eugene and Ruth Roberts Summer Student Academy at City of Hope is to provide young people (high school and university students) with an opportunity for a "hands-on" research experience. This program seeks to find students possessing exceptional potential to perform biomedical research. Summer students design and work on their own research projects in areas of their specific interests.

Program Dates:

10 week program must be completed between May and August, 2013.

Eligibility Guidelines:

- Applicants must be at least 16 years-old before their internship begins
- Applicants must be high school or undergraduate students
- Applicants must be US citizens, or permanent residents

Program Award: \$4000 stipend for completion of 10-week program.

Contact Info:

E-mail: robertsacademy@coh.org

Application Info:

Online application

NASA - OSSI: SOLAR 2015 SUMMER INTERNSHIP - Deadline: March 1, 2015

Program Overview:

OSSI: SOLAR is a one stop shopping Initiative (OSSI) for NASA internships and scholarships opportunities. It is geared towards recruitment, application, selection and career development of undergraduate and graduate students primarily in science, technology, engineering and mathematics disciplines. A single application places students in the applicant pool for consideration by mentors for all NASA internship positions. OSSI also enables NASA to continually re-engage students throughout their academic careers.

Program Dates:

Late May-Early August, 2015 (8-10 weeks)

Getting Started:

- Create a new OSSI:SOLAR account by providing your e-mail and a password, then register to provide basic information;
- Create an interest profile to specify your areas of interest;
- Complete an application;
- Search and select opportunities of interest, identifying your top 15 prior to the end of the application period.

Eligibility Guidelines:

- U.S. Citizen (Permanent Resident Alien (PRA) or Legal Resident are not considered U.S. citizens and are not eligible for NASA student opportunities available through OSSI:SOLAR);
- Accepted/enrolled full-time in an accredited junior college, 4-year college or university;
- High school seniors must have been accepted to an accredited college or university with plans on attending full-time when applying;
- Grade point average of 2.8 or higher on a scale of 4.0;
- Some internship and fellowship programs will require a higher GPA. However, a student will be able to submit an application with a GPA of 2.8 or higher;
- If your college or university does not use GPA, you will need to explain the grading method in the application.

UC SAN DIEGO DEPT. OF BIOENGINEERING REU – Deadline: TBD

Program Overview:

This exciting 9 week summer program provides undergraduate students access to state-of-the-art facilities, the opportunity to work with accomplished and experienced faculty mentors, and to participate in highly collaborative, cutting-edge research projects. In addition to the training students receive in individual research laboratories, extensive professional development opportunities will be provided through weekly workshops, an undergraduate research conference, seminars, and panel discussions.

Program Dates: TBD

Eligibility Guidelines:

- Full-time undergraduate student.
- Graduating Fall 2015 or later.
- U.S. citizen or permanent resident.
- Engineering, math, or physical science background preferred.

Program Award:

- Stipend
- On-Campus Housing
- Travel to/from REU site

Contact Info:

E-mail: ucsd-be@reumanager.com

Application Info:

- On-line application
- Personal Statement
- Unofficial transcripts
- 1 letter of reference.

Cincinnati Children's Hospital Medical Center (Ohio)—Summer Undergraduate Research Fellowship (SURF) Deadline: February 2, 2015,

Program Overview: The Summer Undergraduate Research Fellowship (SURF) provides an opportunity for students to explore laboratories in the Department of Pediatrics, University of Cincinnati College of Medicine and conduct a research project under the direction of a faculty member at Cincinnati Children's. Students will also participate in various academic programs, including research seminars, journal clubs, and career days, as well as social activities with interns from other programs at the university. Interns will present their research project at a poster competition.

Program Dates: The program is 10 weeks long, and students can start the program on either May 26th or June 1st depending on mentor availability and approval.

Eligibility Guidelines:

- Junior or senior in high school OR undergraduate student of freshmen, sophomore or junior standing.
- Academic minimum: 3.0 GPA.
- U.S. citizen or permanent resident.
- Must have an interest in pursuing a career in biomedical research or medicine.

Program Award: The stipend for summer 2015 is approximately \$4000

Application Info:

- Essay questions: Describe your career goals and motivation for wanting to obtain research experience. Be sure to include the area(s) of research interest or the faculty member with whom you would like to work with during the program.
- Resume: Include a current copy of your resume.
- References: One letter of recommendation is required.
- Grade Reports: Will be requested for completion of the online application.

Contact Information:

Karen Steffen

513-636-9281

Karen.Steffen@cchmc.org

Indiana University Simon Cancer Center Summer Research Program

Deadline: TBD

Program Overview: The Indiana University Simon Cancer Center Summer Research Program (SRP) is offered to students from underrepresented population groups who are pursuing careers in biomedical and behavioral sciences. Students will gain exposure to a wide range of basic science, translational and clinical research activities and continually interact with and learn from other students, clinical and post-doctoral fellows, and faculty. Interns will also attend weekly workshops that deal with issues related to gaining admission to graduate and professional programs of study.

Program Dates: Late May-Late July, 2015

Eligibility Guidelines:

- Have at least 24 hours of college credit.
- Have a biomedical or behavioral science major.
- Have a cumulative GPA of 3.2 or higher.

Program Award:

- Stipend

Application Info:

- Online Application
- Personal Statement
- Two (2) letters of recommendation

Contact Information:

IUPUI Center for Research and Learning at (317) 274-8880

Roswell Park Cancer Institute (New York)—College Summer Research Program Deadline: January 10, 2015

Program Overview: Roswell Park Cancer Institute (RPCI), with funding from the National Cancer Institute (NCI), offers summer programs designed to provide college juniors an immersive research experience in the biomedical life sciences at an NCI-designated comprehensive cancer center.

The program spans 10 weeks during the summer between a participant's junior and senior year of college. During this time, participants work independently on an assigned research project under the supervision of an RPCI faculty researcher and alongside graduate students and post-doctoral trainees. To complement their research experience, participants attend scientific seminars and laboratory data meetings where they are informed of the latest trends and findings in cancer research. Participants conclude their summer by presenting on their research results (oral and poster) at a concluding scientific conference.

Program Dates: June 1-August 7, 2015

Eligibility Guidelines:

- Enrolled in junior year of college
- U.S. Citizen or Permanent Resident
- College juniors from non-research universities who have had limited opportunities to participate in research, under-represented minority students and students from financially disadvantaged backgrounds are especially encouraged to apply.

Application Info:

- Online Application
- Official current school transcript
- Application fee: \$20

Contact Information:

(716) 845-2339

Albert Einstein College of Medicine (New York)—Summer Undergraduate Research Program (SURP) Deadline: February 1, 2015

Program Overview: Students in the Summer Undergraduate Research Program (SURP) spend nine weeks in a laboratory in one of ten basic science departments. At the end of the program, SURP students present their research at a poster session. About 50 students participate in the program each year.

Program Dates: Early June-Late July, 2015

Eligibility Guidelines:

- Currently enrolled undergraduate student of junior standing (In rare instances, sophomores may be considered).
- Strong background in the sciences (e.g., biology, biochemistry, chemistry, physics, bioengineering chemical engineering, etc.).
- U.S. citizen or permanent resident.
- Academic minimum: 3.0 GPA.

Program Award: Students will receive a \$3,000 stipend and free housing on campus.

Transportation assistance (up to \$500) is provided for students who live outside of New York City. Interns are responsible for their own meals, health insurance coverage, and incidentals.

Application Info:

1. Completed online application
2. Academic transcripts
3. Letters of recommendation

Contact Info:

surp@einstein.yu.edu

[American Society for Microbiology \(District of Columbia\)—ASM Research Fellowship \(URF\) Deadline: February 1, 2015](#)

Program Overview: The ASM Undergraduate Research Fellowship (URF) is designed for highly-competitive students who wish to pursue graduate careers (PhD or MD/PhD) in microbiology. Students will conduct a research project for a minimum of 10 weeks, work with faculty mentors who are ASM members and who are employed at the students' home institution, and submit a research abstract for presentation at the yearly ASM General Meeting.

Program Dates: A minimum of 10 weeks beginning in the summer of 2015.

Eligibility Guidelines:

- Currently enrolled, full-time matriculating undergraduate student at an accredited U.S. Institution.
- U.S. citizen or permanent resident.
- Be involved in a research project.
- Have an ASM member at their home institution that is willing to serve as a mentor.
- Not receiving financial support for research during the fellowship.

Program Award: Students will receive a stipend of up to \$4,000; a two-year ASM student membership; and up to \$1,000 in travel support to attend the ASM General Meeting.

Application Info: The online application is currently available. **The program requires a joint application from both the student and a faculty mentor.** The faculty mentor must be an ASM member and willing to serve as the applicant's mentor for the duration of the research experience.

Contact Info:

ASM Undergraduate Research Fellowship Program
fellowships@asmusa.org

Baylor College of Medicine (Texas)—Summer Medical and Research Training (SMART) Program Deadline: January 10, 2015

Program Overview: The Summer Medical and Research Training (SMART) Program allows students to become functioning members of Baylor laboratories and contribute to research efforts in more than 20 basic and clinical science departments. At the end of the program, students submit a short summary of their research. Daily seminars help students develop fundamental knowledge, introduce areas of biomedical research and emphasize the reciprocal relationship between basic research and clinical applications.

Program Dates: June 1-August 7, 2015

Eligibility Requirements:

- Attending a university and returning to the college/university to complete their undergraduate degree
- Academic minimum: 3.0 GPA

Program Award: Students will receive approximately a \$4,500 stipend. The stipend will most likely cover a mixture of salary, housing, and transportation depending on the funding source.

Application Info:

- Official Transcripts
- 2 Letters of Recommendation
- Statement of Career Objectives
- Skills Assessment
- Online Application

Contact Info:

713-798-5915

smart-program@bcm.edu

Brigham and Women's Hospital (Massachusetts)—Summer Training in Academic Research and Scholarship (STARS) Deadline: Late January

Program Overview: The Summer Training in Academic Research and Scholarship (STARS) program provides underrepresented minority (URM) medical and undergraduate students an opportunity to engage in basic clinical and translational research projects at Brigham and Women's Hospital (BWH) and in conjunction with Harvard Medical School (HMS). This program is designed to enhance the research capabilities of URM undergraduate and medical students and to encourage these scholars to pursue advanced graduate and medical education and training at BWH and HMS.

Program Dates: TBD

Eligibility Requirements:

- Member of an underrepresented minority group (African-American, Alaskan/Hawaiian Native, Hispanic, or Native American)
- US citizen or non-citizen national with a permanent residence visa
- Undergraduate junior or senior, or first-year medical student
- Can provide proof of health insurance coverage

Program Award: Students will receive a stipend for food and other necessities, travel compensation to and from Boston, and housing for the duration of the 8-week program.

Application Info:

- Personal Statement
- Photo
- 2 letters of recommendation
- 1 Official Transcript
- 1 Letter of Good Standing (1st Year Medical Students Only)
- Online App

Contact Info: For general inquiries, please contact us at BWHSTARS@partners.org or 617-525-8356.

Broad Institute of MIT and Harvard (Massachusetts)—Summer Research Program in Genomics (SRPG) Deadline: TBD

Program Overview: The Summer Research Program in Genomics (SRPG), funded by the National Human Genome Research Institute, is designed for underrepresented minority undergraduate students with an interest in the physical, biological, or computer sciences, engineering, or mathematics and a commitment to research. Students will spend the summer in a laboratory at the Broad Institute, where they will perform original scientific research.

Program Dates: early June-Early August, 2015

Eligibility Requirements:

- Must be enrolled in a four-year college for Fall 2014
- Must major in physical, biological or computer sciences, engineering, or mathematics
- Must have a minimum 3.0 GPA
- Must be a US citizen or permanent resident, and an underrepresented minority

Program Award: Students will receive a \$4,250 stipend with paid housing and travel expenses.

Application Info:

- Complete a personal information form
- Upload a resume
- Upload unofficial transcripts from all previously attended undergraduate institutions
- Submit an essay describing any previous research experience
- Submit an essay describing educational objectives
- 2 letters of recommendation

Contact Info:

T: 617-714-7000

F: 617-714-7897

E: diversity@broadinstitute.org

Cold Spring Harbor Laboratory (New York)—Undergraduate Research Program Deadline: January 15, 2015

Program Overview: The 10-week Undergraduate Research Program offers 25 local, national, and international students the opportunity to work with senior laboratory staff on an independent research project, specifically in the areas of:

- Cancer biology
- Neuroscience
- Plant biology
- Cellular and Molecular biology
- Genetics

Program Dates: June 2-August 8, 2015

Eligibility Guidelines: Currently enrolled undergraduate student of sophomore or junior standing with a strong academic background.

Program Award: Students will receive a \$5,000 stipend in addition to room and board at the Cold Spring Harbor Laboratory campus.

Application Info:

- URP application form
- Personal Statement
- 2 recommendations

Contact Info:

Phone: (516) 367-6909

E-mail: urpadmin@cshl.edu

Colorado State University (Colorado)—Research Experience for Undergraduates Deadline: February 1, 2015

Program Overview: The Research Experience for Undergraduates (REU) allows students to actively participate in a wide range of research areas, including:

- Protein structure and function
- Cancer biology
- Plant biology
- Embryonic development
- Diabetes

In addition to working with a faculty mentor, students will also participate in seminars, weekly meetings, and social activities.

Program Dates: May 26-July 30, 2015

Eligibility Guidelines:

- Completion of at least two semesters each of biology, general chemistry, and organic chemistry.
- Academic minimum: 3.2 GPA.
- U.S. citizen or permanent resident.
- Cannot be graduating in the spring.

Program Award: Students will receive a \$5,000 stipend, on-campus housing, \$1,700 for food, and up to \$600 for travel expenses.

Application Info:

- To apply, please click the link and submit the online application form <http://cns.natsci.colostate.edu/reu/>
- Official Transcript
- Two references

Contact Info: If you have questions, please email us at reubiochem@colostate.edu or contact us at 970-491-5602.

Committee on Institutional Cooperation (Michigan)—Summer Research Opportunities Program at Michigan State University Deadline: TBD

Program Overview: The goals of the Summer Research Opportunities Program (SROP) at Michigan State University are to involve undergraduate students in graduate-level research, provide a mentoring experience with an MSU faculty member, motivate undergraduate students to pursue an academic career, and recruit undergraduate students for graduate study at MSU. Supporting activities include weekly research reports, seminars, graduate enrichment workshops, involvement with the MSU community and statistics/research methods enrichment workshops.

Program Dates: Mid May-Late July (TBD)

Eligibility Guidelines:

- Be a U.S. citizen or a permanent resident
- Be enrolled in a degree-granting program at a college/university in the U.S., Puerto Rico, or other U.S. territory
- Have a cumulative GPA of 3.0 or higher (on a 4-point scale)
- Have completed at least two (2) semesters of undergraduate education
- Have at least one semester of undergraduate education remaining after completing the program
- Have a strong interest in pursuing a doctoral degree
- Students who have completed an undergraduate degree are not eligible

Program Award: Students will receive a \$4000 stipend for the program, round-trip travel to/from East Lansing, MI, and free room and board on the MSU campus for the duration of the program.

Application Info:

- Official College/University Transcript(s)
- Two (2) faculty letters of recommendation
- Statement of Research Interest (typed, single-spaced, 250 word maximum)
- Personal Statement (typed, single-spaced, 250 word maximum)
- Resume (1 page)

Contact Info:

Phone: 517.353.3262

Email: gsaffairs@grd.msu.edu

Committee on Institutional Cooperation (Indiana)—Summer Research Opportunities Program (SROP) at Purdue University Deadline: February 10, 2015

Program Overview: The goal of the Summer Research Opportunities Program (SROP) at Purdue University is to enhance diversity in academic, government, and industry positions that require graduate degrees. This program involves intensive research experiences with faculty mentors and is designed to encourage talented undergraduate students from social and economic backgrounds that are traditionally underrepresented in research careers to pursue graduate education.

Program Dates: May 31-July 25, 2015

Eligibility Guidelines:

- Are currently enrolled in a degree granting program at a U.S. college or university;
- Have a minimum grade point average of 3.0 on a 4.0 scale;
- Have an interest in pursuing a PhD; and
- Are available to participate in the entire eight-week summer program.

Program Award: Students will receive a \$4,000 stipend, round- trip airfare, and university housing.

Application Info:

- Online Application
- A copy of your transcript(s)
- Two faculty recommendation forms
- Two letters of recommendation from faculty members

Contact Info:

Kathy Garza Dixon
765-496-1123
kgdixon@purdue.edu

Committee on Institutional Cooperation (Illinois)—Summer Research Opportunities Program (SROP) at the University of Illinois at Urbana-Champaign Deadline: February 10, 2015

Program Overview: The Summer Research Opportunities Program (SROP) at the University of Illinois-Chicago is a 10-week program that allows undergraduate students to work one-on-one with a faculty mentor, providing an opportunity to experience research at the graduate level. Additional educational enrichment activities include workshops, seminars, and social activities. Students will also have an optional opportunity to present their research findings.

Program Dates: June 1-July 31, 2015

Eligibility Guidelines:

- Juniors or those who will not graduate before December 2016
- U.S. Citizen or Permanent Resident
- 3.0 GPA.

Program Award: Students will receive a \$3,550 stipend, \$350 traveling reimbursement, and housing.

Application Info:

- Statement of Purpose
- Research Interest Statement
- Two Letters of Recommendation
- Transcripts
- Online App

Contact Info:

Daniel Wong
217-300-4306
dswong@illinois.edu

Science Undergraduate Laboratory Internships (SULI)

Deadline: January 9, 2015

Program Overview: The Science Undergraduate Laboratory Internship (SULI) program encourages undergraduate students to pursue science, technology, engineering, and mathematics (STEM) careers by providing research experiences at the Department of Energy (DOE) laboratories. Selected students participate as interns appointed at one of [16 participating DOE laboratories](#). They perform research, under the guidance of laboratory staff scientists or engineers, on projects supporting the DOE mission.

Program Dates: Internship appointments are 10 weeks in duration for the Summer Term (May through August) or 16 weeks in duration for the Fall (August through December) and Spring (January through May) Terms.

Program Dates: May-August, 2015

Eligibility Guidelines:

- Must be currently enrolled as a full-time undergraduate student at an accredited institution, and also have completed at least one year as a matriculating undergraduate student at the time of applying
- Must have an undergraduate cumulative minimum Grade Point Average (GPA) of 3.0 on a 4.0 scale for all completed courses as a matriculating student.
- Must be 18 years or older at the time the internship begins.
- Must be a United States Citizen or Permanent Resident Alien at the time of applying.
- Must have earned a high school diploma or General Education Development (GED) equivalent at the time of applying.

Program Award: Selected students are reimbursed for one round trip domestic travel to the host laboratory and \$500 stipend.

Application Info:

- Online Application
- Undergraduate Transcripts
- Two Letters of Recommendation

Website: <http://science.energy.gov/wdts/suli/>

[Pacific Northwest National Laboratory \(PNNL\) Deadline: Early March, 2015](#)

Program Overview:

Pacific Northwest National Laboratory (PNNL) is seeking ambitious, high-caliber undergraduate or graduate-level college students for intern assignments within the National Security Internship Program. Potential applicants should be pursuing a course of study focused on science and engineering fields. The National Security Internship Program (NSIP) offers academically superior undergraduate and graduate students the chance to take part in national security-related science. In addition to serving students, NSIP benefits PNNL and the nation by developing talented, creative researchers—the national security experts of tomorrow—who will augment the Laboratory's capabilities in key areas that include nuclear science, electrical engineering, computer science, physics and chemistry.

Eligibility Guidelines:

- Students who are admitted in active status and in good standing in an undergraduate or graduate program within an accredited college or university.
- A minimum GPA of 3.3 (out of 4.0) or better, or proven ability to contribute to PNNL projects, is desired.
- Internships are renewable, subject to satisfactory academic and research performance. Women and minorities are encouraged to apply for NSIP assignments.
- ***All Applicants must be able to obtain a future security clearance, which requires U.S. citizenship.***

Program Award:

- Will receive a competitive salary and, potentially, tuition reimbursement.
- Tuition reimbursement will be awarded, at the discretion of the National Security Internship Program Review Committee, upon completion and evaluation of the intern's summer assignment with the Laboratory.

Application Info:

Students interested in applying for positions can apply online through the APPLY NOW/TRACKS in the left column. If you are eligible, you can apply to more than one position and you can apply to any or all of the TRACKS. Each TRACK has its own application page and position links. Candidates must apply to each in order to be considered for a TRACK in that area.

Summer Internships at Boyce Thompson Institute for Plant Research (BTI): Three Internship Programs Deadline: February 6, 2015

Program Overview:

- Plant Genome Research Program (PGRP), undergraduates' summer internship program and learn how basic plant research can be applied to protect the environment, enhance human health, and improve agriculture. PGRP interns gain knowledge of plant genomics and scientific research by working closely with scientists, postdoctoral fellows and graduate students in a laboratory setting. PGRP interns learn the latest molecular biology techniques and bioinformatics tools while working on a supervised, independent research project within the framework of the assigned [laboratory's research program](#).
- Bioinformatics Internship interns will focus on developing computational tools and resources to store, analyze and integrate large scale plant "omics" datasets. The program offers a unique interdisciplinary training in plant genome research, computer programming and systems biology. Students applying for these internships should have some prior experience with computer programming skills, biology, bioinformatics, and a demonstrated interest in the subject. These students will receive special, intensive training at the beginning of the internship and work closely with a team of scientists and postdoctoral researchers.
- The Bioenergy Education Internship is for students (undergraduate through postdoctoral) interested in gaining interdisciplinary experience in scientific research and science education related to bioenergy and sustainability. Like all BTI internships, this program engages students in plant biology research, but with a focus on translating the research into resources, presentations and activities to promote public understanding of science. Bioenergy interns participate in intensive trainings, workshops, seminars and outreach activities to learn fundamental concepts

Program Dates:

- Undergraduate Internships: June 1-August 7, 2014

NSF REU Summer Research Experience in Multi-Scale Biomolecular Networks (BioNetworks) Deadline: TBD

Program Overview:

The goal of this program is to provide students first-hand experience with cutting edge interdisciplinary research that is needed to predict biological functions sufficiently to reprogram cells to avoid diseases or to perform new tasks. Students will work on research projects under faculty mentors that draw from a range of approaches (classical biochemical and genetic to non-trivial theoretical models that require computation) to study naturally occurring genetic networks, artificial genetic and metabolic networks, and bio-molecular structure, function and evolution. This program provides: a creative opportunity for students to develop innovative biotechnological ideas; leadership, mentorship and social retreats; special seminars and career development workshops; a \$4,500 stipend and up to \$500 in travel support; on-campus housing; a capstone research poster symposium; and an ethics and responsible conduct of research discussion seminar.

Program Dates: TBD

Application:

- This program is open to undergraduates from all disciplines of science and engineering.
- Applicants may be students at any institution, but must be U.S. citizens or permanent residents.
- Applicants may be freshmen, sophomores or juniors, and prior research is not required.
- Application is online.

Website: <https://ibb.rice.edu/Content.aspx?id=563>

Drexel University College of Medicine—Summer Undergraduate Research Fellowship (SURF) Deadline: TBD

Program Overview: Students in the Summer Undergraduate Research Fellowship (SURF) work with Drexel faculty in a broad range of areas, including:

- Biochemistry
- Molecular and cell biology
- Neuroscience
- Microbiology
- Immunology
- Pathobiology
- Pharmacology and physiology.

SURF students will work full-time on a unique project related to the research goals of their assigned laboratory. At the conclusion of the program, students will give a specific, conference-style presentation describing their research project to fellow interns and mentors.

Program Dates: Early June-Mid August (10 weeks)

Eligibility Guidelines:

- Interest in pursuing biomedical research as a career and in good academic standing
- Must reside within a reasonable commuting distance of Drexel University College of Medicine during the full term of the program
- Currently enrolled undergraduate student of sophomore or junior standing

Program Award: SURF students will receive a \$3,000 stipend. Students are responsible for housing, meals, and transportation.

Application Info:

- Online Application
- Two letters of recommendation
- Official Transcripts

Contact Info: If you have additional questions, please send an email to biomedresearch@drexelmed.edu

Duke University—Summer Research Opportunity Program Deadline: **January 30, 2015**

Program Overview: Duke University hosts summer programs on three campuses in a variety of fields. The Duke University Summer Research Opportunity Program (SROP) is a 10-week training program designed to give motivated undergraduate students hands-on experience in graduate-level biomedical research. The Program is designed for students who are seriously considering joining a PhD Graduate Program following the completion of their undergraduate degree.

Program Dates: May 26-August 1, 2015

Eligibility Guidelines:

- Undergraduate student considering PhD in biological sciences or biomedical sciences.
- U.S. and international students are eligible.

Program Award: Students receive an on-campus apartment, travel assistance, a food allowance, and a competitive stipend.

Application Info:

- Online Application
- Official and Unofficial Copies of Transcripts
- Two Letters of Recommendation

Contact Info:

dukesrop-gsa@duke.edu

Emergent Behaviors of Integrated Cellular Systems NSF Science and Technology Center (EBICS)—REU Summer Research Program Deadline: Mid-February, 2015

Program Overview: The Emergent Behaviors of Integrated Cellular Systems NSF Science and Technology Center (EBICS) is a collaborative effort involving teams from Georgia Tech, MIT, and University of Illinois-Urbana Champaign. EBICS announces its "Engineering Biological Machines" REU, a summer research program for undergraduates beginning in the summer. Other highlights include professional development, mentoring, and social engagement with other REU students.

Program Dates: TBD

Eligibility Guidelines:

- Currently enrolled in a science or engineering undergraduate program.
- Academic minimum: 3.4 GPA
- U.S. citizen or permanent resident currently enrolled at a U.S. college or university.

Program Award: Students will receive a \$4,500 stipend and allowance for travel expenses, on-campus housing and meals.

Application Info:

- Online Application
- Two letters of recommendation

Contact Info:

Leslie McClain
617-324-4092
lesliemm@mit.edu

Emory University—Summer Undergraduate Research Experience (SURE) Deadline: TBD

Program Overview: The Summer Undergraduate Research Program (SURE) program allows undergraduate students to conduct supervised research with a faculty mentor. Students will receive training in the research methods applicable to their research plan, analyze their data, and create a written and verbal presentation of their results. At the conclusion of the program, each student will present their findings at a formal research symposium.

Program Dates: TBD

Eligibility Guidelines:

- Currently enrolled undergraduate student of sophomore or junior standing with a strong academic background.
- Recommendation from a science mentor.

Program Award: SURE Fellows will receive a \$3,500 stipend and on-campus housing.

Application Info:

- Online Application
- Official Transcripts
- Letter of Recommendation

Contact Info: Dr. Cathy Quinones, cquinon@emory.edu

Fred Hutchison Cancer Research Center (Washington)—Summer Undergraduate Research Program Deadline: January 16, 2015

Program Overview: The Summer Undergraduate Research Program (SURP) is an intensive, 9-week internship designed to provide research experience and mentorship for undergraduate students who are interested in biological research. Students will be paired with a faculty mentor after selecting one of the following areas of interest:

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

Program Dates: June 15-August 14, 2015

Eligibility Guidelines:

- U.S. citizen or permanent resident currently enrolled in a U.S. college or university.
- Entering the summer BEFORE the final year of undergraduate studies.
- Strong background in the sciences.

Program Award: Students will receive a \$4,500 stipend and travel costs (up to \$450). Interns are responsible for their own housing, meals, and transportation. *Note: The FHCRC negotiates a housing option for out-of-town students at the University of Washington, which is available for approximately \$1,600.

Application Info:

- Online Application
- Two References

Contact Info: email: SURP@fhcrc.org.

Fred Hutchison Cancer Research Center/New Mexico State University

Deadline: January 16, 2015

Program Overview: Underrepresented students attending New Mexico State University are invited to participate in the Cancer Research Internship for Undergraduate Students. In addition to completing a mentored research project, students will also participate in a variety of educational activities throughout the summer, including weekly research seminars, professional development workshops, and a competitive poster presentation. Students will also have an opportunity to attend the Society for Advancement of Chicanos and Native Americans in Science [SACNAS] national conference.

Program Dates: June 15-August 14, 2015

Eligibility Guidelines:

- U.S. citizen or permanent resident.
- Enrolled at NMSU at the time of application submission.
- Undergraduate student of at least sophomore standing.
- *Member of a group traditionally underrepresented the sciences.
- Strong background in the sciences.

*Note: This includes racial and ethnic groups traditionally underrepresented in health sciences, persons with disabilities, and persons raised in economically disadvantaged backgrounds.

Program Award: Students will receive a \$4,500 stipend and travel costs (up to \$450). Interns are responsible for their own housing, meals, and transportation. *Note: The FHCRC negotiates a housing option for out-of-town students at the University of Washington, which is available for approximately \$1,600.

Application Info:

- Online Application
- Two letters of recommendation

Contact Info: If you have any questions or would like more information about the Cancer Research Internship for Undergraduate Students, you may contact Drs. Michèle Shuster at NMSU at: mshuster@nmsu.edu or Julian Simon at the FHCRC at: jsimon@fhcrc.org.

Gerstner Sloan-Kettering—Summer Undergraduate Research Program

Deadline: February 1, 2015

Program Overview: The Summer Undergraduate Research Program is designed for approximately 20 outstanding undergraduate students who are interested in pursuing a career in the diagnosis and treatment of human disease.

Eligibility Guidelines:

- Currently enrolled undergraduate students of freshmen, sophomore or junior standing.
- Academic minimum: 3.0 GPA.
- Have completed college-level general biology and/or introductory
- Proven interest in biomedical research.

Program Award: Dependent upon the availability of funds, interns receive a taxable stipend to cover personal expenses. Candidates must make their own living arrangements and provide a local address at the time of admission.

Application Info:

- Online Application
- Official Transcript
- Two letters of recommendation

Contact Info: surp@sloankettering.edu

Harvard Medical School—The Summer Honors Undergraduate Research Program (SHURP) Deadline: February 1, 2015

Program Overview: The Summer Honors Undergraduate Research Program (SHURP) at Harvard Medical School is a ten-week summer research program for college students belonging to groups that are traditionally underrepresented in the sciences. Research opportunities are available in a variety of biological and biomedical sciences.

Program Dates: June 1-August 8, 2015 (dates may be modified for students attending institutions on the quarter system)

Eligibility Guidelines:

- Currently enrolled undergraduate student of freshman, sophomore or junior standing.
- Able to commit to participating in the entire ten-week program.

Program Award: Students will receive a \$4,200 stipend, on-campus housing, and round-trip travel to Boston.

Application Info:

- Online Application
- Official Transcripts
- Two Letters of Recommendation

Contact Info: Dr. Sheila Thomas, SHURP@hms.harvard.edu

Harvard Stem Cell Institute (HSCI) Internship Program (HIP) Deadline: February 6, 2015

Program Overview: The goal of the Harvard Stem Cell Institute [HSCI] program is to provide undergraduate students with a focused and challenging summer research experience in a cutting edge stem cell science laboratory and to provide exposure to different professional options within the scientific arena.

Program Dates: June 8-August 14, 2015

Eligibility Guidelines:

- An academic background in the biological sciences is essential.
- Previous lab experience is preferred.
- Strong interest in stem cell biology.

Program Award: Students will receive a \$4,320 stipend for participation in the 10-week program. On-campus housing may be available, at cost, to participants.

Application Info:

- Online Application
- Academic Transcript
- Two Letters of Recommendation
- Personal Statement

Contact Info: Contact Maureen Herrmann, Program and Administrative Manager, maureen_herrmann@harvard.edu

University of Michigan—Summer Undergraduate Research in Physiology (SURP) Deadline: TBD

Program Overview: The Summer Undergraduate Research in Physiology (SURP) program offers outstanding underrepresented undergraduates the opportunity to conduct intensive research across a variety of disciplines. The goal is to prepare students for advanced studies in one of the Ph.D. programs at the University of Michigan.

The SURP program allows undergraduates the opportunity to work on graduate level research projects with faculty. Students work with faculty mentors either on an individual basis or as part of a research team. In addition, all participants engage in a series of academic, professional, and personal development seminars. Participants present their research at a concluding summer research symposium.

Program Dates: TBD

Eligibility Guidelines:

- Completed 1-3 years of college
- Be a U.S. citizen or permanent resident
- Have a minimum overall 3.0 GPA (on a 4.0 scale)
- Students from racial and ethnic minority groups or low-income family backgrounds or who are first generation college students

Program Award: The SURP program provides a stipend of \$4200, housing assistance of \$1000, travel assistance up to \$500, and research supply fund of \$1000.

Application Info:

- Complete and submit an online application form
- Two recommendations

Contact Info:

Angela Tucker
(734) 763-2921

surpdiversity@umich.edu

BioXFEL Summer Undergraduate Research Experience (BSURE)

Deadline: TBD

Program Overview: The BioXFEL Center offers multiple opportunities for undergraduate students to participate in cutting-edge research and expand their knowledge base in X-ray free electron related disciplines. The BioXFEL research and academic experience offers programs at the University at Buffalo, Arizona State University and the University of Wisconsin, Madison. This 10 week integrated summer internship program includes lab skills training courses, a Bio-STEM scientific discovery lecture series, research day communication workshops, and a culminating day for both oral and poster presentations.

Program Dates: TBD

Eligibility Guidelines:

- Entering sophomore, junior, or senior year
- Students must US citizens or permanent citizens to be eligible for funding
- Students with all backgrounds and with divergent needs

Program Awards: Students receive a living stipend and housing is provided for students who live outside of Western New York.

Application Info:

- Online Application Form
- Personal Statement describing interest in research and career goals
- Most recent CV or Resume
- Two (2) letters of recommendation from people who know you well
- Latest academic transcript

Contact Info: Dr. Anthony Hutchinson; BioXFEL Education and Diversity Coordinator; 700 Ellicott Street, Buffalo NY 14203; Phone: (716) 898-8610; Email: info@bioxfel.org

Summer Undergraduate Research Fellowship (SURF)

Deadline: January 31, 2015

Program Overview: The Pharmacology Department at the UCSD School of Medicine offers a research-training program to undergraduates after their sophomore and junior years. This program is specifically for students who are interested in a career in basic research and who are seriously considering Ph.D. training in the basic biomedical sciences. The SURF program is an intensive academy-modeled on graduate school.

Students will: Gain research experience in biomedical/pharmacological sciences, Attend a GRE preparation course, Attend Workshops in Professional Development Skills, Present research at the UCSD Undergraduate Research Symposium

Program Dates: June 22 – August 14, 2015

Eligibility Guidelines:

- Entering sophomore, junior, or senior year
- Students must US citizens or permanent citizens to be eligible for funding
- Students with all backgrounds and with divergent needs

Program Awards: Students receive a living stipend and housing.

Application Info:

- Application Form
- Personal Statement describing interest in a career in basic biomedical research
- Three (3) letters of recommendation from faculty members emailed directly from faculty members to pharmeducation@ucsd.edu.
- Current academic transcript (through 1st quarter of this academic year).

Contact Info: UCSD Pharmacology, 9500 Gilman Drive, MC 0636. La Jolla, CA 92093-0636

Email: pharmeducation@ucsd.edu PH: 858-822-3936 Fax: 858-534-6833.

WAVE Fellows Program at Caltech

Deadline: January 7, 2015

Program Overview: The WAVE Fellows program provides support for talented undergraduates intent on pursuing a Ph.D. to conduct a 10-week summer research project at Caltech. Caltech is committed to promoting diversity within its educational programs and activities and strives to ensure that differing cultural, ethnic, social, geographic, and economic perspectives are represented. Caltech's WAVE Fellows program aims to foster diversity by increasing the participation of underrepresented students in science and engineering Ph.D. programs and to make Caltech's programs more visible and accessible to students not traditionally exposed to Caltech. The program is extended, but not limited, to underrepresented minorities, women, first-generation college students, geographically underrepresented students, and educationally and financially disadvantaged students.

Program Dates: June 15 – August 21, 2015

Eligibility Guidelines:

- Entering sophomore, junior, or non-graduating seniors.
- Students must be US citizens or permanent citizens to be eligible for funding
- Minimum GPA of 3.2 is required.
- Have an interest in pursuing a Ph.D.
- Have prior research experience
- Students with all backgrounds and with divergent needs

Program Awards: Students receive a living stipend and housing and travel supplement.

Application Info:

- Online Application Form
- Three (3) letters of recommendation from faculty members.
- Current academic transcript (unofficial)

Contact Info: apply online:

http://www.sfp.caltech.edu/programs/wavefellows/application_information

AMGEN Scholars at Caltech

Deadline: January 7, 2015

Program Overview: The Amgen Scholars Program is a national program to increase research opportunities for students committed to pursuing careers in the sciences. At Caltech, we provide students the opportunity to conduct research in biology, chemistry, and bio-technical related fields under the guidance of some of the world's leading academic scientists. Research projects, along with scientific seminars, workshops, and networking events, prepare participants to pursue a Ph.D. or the joint M.D./Ph.D. degree and research careers in the sciences and biotechnology.

Program Dates: June 15 – August 21, 2015

Eligibility Guidelines:

- Entering sophomore, junior, or non-graduating seniors.
- Students must be US citizens or permanent citizens to be eligible for funding
- Minimum GPA of 3.2 is required.
- Have an interest in pursuing a Ph.D or M.D./ Ph.D.
- Students with all backgrounds and with divergent needs

Program Awards: Students receive a living stipend and housing.

Application Info:

- Online Application Form
- A proposal written by the student and uploaded to the application
- Three (3) confidential letters of recommendation from faculty members.
- Current academic transcript (unofficial)

Contact Info: apply online:

https://www.sfp.caltech.edu/programs/amgen_scholars/application_information