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SUMMER RESEARCH & INTERNSHIP OPPORTUNITIES

WOULD YOU LIKE TO EARN $2500 - $6000 THIS SUMMER
WHILE HAVING AN EDUCATIONAL EXPERIENCE?

Greetings, students! Today, undergraduates are leaving college having completed more than just classes. Most top students have completed research, studied abroad, completed internships, and volunteered around the globe. While many students are working summer jobs in retail, others are getting paid to collect samples in Antarctica or act as photojournalists in Mexico. How do you find these opportunities? That is the real question.

This newsletter provides a basic introduction where you can go to find opportunities, many paid, to help you have these experiences. The programs listed in this newsletter allow students to gain research experience at a large selection of top research institutions. Most of the programs provide a stipend during the 6 to 12 week period, or pay a generous hourly rate for the hours you put into your research. Included, by some of the universities, is the cost of travel, room and board. Select universities will also offer trips to neighboring conferences where students can present their research.

Please take the time to look through this newsletter to find the opportunities that are right for you! Many have spring deadlines, so pay specific attention to those. If you have questions or need assistance with applications or ideas, please do not hesitate to reach out to us. We would be glad to help you with your applications!

Sean Kelly, PhD
Dean, UTSA Honors College

This newsletter provides you with links to the websites of the individual programs. The listing specifies the location of the program, the dates of the summer internships, the fields of study that the program covers, stipends and other costs covered. Also included are the deadlines, typically ranging from early January to mid-March. Click on the links to learn more about eligibility requirements and application procedures.

The Honors College is located in MS 4.02.14. To contact us, send an e-mail to honors@utsa.edu or call (210) 458-4106.
I called Austin “home” for the eight weeks that I participated in the 2015 Summer Undergraduate Research Experience (SURE) program at The University of Texas at Austin. The program was especially tailored for psychology undergraduates from Texas institutions and included weekly seminars with distinguished UT faculty, graduate school workshops, an introduction to programming, meetings with graduate student mentors, and of course, working on an independent research project with a UT faculty member. Any doubts I had about my potential for graduate school vanished as the weeks passed, and I gained valuable insight into the life of an academic.

I worked in the lab of clinical psychologist Dr. Christopher Beevers, Director of UT’s Institute for Mental Health Research and a UTSA Honors alum. Throughout my first few weeks in the lab, I learned about and contributed to the incredible research on depression that Dr. Beevers and his students conduct daily. I assisted with one of his students’ studies, which compared the electroencephalograms (EEGs), or brainwaves, of neurotypical and clinically depressed individuals. I conducted supervised clinical interviews to recruit participants for the study and even placed the EEG cap on participants and ran through the study with them. About halfway through the summer, I had learned enough to propose a project that would examine the link between distress tolerance and cognitive biases in attention and interpretation of stimuli in major depressive disorder. I presented this project at the SURE End-of-Summer Presentation as well as at conferences back at UTSA. I plan to write a formal proposal for this project in spring 2016 and hope to conduct the study once I am in graduate school.

Outside of the lab, I met with three graduate student mentors weekly to receive personalized feedback on items for my graduate school application, including my personal statement and CV. I also met with faculty and graduate students in other labs to learn about other types of research and to expand my network. I also got to explore Austin and form friendships with the other SURE participants, many of whom remain friends today. It was awesome to be surrounded by students with different interests in and perspectives on the same field of study.

In just eight short weeks, I learned more than I ever could have from a textbook, made great connections, and confirmed my desire to pursue a PhD in clinical psychology. Before I started the program, however, I was hesitant. I wondered if I would enjoy myself, if it would prove to be too difficult, or if I even knew what I was getting myself into. Summer programs are perfect for the unsure student who wants a taste of what graduate school is like and absolutely invaluable for the certain student who wants to add to his or her qualifications to be a competitive applicant for graduate programs. If you want to learn more about your field, travel, boost your credentials, or expand your network (and get paid to do it all!), I would highly recommend participating in a summer program, whether or not you are already involved in a lab at UTSA. I advise interested students to stay on top of deadlines, ask for feedback on your application before you submit it, and apply to work with faculty members based on their academic interests and not just because of an institution’s reputation. Keep in mind that this could become your future graduate school faculty mentor if your interests are compatible and you make a good impression. You have plenty of resources here at UTSA to get you to where you want to be this summer and lots of friendly faces who will help you once you get there!
During the summer of 2015, I attended the NHLBI funded SURP (Summer Undergraduate Researchers in Physiology) program at the University of Michigan in Ann Arbor. Over the course of the 12 week program, my peers and I worked with faculty mentors on individual research projects and also participated in workshops geared towards our academic, professional, and personal development. My mentor was Dr. Anuska Andjelkovic, whose lab researches brain pathology with a primary focus on blood brain barrier (BBB) permeability.

My research during the SURP program explored the effects of chronic stroke on BBB permeability. Specifically, I was trying to understand how stroke decreases BBB permeability. Previous work in the lab showed a significant increase in microRNA 9-5 concentration in comparison to other microRNA during stroke conditions. My main objective was to determine if microRNA 9-5 had an effect on BBB permeability. Dr. Andjelkovic’s research team also met weekly to present new research findings and hone oral presentation skills, which greatly improved my communication skills. In the last week of the program, I gave my final oral presentation to a room of my peers. This presentation showcased the research that I conducted as well as the skills I gained during the summer.

The insight I gained into the life of a graduate student through conversations with the graduate students and the opportunity to immerse myself into intriguing lab work had an even greater impact than the research experience itself. I also had the opportunity to seek advice regarding my career goals from several program faculty members. Their years of experience and insight helped to shape and solidify my goal of become a research professor.

This experience helped me confirm and more clearly define my aspirations, which gave direction and focus to my life. If you have a chance to obtain a summer internship, then pursue it and apply because this opportunity will help you grow your network, gain research experience, and hone your skills. If you don’t know where to find these opportunities, the Honors College is a good place to start.
Claude Hardy  
(Biology)  
Summer Institute for Training in Biostatistics (SIBS)  
Rollins School of Public Health, Emory University

In the summer of 2015, I had the opportunity to live in Atlanta with 20 or so other students from across the country. The program, sponsored by the National Heart Lung and Blood Institute (NHLBI) and co-sponsored by the National Center for Advancing Translational Sciences (NCATS) was a 6-week introductory course at the Rollins School of Public Health at Emory University, designed to increase the pool of Master’s and PhD level biostatisticians through intensive instruction in biostatistical approaches to research. The program exposed undergraduates and graduate students to methodologies, theoretical principles, and applications of statistical methods.

In the mornings, Emory faculty taught us about relevant theories and case studies, and, in the afternoon, Ph.D. candidates taught us how to use statistical software packages, such as SAS and R. At lunch and dinner, panels of students, alumni, and faculty from disparate departments within the school of health would discuss career paths in public health and how to apply to graduate school. Much of the material was covered using hypothetical case studies and real examples of research in heart, lung, blood, and sleep disorders. As a final project, we were divided into groups to do detailed statistical analysis on actual data from research at Emory on the validity of biomarkers like suPAR and C-reactive Protein for predicting kidney disease outcomes.

While doing this project and even before, I recognized how unique an experience this was for a biology major like me. My prior experience in math consisted of basic college math which contrasted with the hefty math backgrounds that the majority of students had as statistics, computer science, and economics majors. While I sometimes felt lost when learning the theoretical calculus underlying common statistical tests, as a pre-med student, I appreciated gaining an understanding the foundational concepts underlying the research and case studies we read. Ultimately, we all were able to educate each other.

I applied to the program, despite not being seriously interested in biostatistics. Like some of the other pre-med students, I had overestimated the program’s emphasis on general public health research topics and underestimated the amount of math I would need to know. I found, however, that the program was valuable not only because it added interesting variety to my CV, but also because, as I later learned, the first class that I will need to take as part of the M.D./M.P.H. program I am applying to will be a course in biostatistics. Now I will be better prepared and will look better prepared.

To students looking for programs or internships for the summer, my advice would be to cast a wide net and apply to a number of programs, including those that might appear to have marginal relevance to your specific interests. Get out of your comfort zone. Delve into unfamiliar academic interests. Doing so will make your CV more diverse and appealing and will signal that you are willing to be flexible and engage in diverging academic disciplines and can draw from multiple pools of knowledge. It’s also okay to show up to a program and feel lost because that simply means there is more to learn.
**Summer Research**  

**Varied Majors**

**CIC: Committee on Institutional Cooperation**  
**SORP (Summer Research Opportunities Program)**

- **Program Dates:** 8 to 10 weeks  
- **Stipends:** All Expenses Paid Except Food plus $3,000 to $6,000  
- **Research Area(s):** ALL FIELDS

**Description:** The CIC (Committee of Institutional Cooperation) SROP’s goal is to increase the number of underrepresented students who pursue academic careers by enhancing their preparation for graduate study through intensive research experiences with faculty mentors. Students are matched with faculty mentors who are engaged in research in the student's general area of interest. Students either participate in an on-going research project or develop one of their own in consultation with their faculty mentor. The major activity of the SROP is an in-depth research experience with students working one-on-one with faculty mentors. SROP students are required to write a paper and an abstract describing their projects and to present the results of their work at a campus symposium.

**Deadline:** February 10, 2017.

- [http://www.cic.net/Home/Students/SROP/Home.aspx](http://www.cic.net/Home/Students/SROP/Home.aspx)  
- University of Illinois at Urbana-Champaign  
  [http://www.grad.uiuc.edu/srop](http://www.grad.uiuc.edu/srop)

- University of Iowa  
  [http://ogi.grad.uiowa.edu/srop/](http://ogi.grad.uiowa.edu/srop/)

- University of Maryland  
  [https://www.gradschool.umd.edu/summer-research-opportunities-program](https://www.gradschool.umd.edu/summer-research-opportunities-program)

- University of Michigan  
  [https://www.rackham.umich.edu/prospective-students/srop](https://www.rackham.umich.edu/prospective-students/srop)

- Michigan State University  
  [http://www.grad.msu.edu/SROP/](http://www.grad.msu.edu/SROP/)

- University of Minnesota  
  [https://diversity.umn.edu/gradeducation/msrop](https://diversity.umn.edu/gradeducation/msrop)

- University of Nebraska-Lincoln  
  [http://www.uni.edu/summerprogram/](http://www.uni.edu/summerprogram/)

- Northwestern University  
  [http://www.tgs.northwestern.edu/diversity/undergraduate-summer-research/index.html](http://www.tgs.northwestern.edu/diversity/undergraduate-summer-research/index.html)

- Ohio State University  
  [http://www.gradsch.ohio-state.edu/summer-research-opportunities-program.html](http://www.gradsch.ohio-state.edu/summer-research-opportunities-program.html)

- Pennsylvania State University  
  [http://www.gradschool.psu.edu/index.cfm/diversity/srop/](http://www.gradschool.psu.edu/index.cfm/diversity/srop/)

- Purdue University  
  [http://www.purdue.edu/GradSchool/diversity/srop/index.html](http://www.purdue.edu/GradSchool/diversity/srop/index.html)

- Rutgers University  

- University of Wisconsin-Madison  
  [http://grad.wisc.edu/diversity/srop](http://grad.wisc.edu/diversity/srop)
Leadership Alliance
SR-EIP (Summer Research Early Identification Program)

http://www.theleadershipalliance.org/programs/summer-research

Program Dates: 8 to 10 weeks.  
Stipend: **ALL EXPENSES PAID** Stipend, travel and housing.  
Research Area(s): Sciences, social sciences, and humanities  
Description: The Leadership Alliance Summer Research Early Identification Program (SR-EIP) for underrepresented students offers undergraduates the opportunity to work for 8 to 10 weeks under the guidance of a faculty or research mentor at a participating Alliance institution or corporate sponsor. Through this one-on-one collaboration, students gain theoretical knowledge and practical training in academic research and scientific experimentation. The SR-EIP is designed to encourage students from groups traditionally underrepresented in the sciences, social sciences, and humanities to consider research careers in the academic, public and private sectors.  
Deadline: February 1, 2017

**Participating Universities**

- Brown University
- Columbia University
- Cornell University
- Dartmouth College
- Harvard University Graduate School
- Harvard University Division of Medical Sciences
- Howard University
- Hunter College
- Johns Hopkins University School of Medicine
- New York University School of Medicine
- NYU Center for the Humanities
- Princeton University
- Stanford School of EEES
- Stanford School of Engineering
- Stanford School of Humanities and Sciences
- Tufts University Biomedical Sciences
- University of Chicago
- University of Colorado Boulder
- University of Maryland, Baltimore County
- University of Miami
- University of Pennsylvania Arts & Sciences
- University of Pennsylvania Biomedical Graduate Studies
- University of Virginia
- Vanderbilt University
- Washington University in St. Louis
- Weill Cornell Graduate School of Medical Sciences
- Yale University
University of Michigan (UM)
CIC SROP (Summer Research Opportunity Program)
https://www.rackham.umich.edu/srop

**Program Dates:** May 30 – July 29, 2017.
**Stipend:** $4,000 stipend, room and board, (students will be responsible for their meals), round trip to and from the University of Michigan, and GRE preparation course.
**Research Area(s):** Humanities, social sciences, and physical or natural sciences.
**Program Overview:** The University of Michigan Summer Research Opportunity Program (SRP) offers outstanding undergraduates underrepresented in their field of study the opportunity to conduct intensive research across a variety of disciplines. The goal is to prepare students for advanced studies in a Ph.D. program at UM. The SROP 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. Research teams may also include graduate students, research scientists, and other SROP students.
**Deadline:** January 15, 2017.

University of North Carolina
Moore Undergraduate Research Apprentice Program
Announcement of Summer Student Fellowships
http://murap.unc.edu/

**Program Dates:** May 21—July 27, 2017.
**Stipend:** Stipend, meal allowance, GRE preparation course, travel expenses, and on-campus housing.
**Research Area(s):** Humanities, social sciences, and fine arts.
**Program Overview:** The Moore Undergraduate Research Apprentice Program (MURAP) is a paid summer fellowship designed to foster the entrance of talented students from diverse backgrounds in the humanities, social sciences, and fine arts into graduate school and faculty positions in U.S. colleges and universities.
**Deadline:** February 10, 2017.
THE UNIVERSITY OF TEXAS AT SAN ANTONIO
MCNAIR POST-BACCALAUREATE ACHIEVEMENT PROGRAM
A FEDERAL TRIO INITIATIVE FUNDED BY THE U.S. DEPARTMENT OF EDUCATION

The Ronald E. McNair Post-Baccalaureate Achievement Program was created under the Higher Education Amendments of 1986. It was named in honor of Dr. Ronald E. McNair (an African-American engineer, scientist and astronaut who perished in the 1986 explosion of the space shuttle Challenger).

The McNair Scholars Program, as it is commonly referred to, will assist economically qualified, first generation college students and students from underrepresented groups in doctoral studies and scholarly activities. The program will provide services to underrepresented groups such as Hispanics, African Americans, Native/Alaska Americans and students with disabilities. All these activities are designed to prepare McNair scholars for the rigors of doctoral work and will ensure their preparation in all ways possible to obtain a Ph.D. or other terminal degree. They will receive the following supportive and academic services:

- Mentoring from Grad Students and Faculty
- Tutoring Referrals/Assistance
- Academic Advising by Grad Students & Faculty
- Intensive Faculty-led Research Activities
- GRE Prep Workshops and Exam Tips
- 10-week Summer Research Institute
- Presentations at Research Symposia
- Doctoral Prep Colloquial Series
- Participation at Regional McNair Conference
- Assistance with Graduate School Application Process
- $2,800 Stipend for Meeting Specific Milestones Throughout the Year
- Travel to Professional Conferences for Presenting Research
- Financial assistance for Room and Board on a case by case basis

All these activities are designed to prepare UTSA McNair scholars for the rigors of doctoral work and will ensure their preparation in all ways possible to obtain a Ph.D. or other terminal degree. McNair Staff will consult with UTSA colleges and other offices to identify and recruit eligible program participants. The UTSA McNair Scholars program is directed by Mr. Darrell Balderrama, Executive Director and will be housed at the 1604 Campus.

For program information or to apply for the program, please contact Darrell Balderrama at 458-4284 or darrell.balderrama@utsa.edu or email trio@utsa.edu
Undergraduate students of any discipline can now access thousands of global UG research & funding opportunities through the Office of Undergraduate Research Opportunities page (visit the link above). Students create a profile to focus their searches. Students will receive updates on new, related opportunities as well.

New York University (NYU) School of Law & Harvard Law School
TRIALS Program
http://trials.atfoundation.org/program/index

Program Dates: 5 weeks, TBA
Stipend: $3,000; transportation to and from host university; on-campus housing; three daily meals at campus dining hall; access to the host university’s library, computer centers, and gym.
Description: Trials is a unique partnership of NYU School of Law, Harvard Law School, and the Advantage Testing Foundation. It is a fully subsidized summer study program for students of modest means whose backgrounds are currently underrepresented at the nation’s top law schools. For five weeks in the summer, Trials students take residence at Harvard or New York University. The residency alternates from year to year. Trials students prepare for the LSAT, attend lectures by prominent lawyers, public figures, and legal scholars, and observe lawyers at work.

National Institute on Drug Abuse (NIDA)
Summer Research with NIDA for Underrepresented Students

Program Dates: Varies (check sites online)
Stipend: $3,840; housing varies by site
Research Area(s): Biomedical and behavioral research
Description: The internship may include laboratory experiments, data collection, data analysis, formal courses, participation in meetings, interviewing, manuscript preparation, patient recruitment, library research, and literature reviews. In addition, it is expected that at the end of the internship, each intern will deliver a formal presentation on his/her research project.
2017 ICPSR Summer Program
http://www.icpsr.umich.edu/sumprog/

Program Dates: Two 4-week sessions: 1) June 26-July 21, 2017; 2) July 24-August 18, 2017
Research Area(s): Social Research.
Description: Founded in 1963, the ICPSR Summer Program is recognized throughout the world as the preeminent forum for basic and advanced training in the methodologies and technologies of social science research. We serve a diverse multidisciplinary and international constituency. Our general instructional philosophy emphasizes the integration of methodological strategies with the theoretical and practical concerns that arise in research on substantive social issues. The ICPSR Summer Program also creates a unique and supportive social environment that facilitates professional networking and encourages the exchange of ideas about the theory and practice of social science research.
Registration will begin in February 2017.

http://www.smithsonianofi.com/
This link will take you to a page provides tools to search, filter or browse approximately 100 learning opportunities at the Smithsonian Institution:
- Search across all Smithsonian opportunities by entering keywords in the search box in the panel to the left related to the topic or kind of opportunity that interests you, then click the magnifying glass to search;
- Filter the opportunities according to your preferences: For example, which museum(s) or offices interest you? Are you looking for an internship or fellowship? Paid or unpaid? Expand the filter box by clicking on the arrow, click on the items that interest you, and then click on Search at the bottom of the panel to the left; or
- Browse through lists of opportunities arranged alphabetically according to the Smithsonian museum or office that manages each opportunity. You can browse through the internship opportunities, the fellowship opportunities, or all opportunities displayed together by clicking on one of the boxes shown below.

Searching, filtering or browsing will lead you to descriptions of opportunities that are displayed in the same way. Standard information about each opportunity includes: which museum or office serves as host; who is eligible to apply; how to apply; the duration and stipend; and a person to contact if you have questions. You Program descriptions may include links to relevant websites about the opportunity or about the host museum or office.
When you've selected the opportunity that interests you most, click on Apply to access SOLAA, the online application system.
Smithsonian Institution

MIP (Minority Internship Program)

http://www.smithsonianofi.com/minority-internship-program/

Program Dates: 10 weeks TBA.
Stipend: $600 per week, with possible travel allowance.
Research Area(s): Animal behavior, ecology, and environmental science, including an emphasis on the tropics
Anthropology, including archaeology,
Astrophysics and astronomy
Earth sciences and paleobiology
Evolutionary and systematic biology
History of science and technology
History of art, especially American, contemporary, African, and Asian art, twentieth-century American crafts, and decorative arts
Social and cultural history of the United States
Folklife
Description: The Minority Internship Program administered through the Office of Fellowships and Internships provides students the opportunity to experience the Smithsonian as a universal lens for learning. Under the guidance of Smithsonian staff who are experts in their fields, Smithsonian Minority Interns are inspired to learn, examine and collaborate in their specific academic fields that relate to current research at the Smithsonian.

Smithsonian Institution

National Air and Space Museum Summer Internship Program

http://airandspace.si.edu/research/internships/

Program Dates: A commitment of 10 weeks during the summer is required. Full-time interns work 40 hours per week from approximately the first week in June until the second week in August.
Stipend: A $5,500 stipend is provided to help interns defray expenses. Information on lodging resources are provided upon selection as an intern, but interns are responsible for locating and securing lodging.
Research Area(s): Interactive media, museology, history, aviation, space science, budget and finance, architecture and engineering, graphic design, photography, journalism, education, aircraft restoration and preservation, earth and planetary studies, archives, development, exhibits, public affairs, science and library disciplines.
Location and Schedule: Most interns work in the National Air and Space Museum on the National Mall in Washington, D.C. Some work at the Steven F. Udvar-Hazy Center in Chantilly, Virginia or at the Paul E. Garber Preservation, Restoration, and Storage Facility in Suitland, Maryland.
Description: Our Summer Internship Program offers an opportunity for work experience to college and university students in a wide variety of disciplines. Interns have a firsthand opportunity to learn about the historic artifacts and archival materials housed in the Museum and to study the scientific and technological advances they represent. Each year positions are available in a variety of Museum areas such as aircraft restoration; aviation or space history; planetary science; collections management; web and new media; exhibit and graphic design; public relations; budget and finance; architecture and engineering; and education. Students from all fields of study are encouraged to apply.
Smithsonian Institution
James E. Webb Internship for Minority Undergraduate Juniors, Seniors and Graduate Students in Business and Public Administration
http://www.smithsonianofi.com/internship-opportunities/james-e-webb-internship/

Program Dates: 10 weeks TBA.
Stipend: $600 per week, and a travel allowance may be provided.
Research Area(s): Management of non-profit organizations.
Description: This program was established in honor of the late James E. Webb, Regent Emeritus and former Administrator of the National Air and Space Administration (NASA). These learning opportunities are intended to increase participation of minority groups who are underrepresented in the management of not-for-profit scientific and cultural organizations. Interns are placed with mentors in offices, museums, and research institutes throughout the Smithsonian Institution.

University of Maryland (UM)
SRI (Summer Research Initiative)
http://www.bsos.umd.edu/diversity/landingtopic/summer-research-initiative

Program Dates: June 5—July 28, 2017
Stipend: Round-trip air fare, room and board in University on-campus housing, and $3,150 (before taxes - amount includes stipend and meal allowances).
Research Area(s): All departments and centers within the College of Behavioral and Social Sciences have been invited to participate.
Description: The Summer Research Initiative is a full-time, 40-hour-per-week commitment; therefore, students should not register for any summer classes or hold employment during the program period. Participants are required to attend all seminar series and program events (on and off-campus), meet with mentors regularly, and complete all scheduled assignments.
University of California Los Angeles (UCLA)  
SPUR (Summer Programs for Undergraduate Research)  
http://www.gdnet.ucla.edu/asis/srp/srpintro.htm


Stipend: Stipend varies. Room and a meal allowance provided. Program participants are required to reside in assigned University housing.

Research Area(s): Any field.

Description: The UCLA Summer Programs for Undergraduate Research 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 plan to pursue a PhD and enter academic careers. Opportunities are available in virtually all academic fields. Student participants work with a faculty mentor with interests that match, as closely as possible, the student's research interests. Students assist the faculty member in an ongoing research project or work collaboratively with the mentor in designing a new project of mutual interest.

Deadline: March 31, 2017 (unless otherwise stated in the program description).

USC Dornsife College of Letters, Arts and Sciences

Latino Mental Health Research Training Program  
http://dornsife.usc.edu/latino-mental-health/

Program Dates: May 30—August 11, 2017

Stipend: $1,200 a month stipend. Program also includes transportation and living expenses (food and housing).

Research Area(s): Mental Health Research

Description: Cohorts will be comprised of nine undergraduate and three pre-doctoral trainees. The program will take place throughout the course of 11 weeks, and is comprised of an intensive one-week training seminar at USC, and a 10-week training program in Puebla México. The first phase will take place at USC and consists of research workshops by some of the top Latino Mental Health Researchers in the country. Drs. Concepcion Barrio, Alex Kopelowicz, Jodie Ullman, William Vega and Kristin Yarris will provide a one week set of workshops on epidemiology, mental health services, family interventions, caregiving and research methods/statistics. The one-week intensive seminar will serve to help trainees develop research and professional skills to reduce disparities and to motivate them to pursue advanced research degrees. In addition the seminar will provide them with a cultural orientation to facilitate a smooth transition to living and working in Mexico.

SRP (Summer Research Program)

http://www.unl.edu/summerprogram/

Program Dates: 10-week programs, June 5 - August 9, 2017.
Stipend: Varies by program (see below); room and board; travel expenses; campus parking or bus pass
Research Area(s):

- Applied Plant Systems ($6,000 stipend)
- Atomic, Molecular and Plasma Physics ($5,000 stipend)
- Bioenergy Systems ($5,250 stipend)
- Biomedical Engineering ($5,000 stipend)
- Chemistry ($5,000 stipend)
- Integrated Agronomic Systems ($4,000 stipend)
- Internet Security ($5,000 stipend)
- Materials Research Center ($5,000 stipend)
- Minority Health Disparities ($5,000 stipend)
- Nanohybrid Functional Materials ($5,000 stipend)
- Nanotechnology Coordinated Infrastructure ($4,500 stipend)
- Redox Biology ($5,500 stipend)
- Sustainability of Civil Infrastructure ($4,500 stipend)
- Systems Biology of Plant and Microbiome ($5,000 stipend)
- Virology ($5,000 stipend)

Description: 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. This intensive summer research experience provides mentoring and research experiences while allowing scholars to preview graduate school life.
Columbia University and Barnard College
Amgen Scholars SRP (Summer Research Program)
http://www.columbia.edu/cu/biology/ug/amgen/


Stipend: Participants receive a stipend of $4000 and $500 in flex and housing on the Morningside campus of Columbia University.

Research Area(s): Biology, biomedical fields, medicine, psychology.

Description: Students work full-time (about 40 hours/week) on independent study projects under the guidance of a research scientist and attend Amgen Scholars research presentations.


University of California Berkeley (UC Berkeley)

SROP (Summer Research Opportunity Program)
http://diversity.berkeley.edu/programs-services/graduate/undergraduate-research-programs

Program Dates: varies (see individual program websites)

Stipend: Varies. Minimum $4000 stipend and housing. Meal and travel expenses depend on program.

Research Area(s): Varies.

Description: The Summer Research Opportunity Program (SROP) at the University of California, Berkeley, was established to promote access to graduate education among undergraduates who have been educationally or economically disadvantaged and who may not have had exposure to the academic environment of a research university. Students work with a faculty member in the student's area of interest.

UC Berkeley Amgen Scholars
Deadline: February 1, 2017

ASSURE/Space Sciences Program
Deadline: February 1, 2017

Energy Efficient Electronics Science Research Experiences for Undergraduates
Deadline: January 27, 2017

National Science Foundation Summer Research Experience for Undergraduates
Deadline: January 30, 2017

Summer Undergraduate Program in Engineering Research at Berkeley
Deadline: January 30, 2017
The Curry School of Education at The University of Virginia
http://curry.virginia.edu/research/projects/surp

Program Dates: June 4—August 1, 2017.
Stipend: $3,000, $500 towards meals, and support for travel to/from Charlottesville.
Research Area(s): Educational Psychology and Developmental Science.
Description: The EP-ADS Summer Undergraduate Research Program aims to help students strengthen the skills needed to get into and successfully complete a doctorate program in education research. It will introduce students from underrepresented groups to ongoing research at UVA and will give them experience to help make them qualified candidates for doctorate programs in education research.

University of Oregon (UO)
SPUR Life Sciences (Summer Program for Undergraduate Research)
http://spur.uoregon.edu/pgm_description.shtml

Program Dates: 10-weeks, begins at the end of May 2017
Stipend: Stipend more than $400 per week for summer (average 10 weeks), round-trip travel (from home), room and board while participating in the program.
Research Area(s): Evolution, developmental biology, genomics, structural biology & biophysics, molecular biology, bioinformatics, genetics, cell biology, neuroscience, ecology, marine biology, computational biology, biochemistry, bio-organic chemistry, neurobiology & physiology, psychology, exercise and movement science, human physiology, cognitive neuroscience
Program Overview: SPUR offers closely mentored research projects to provide broad, experience-based training in science research. This training, which stresses active learning for both interns and mentors, includes experimental approaches, methodological skills, strategic design, creative and critical reasoning, and scientific communication. We aim to boost personal confidence by professional and social interactions with active researchers at all levels.
Deadline: There is no hard deadline. Offers will begin to be made in mid-February. Review continues and applications accepted until all slots are filled.
Kennedy Krieger Institute is now accepting applications for three programs developed as part of its Research Initiatives for Student Enhancement (RISE) Program. These programs are funded by a grant from the Centers for Disease Control and Prevention (CDC) and are designed to provide educational opportunities for students.

Maternal Child Health Careers/Research Initiatives for Student Enhancement - Undergraduate Program (MCHC/RISE-UP)

Program Dates: Varies depending on program site (refer to webpage)
Stipend: $3,500; housing and round-trip travel for out-of-state participants
Research Area(s): Public health
Description: Three public health leadership experiences are offered at each MCHC/RISE-UP site. Scholars may choose up to two leadership experiences. Public health experiences offered to scholars are: Clinical/Community, Community Engagement and Advocacy, and Research (see webpage for more detailed descriptions of each of these)
Deadline: January 29, 2017

James A. Ferguson Emerging Infectious Diseases Fellowship Program

Program Dates: May 29—July 28, 2017
Stipend: $4,000; housing and round-trip travel for out-of-state participants
Research Area(s): Infectious diseases
Description: Fellows work with research mentors on projects related to infectious diseases treatment, prevention, and epidemiology. Fellows located at the Baltimore, MD site may participate in clinical and community experiences. Fellows may receive training in the conduct of community-based participatory research, which engages communities that are currently underserved by the healthcare system. Fellows may also rotate through clinical experiences related to infectious diseases and public health, attend clinical rounds, and/or work with DHMH.
Deadline: January 29, 2017

Public health Leadership and Learning Undergraduate Student Success (PLLUSS) Program

Program Dates: Varies depending on program site (refer to webpage)
Stipend: $3,500; housing and round-trip travel for out-of-state participants
Research Area(s): Public health
Description: Scholars will be paired with a research mentor based on the interests expressed in their application. Scholars will work with their mentor to develop a research question. Available research topics include: health disparities, urban health issues, HIV/AIDS, adolescent health, developmental disabilities, community health, substance abuse treatment and prevention, cancer prevention, and child maltreatment and community violence prevention and treatment.
Deadline: January 29, 2017
University of Michigan School of Public Health (UMSPH)
HMP SEP (Health Management & Policy Summer Enrichment Program)
https://sph.umich.edu/sep/index.html

Program Dates: May 31–July 28, 2017
Stipend: paid 9-week internship, plus housing, travel and food allowance.
Research Area(s): Health, health management

Description: This program offers health management and policy internships and class work in a summer program that addresses health disparities. The internships, which include paid placements in hospitals, HMOs, and other health services and public health agencies in Detroit, Ann Arbor and Flint, enable students to work in organizations that confront these disparities every day. The SEP encourages undergraduates to consider health management and policy as an attractive career option through which they can address health disparities. Each placement is designed to offer a stimulating opportunity for awareness, learning and growth. The ultimate goal is to increase participation of students committed to eliminating health disparities in this important and exciting field.
Deadline: January 20, 2017

Columbia University College of Physicians and Surgeons

Columbia University College of Physicians and Surgeons
SPHSP (Summer Public Health Scholars Program)

Stipend: a stipend for all program participants, housing, and round-trip travel.
Research Area(s): Public health, biomedical science

Description: This is a rigorous program which includes Public Health course work at Columbia University; hands-on field experience and immersion in a diverse, economically disadvantaged urban environment; seminars and lectures with public health leaders; and mentoring by faculty members, ensuring students’ exposure to the breadth and importance of public health as a career option.
Centers for Disease Control and Prevention (CDC)
CLEH (Collegiate Leaders in Environmental Health)
https://www.cdc.gov/nceh/summerinternships/cleh.htm

Program Dates: June 5—August 4, 2017
Stipend: $600 per week
Research area(s): Environmental health
Description: This is a paid 10-week summer environmental internship for undergraduate students who are passionate about the environment, interested in human health, and curious about how they are linked. Interns will participate in a comprehensive program including environmental health project assignments, interaction with federal officials and scientists, and visits to important environmental health sites in and around Atlanta. Other activities include "brown-bag" lunches with CDC staff, as well as attending lectures from prominent environmental health leaders in the Atlanta area. In addition, interns will be able to attend the many seminars offered by CDC during the summer.

Washington University in St. Louis Institute for Public Health
SRP (Summer Research Program)
http://publichealth.wustl.edu/resources/summer-research-programs/

Program Dates: June 1—July 31, 2017
Stipend: $4000 stipend and a free Metrolink transit pass for non-WashU students
Research area(s): Public health
Description: These programs will expose students and future investigators to research in a lab or field-based setting and further their interest in public health or global health. They include mandatory didactic sessions and seminars, and is an opportunity to establish a career-building network. Participants are expected to pursue their research training full time, defined as 40 hours per week, and also attend all program events (if based in St. Louis). At the end of the eight weeks the students will give presentations at a student research symposium.
John Hopkins University Bloomberg School of Public Health
Diversity Summer Internship Program for Undergraduates

**Program Dates:** late May—early August, 2017.
**Stipend:** minimum $3,000 (depends on faculty mentor); housing for the summer
**Research area(s):** Biomedical and public health fields
**Description:** DSIP provides a graduate-level independent research experience to undergraduate students. As such, interns will be required to work on a research project with their assigned mentors, complete weekly assignments along with a research paper, deliver a formal oral presentation, and participate in a culminating poster session. In addition, interns attend a GRE course, and public health and professional development seminars each week.
**Deadline:** February 1, 2017.

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Emory University Rollins School of Public Health
SIBS (The Summer Institute for Training in Biostatistics)
http://sph.emory.edu/departments/bios/sibs/index.html

**Program Dates:** June 7—July 14, 2017
**Stipend:** program covers the cost of university fees and tuition, housing and some meals.
**Research area(s):** Biostatistics
**Description:** The Summer Institute for Training in Biostatistics (SIBS) is an annual summer introductory program for undergraduate and graduate students interested in biostatistics. Over the course of six weeks, students engage with professors and scientists while taking classes on Emory's picturesque campus. Students also enjoy field experiences, hands-on data collection, and analysis activities, while learning about career options in the field.
**Deadline:** Applications are currently being accepted on a rolling basis.
SMDEP (Summer Medical and Dental Education Program)
http://smdep.org/

Program Dates: Six weeks with specific dates dependent on program site. There are thirteen different program sites:

Columbia University Medical Center (New York)
Howard University Colleges of Medicine, Dentistry, Pharmacy, Nursing and Allied Health Sciences (D.C.)
Louisiana State University Health Sciences Center—New Orleans (Louisiana)
Rutgers New Jersey Medical School and Rutgers School of Dental Medicine (New Jersey)
University of Alabama at Birmingham Schools of Medicine, Dentistry, and Optometry (Alabama)
University of California Los Angeles and Charles R. Drew University (California)
University of Florida Health Science Center (Florida)
University of Iowa Health Sciences Colleges (Iowa)
University of Louisville Schools of Medicine and Dentistry (Kentucky)
University of Nebraska Medical Center, Colleges of Medicine and Dentistry (Nebraska)
University of Texas Health Science Center at Houston (Texas)
University of Washington Schools of Medicine and Dentistry (Washington)
Western University of Health Sciences (California)

Stipend: Varies.
Research Area(s): Medicine, dentistry
Description: SMDEP is a free, 6-week, summer medical and dental school preparatory program that offers eligible students intensive and personalized medical and dental school preparation. Program offerings include academic enrichment in the basic sciences (organic chemistry, physics, biology, pre-calculus/calculus) and key elective courses (writing, oral presentations, current topics in health), learning -skills seminars, including study skills and methods of individual and group learning, limited clinical exposure through small-group clinical rotations and full-group clinician seminars, career development, including the exploration of the medical and dental professions and an individualized education plan to identify other appropriate summer experiences, and a financial-planning workshop.

Deadline: March 1, 2017
Host Institutions:
- California Institute of Technology
- Columbia University/Barnard College
- Harvard University
- Massachusetts Institute of Technology
- National Institutes of Health
- Stanford University
- University of California, Berkeley
- University of California, Los Angeles
- University of California, San Francisco
- Washington University in St. Louis

Eligibility
Amgen Scholars U.S. Program applicants must be:
- U.S. citizens or U.S. permanent residents;
- Undergraduate students enrolled in accredited four-year colleges or universities in the United States, Puerto Rico or other U.S. territories; and
- Sophomores (with four quarters or three semesters of college experience), juniors or non-graduating seniors (who are returning in the fall to continue undergraduate studies).

U.S. Program applicants must also have:
- A cumulative grade point average of 3.2 or above; and
- An interest in pursuing a Ph.D. or M.D.-Ph.D.

Application Deadline: The deadline to apply for all of the host institutions is February 1, 2017, with the exception of the California Institute of Technology whose deadline is February 15, 2017.

http://www.amgenscholars.com/us-program
National Science Foundation (NSF)
REU (Research Experience for Undergraduates)
https://www.nsf.gov/crssprgm/reu/

Program Dates: Varies: see individual websites.
Stipend: Varies: see individual websites.
Research Area(s): Any STEM field.
Description: The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program.
Deadline: varies, Check program for details.

Institute for Broadening Participation (IBP)
http://www.ibparticipation.org/

The mission of the Institute for Broadening Participation is to increase diversity in the Science, Technology, Engineering and Mathematics (STEM) workforce. We design and implement strategies to increase access to STEM education, funding, and careers, with special emphasis on diverse underrepresented groups. We believe that diversifying the STEM workforce is the best way to ensure our nation's economic vitality and solve global challenges.

Many organizations fund a research opportunities for undergraduate students. The programs usually consist of a group of ten undergraduates who work in the research programs of the host institution. Each student works closely with the faculty and other researchers. Students are given stipends and, in many cases, assistance with housing and travel.

You must apply to each individual site or program to be considered for acceptance into these programs.
Stanford University
SSRP in Biomedical Sciences (Stanford Summer Research Program)
http://ssrp.stanford.edu/

Program Dates: June 24—August 26, 2017.
Stipend: Stanford will provide students with summer housing, meals, and travel to and from the summer research program. Additionally, all SSRP participants will receive a $3,600 stipend.
Research Area(s): Biomedical fields.
Description: Each participant is matched with a member of Stanford’s distinguished faculty and will work in one of Stanford’s state-of-the-art research facilities. Participants will work with both a faculty member and a lab mentor to craft a research project. The lab environment provides challenging projects and involves a broad range of research techniques that are feasible within the 8 week period. The program then culminates with a research symposium, where students present individual talks and posters on their summer projects in front of the faculty, lab mentors, and University administrators.

California Institute of Technology (Cal Tech)
Amgen Scholars Program
http://www.amgenscholars.caltech.edu/applicants/index.html

Stipend: $6,000 stipend for the ten-week period. Stipend payments will be distributed in equal installments in late June and late July. Scholars will also receive campus housing, a modest board allowance, and travel to and from Pasadena. Scholars will be required to live in provided campus housing.
Research Area(s): Biology-related fields, such as biochemistry, bioengineering, biotechnology, microbiology, neurobiology, and more.
Description: The Amgen Scholars program at Caltech introduces students to research under the guidance of seasoned faculty/mentors during a 10-week summer program.
University of Iowa (UI)
ISURP (Interdisciplinary Summer Undergraduate Research Program)
https://medicine.uiowa.edu/mcb/summer-undergraduate-research-program

Stipend: $3,750 stipend, housing in University of Iowa dormitories, and an additional award of up to $500 for travel to and from Iowa City.
Research Area(s): Free Radical and Radiation Biology, Human Toxicology, Genetics, Immunology, Molecular & Cellular Biology, and Neuroscience (including Neuropsychology).
Description: The Interdisciplinary Summer Undergraduate Research Program allows students to pursue broad research interests in modern biological research. The interdisciplinary nature of the program transcends traditional discipline-specific boundaries to provide an exciting research training experience. Participants will gain laboratory research experience, participate in a seminar program designed especially for this program, and have the opportunity to join in informal social events.

http://www.tecbioreu.pitt.edu/

Program Dates: May 22—July 28, 2017
Stipend: $5,500, housing, and travel
Research Area(s): Computational biology
Description: TECBio: "Simulation and Visualization of Biological Systems at Multiple Scales" is an NSF-funded, 10-week, summer, REU program that provides a challenging graduate-level research experience in computational biology. In addition to performing cutting-edge research, TECBio students will also participate in other academic activities, such as classes, seminars, and discussions, while experiencing the various social and cultural activities available in Pittsburgh.
Deadline: February 13, 2017
University of North Carolina
Summer REU (Research Experience for Undergraduates)
http://www.med.unc.edu/oge/stad/sure/

Stipend: $5,200 stipend, a food allowance of $772 and travel support up to $410.
Research Area(s): Biological and chemical sciences.
Description: The Summer Research Experience for Undergraduates (REU) Program at UNC-Chapel Hill provides talented undergraduate students the opportunity to carry out an independent research project under the guidance of UNC faculty mentors. REU students learn the latest methodologies in biomedical research while improving observation and communication skills. At the end of the Program all students present their work at the annual REU summer research symposium.

UT Southwestern Medical Center at Dallas
SURF (Summer Undergraduate Research Fellowship Program)
http://www.utsouthwestern.edu/education/graduate-school/programs/non-degree-programs/surf.html

Program Dates: June 5 - August 11, 2017.
Stipend: $4,000 and housing.
Research Area(s): Biological chemistry, biomedical engineering, biophysics, cancer biology, cell biology, chemistry, developmental biology, genetics, immunology, integrative biology, mechanisms of disease, molecular biology, microbiology, neuroscience, and pharmacology.
Description: The SURF program at UT Southwestern is an intensive summer research training experience designed for college students who are preparing for careers in biological research. Fellows gain experience in modern research techniques, and have a chance to plan and execute an experimental strategy to answer a scientific question.
**The CLIMB UP (Undergraduate Program) for Summer Research at UB**

http://www.buffalo.edu/climb/climb-up.html

**Program Dates:** May 30—August 5, 2017  
**Stipend:** Funds are available to provide a living stipend (room and board plus incidentals, paid biweekly) for a limited number of students. Housing is provided for students who live outside Buffalo.  
**Research Area(s):** Biomedical and health sciences  
**Program Description:** The CLIMB-UP Summer Research Program will match each student with a participating faculty mentor whose interests are complementary to his or her own. Students will work on their own research projects and get hands-on experience during the 10-week program. The summer will culminate with students presenting their work at the Summer Research Day with students from other UB summer research programs.  
**Deadline:** February 1, 2017

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**California Institute of Technology (Caltech) WAVE Scholars Program**

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

**Program Dates:** Begins in June 2017 (10 weeks)  
**Stipend:** $600/week, distributed in two equal payments; $500 housing allowance  
**Research Area(s):** Science and engineering  
**Program Description:** The program supports Caltech's commitment to training a diverse set of science, technology, engineering, and math leaders. In addition to the research experience, WAVE Fellows will participate in a graduate school preparation series, weekly seminars, networking events, Seminar Day, various social and cultural activities, and special tours and field trips.  
**Deadline:** January 10, 2017

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**Mickey Leland Energy Fellowship Internship Program**


**Program Dates:** June 5 - August 11, 2017  
**Stipend:** $600 per week. Allowance for housing and travel may be authorized.  
**Research Area(s):** Science, technology (IT), engineering, mathematics  
**Description:** The goal of the program is to improve opportunities for minority and female students in STEM fields, but all eligible candidates are encouraged to apply. Candidates who are selected will have the opportunity to work under the mentorship of program officials and researchers on focused research projects consistent with the mission of the Office of Fossil Energy.  
**Deadline:** December 30, 2016 (letters of reference accepted until January 13, 2017)
University of Wisconsin-Madison
IBS-SRP (Integrated Biological Sciences Summer Research Program)
http://biology.wisc.edu/ibs-srp.htm

Stipend: a stipend is provided to each student, and housing and travel costs are covered.
Research Area(s): Biology.
Description: Students do independent research projects with faculty mentors for ten weeks in the areas of Biochemistry and Biophysics, Bioenergy, Cellular and Molecular Biology, Computational Biology & Biostatistics, Ecology, Plants and Environmental Systems, Molecular and Environmental Toxicology, Neurobiology, and Virology.

University of Pittsburgh
SURP (Summer Undergraduate Research Program)
http://www.gradbiomed.pitt.edu/summer_surp.aspx

Stipend: $3,500 stipend, funding for housing and travel may be available.
Research Area(s): Cell biology; cellular and molecular pathology; immunology; molecular biophysics and structural biology; molecular genetics and developmental biology; molecular pharmacology; and molecular virology and microbiology.
Description: The program is administered by the Interdisciplinary Biomedical Graduate Program (IBGP) at the University of Pittsburgh School of Medicine, a premier research center. The School of Medicine provides an exceptional environment for students to gain research experience under the guidance of internationally recognized scientists.
Deadline: February 1, 2017 (early deadline) and March 1, 2017 (final deadline)
University of Texas Health Science Center at Houston/
University of Texas MD Anderson Cancer Center
Summer Research Opportunities
https://gsbs.uth.edu/future-students/summer-research.htm

Program Dates: varies (see individual program websites)
Stipend: $2,500-$6,000, depending on program
Research area(s): Biomedical sciences

- The UT Health Science Center at Houston Summer Research Program
- The UT MD Anderson Cancer Center CPRIT Summer Undergraduate Research Program
- Microbiology Summer Undergraduate Research Program (Micro-SURP)
- The UT MD Anderson Cancer Center Science Park Summer Research

Deadline: varies by program (early January—February 1, 2017)

Boston University School of Medicine
SURF (Summer Undergraduate Research Fellowship) Program
http://www.bu.edu/urop/surf-program/

Stipend: $5,000, housing, $750 supplies allowance, up to $500 for travel expenses, and housing in a BU apartment-style dorm
Research Area(s): Biology, molecular biology, biochemistry, ecology, genetics, environmental sciences
Description: The SURF Program is open to non-BU students who are rising juniors or rising seniors, and wish to conduct research in the sciences, technology, or engineering. The program consists of ten weeks of full-time research in a Boston University lab, mentored by a BU faculty member.
UT Health Science Center San Antonio
SPUR (Summer Physiology Undergraduate Research)
http://physiology.uthscsa.edu/ed_programs/spur

Program Dates: May 30—August 4, 2017
Stipend: $3,000 to assist in the cost of lodging, meals and other expenses.
Research Area(s): Biomedical science.
Description: This program allows talented undergraduates, interested in pursuing a career in academic research, the opportunity to spend 10 weeks doing research in a lab on cellular and molecular underpinnings of human physiology.
Deadline: March 1, 2017.

WUSTL
BioMedRAP
(Biomedical Research Apprenticeship Program)
http://dbbs.wustl.edu/divprograms/SummerResearchforUndergrads/Pages/BiomedRAP.aspx

Stipend: $4000 stipend, housing, travel, and several meals are provided.
Research Area(s): Biomedical fields.
Description: The Biomedical Research Apprenticeship Program (BioMed RAP) is a 10-week summer research program for underrepresented minority and disadvantaged college and university students who are interested in careers in biomedical research. The program's goal is to provide participants with an in-depth research experience to prepare them for Ph.D. and M.D./Ph.D. programs in the biomedical sciences.
Duke University
SORP (Summer Research Opportunity Program)
http://gradschool.duke.edu/student-life/diversity/diversity-programs-and-events/duke-summer-research-opportunity-program

Stipend: Students receive an on-campus apartment, travel assistance, a food allowance, and a competitive stipend.
Research Area(s): Biomedical fields.
Description: The Duke University Summer Research Opportunity Program (SORP) is a 10-week, training program designed to give underrepresented minority students hands-on experience in graduate-level biomedical research. The Program is designed for students who are seriously considering entering a Ph.D. Program following the completion of their undergraduate degree. The Program emphasizes direct laboratory experience. Students spend a majority of their time working in the lab, attending lab meetings, interacting with members of other labs, and otherwise conducting themselves just as though they had entered graduate school. Students work under the supervision of a faculty mentor and solve real, research problems in an active, modern, biomedical research laboratory.

Cincinnati Children’s Hospital Medical Center
SURF (Summer Undergraduate Research Fellowship)
http://www.cincinnatichildrens.org/education/research/surf/default/

Program Dates: Students can either start May 30, 2017 or June 5, 2017 (10-week program)
Stipend: Approximately $4,000
Research Area(s): Biomedical research.
Description: The Summer Undergraduate Research Fellowship (SURF) Program at Cincinnati Children’s Hospital Medical Center offers undergraduates the chance to explore clinical and basic science research in laboratories in the Department of Pediatrics, University of Cincinnati College of Medicine. The primary goal is to provide students with a foundation for making career choices in the biomedical sciences. Students have the opportunity to work with one of more than 500 faculty members at Cincinnati Children’s Hospital Medical Center, many of whom have active research programs that cover all areas of pediatric medicine, including the study of developmental biology, congenital disorders, genetic diseases, cancer, cardiology, neurology and immunology.
Case Western Reserve University
SURP (Summer Undergraduate Research in Pharmacology)
http://pharmacology.case.edu/education/surp.aspx


Stipend: $3,000. Lodging and food allowance will also be provided.

Research Area(s): Pharmacology.

Description: The Summer Undergraduate Research Program provides "hands on" research experience for sophomores and juniors in the area of molecular pharmacology. Although the projects will vary, each is related to a common theme - elucidation of the molecular mechanisms underlying the interaction of chemical agents such as drugs, hormones and neurotransmitters with biological systems. Students spend at least ten weeks during the summer working on a research project in a lab selected according to their interests. In addition to research, weekly seminars are presented to acquaint the students with the broad range of research projects in the Pharmacology Department.


University of Rochester Medical Center (URMC)
STP (Summer Training Program)
http://www.urmc.rochester.edu/pediatrics/research/Summer-Training-Program.aspx

Program Dates: May 30—August 3, 2017

Stipend: $3,000; Housing is included for out-of-area applicants at a residential life facility with full bath and kitchen.

Research Area(s): Biomedical fields.

Description: The Strong Children's Research Center funds a student scholarship program for students who plan to pursue a medical education and a biomedical research career. Students work under the direct supervision of a participating faculty member for 10 weeks. The Strong Children's Research Center supports basic and clinical research directed to the cause, prevention, and treatment of the diseases of infants, children, and adolescents, as well as studies of developmental biology, child and adolescent development, the delivery of health services, and interventions designed to improve the outcomes of clinical pediatric practice. Student trainees participate in research and clinical seminars, and associate with each other as well as trainees enrolled in similar programs in the Medical Center.

Association of American Medical Colleges
GREAT Group Educational Links
Summer Undergraduate Research Programs
https://www.aamc.org/members/great/61052/great_summerlinks.html#.UtAIYJ5dX3I

Research Area(s): Pre-med
Participating Schools include:

- Albert Einstein College of Medicine
- Baylor College of Medicine
- Boston University School of Medicine
- Brigham and Women's Hospital
- Case Western Reserve University
- Children's Hospital Research Foundation of Cincinnati
- City of Hope National Medical Ctr. And Beckman Research Institute
- Committee on Institutional Cooperation
- Drexel University College of Medicine
- Gerstner Sloan Kettering Graduate School
- Harvard Medical School
- Johns Hopkins University School of Medicine
- Keck Graduate Institute
- Louisiana State Health Sciences Center (SUPER)
- Maine Medical Center Research Institute
- Massachusetts General Hospital Center for Diversity and Inclusion
- Mayo Clinic Graduate School of Biomedical Sciences
- Medical College of Wisconsin
- Medical University of South Carolina
- Memorial Sloan-Kettering Cancer Center
- Minneapolis Heart Institute Foundation
- Mount Sinai School of Medicine
- National Institutes of Health
- New York University School of Medicine
- Northwestern University Feinberg School of Medicine
- Ohio State University Medical Center
- Oregon Health and Science University
- Penn State University, College of Medicine
- Rutgers Robert Wood Johnson Medical School
- Stanford University School of Medicine
- Thomas Jefferson University
- Tufts University
Association of American Medical Colleges

- University of Alabama at Birmingham
- University of Buffalo, SUNY
- University of California, Los Angeles
- University of California, San Diego
- University of California, San Francisco
- University of Chicago
- University of Cincinnati College of Medicine
- University of Colorado Anschutz Medical Campus
- University of Connecticut Health Center
- University of Iowa Graduate College
- University of Kansas
- University of Massachusetts Medical School
- University of Michigan Medical School
- University of Minnesota College of Biological Sciences
- University of Nebraska, Lincoln
- University of Nebraska Medical Center, Omaha
- University of New Mexico Health Sciences Center
- University of Oklahoma Health Sciences Center
- University of Pennsylvania Biomedical Graduate Studies
- University of Pittsburgh School of Medicine
- University of Rochester Medical School
- University of Texas Graduate School of Biomedical Sciences at Houston
- University of Texas Medical Branch, Galveston, TX
- University of Virginia School of Medicine
- UT Southwestern Medical Center, Dallas, TX
- Vanderbilt University School of Medicine, Nashville, TN
- Virginia Commonwealth University
- Wake Forest University School of Medicine
- Washington University in St. Louis
- Wayne State University School of Medicine, Detroit, MI
- Weill Cornell/Rockefeller/Sloan-Kettering
- Yale School of Medicine
New York University, School of Medicine (NYU)
Sackler Institute of Graduate Biomedical Sciences
SURP (Summer Undergraduate Research Program)
http://www.med.nyu.edu/sackler/programs/summer.html

Program Dates: June 4 - August 5, 2017.
Stipend: $3,500 stipend, housing in a NYU facility, and round trip travel expenses to New York City.
Research Area(s): Biomedical fields.
Description: The purpose of the program is to give students who may be interested in pursuing careers in the biomedical sciences (PhD, MD or MD-PhD) the opportunity to conduct research and to be exposed to the excitement of an academic medical environment at a major research center. Students may work with faculty in the disciplines of biomedical imaging, bioinformatics, cellular and molecular biology, developmental genetics, genome integrity, immunology and inflammation, microbiology, molecular biophysics, molecular oncology and tumor immunology, molecular pharmacology, neuroscience and physiology, pathobiology and translational medicine, and stem cell biology.
Deadline: January 30, 2017

University of Virginia Health System (UVA)
SRIP (Summer Research Internship Program)
http://www.medicine.virginia.edu/education/phd/gpo/srip/home-page/?searchterm=SRIP

Program Dates: May 26—August 4, 2017
Stipend: Housing, roundtrip travel to Charlottesville, and generous financial support are provided.
Research Area(s): Biomedical fields.
Description: The Summer Research Internship Program (SRIP) at the University of Virginia School of Medicine offers summer research internship opportunities to qualified undergraduates who are considering a possible career in biomedical research. The program targets, but is not limited to, under-represented minority students in their junior and senior college undergraduate years. The goals of the program are to expose undergraduate students to laboratory research and to familiarize them with the opportunities that exist for careers in biomedical research.
Northern Arizona University
REU (Research Experience for Undergraduates)
http://www.physics.nau.edu/~reu/

Program Dates: June 5—August 8, 2017.
Stipend: The total stipend will be $5,300, and each student will receive up to $700 toward travel expenses. Single room housing is included with the program based on availability. Students will be enrolled at NAU and receive three hours of credit; tuition and fees will be covered by the program.
Research Area(s): Physics
Description: Seven undergraduate students will work in Flagstaff with researchers from the NAU Dept. of Physics and Astronomy, the Lowell Observatory, the U. S. Geological Survey in Flagstaff, the U. S. Naval Observatory in Flagstaff, and the National Undergraduate Research Observatory Consortium. The research projects available vary from year to year, and have included planetary science, astrogeology, stellar astrophysics, instrumentation work, and extragalactic research.

Georgia Tech Biology
REU: (Research Opportunity for Undergraduates)
Aquatic Chemical Ecology at Georgia Tech
http://www.biology.gatech.edu/undergrad/reu

Program Dates: mid-May—late July 2017 (10 weeks).
Stipend: $5,000 and housing
Research Area(s): 1) biological and geochemical transformations of chemicals in aquatic ecosystem. 2) Sensory biology and ecology of aquatic chemical communication. 3) Ecological roles and consequences of chemicals in aquatic environments
Description: Aquatic Chemical Ecology (ACE) at Georgia Tech is a summer research program supported by the National Science Foundation REU (Research Experience for Undergraduates) program. ACE at Georgia Tech gives you the opportunity to perform exciting research with our faculty in the schools of Biology, Earth & Atmospheric Sciences, Chemistry & Biochemistry, Civil & Environmental Engineering, and Chemical & Biomolecular Engineering. You'll participate in research with one or more of our faculty, learn about careers in science and engineering, and see how scientists blend knowledge and skills from physics, chemistry and biology to investigate some of the most challenging problems in environmental sciences. We encourage applications from undergraduate students who are citizens or permanent residents of the U.S., especially attending universities other than Georgia Tech.
Cold Spring Harbor Laboratory (CSHL)
URP (Undergraduate Research Program)
http://www.cshl.edu/URP/

Program Dates: June 12—August 12, 2017.
Stipend: $5,000 stipend and room and board on the beautiful 100-acre Cold Spring Harbor Laboratory campus.
Research Area(s): Cancer Biology, Neuroscience, Plant Biology, Cellular and Molecular Biology, Genetics, Bioinformatics and Genomics.
Description: The Cold Spring Harbor Laboratory Watson School of Biological Sciences Undergraduate Research Program (URP) provides one of the few places in the world where young people are instructed in the techniques of modern biology while becoming integrated members of a vibrant scientific community. Approximately 25 students from around the world are accepted into the 10-week, summer program to work with senior Laboratory staff members on independent research projects.

Mount Sinai School of Medicine (MSSM)
SURP (Summer Undergraduate Research Program)
http://icahn.mssm.edu/education/non-degree/surp

Program Dates: 10 weeks, June—August 2017.
Stipend: $3,500 stipend and housing.
Research Area(s): Biomedical sciences.
Description: The MSSM Graduate School of Biological Sciences fellows have access to over 200 cutting-edge laboratories, participate in special workshops and conversations with current PhD and MSTP students, present research posters at a special session by SURP fellows, and have the opportunity to see a potential graduate program from the perspective of a graduate student.
University of Minnesota
Chemistry SRP (Summer Research Program)
https://chem.umn.edu/academics/undergraduate/research/landonational-science-foundation

**Program Dates:** June 5- August 11, 2017.

**Stipend:** $6,400, travel allowance up to $400. The $6,400 stipend is paid in two installments throughout the summer (the first installment of $3,200 will be paid upon arrival). Chemistry Summer Research Fellows may either live on campus or off-campus. On-campus cost for a dormitory will be approximately $1,800 for a 10 week period. Funds up to $800 are available for travel to a National meeting to present the results of your summer’s research during the following year.

**Research Area(s):** Chemistry

**Description:** The University of Minnesota Department of Chemistry Summer Undergraduate Research Program sponsors a summer research program for outstanding undergraduate students. The Program is designed to encourage students in the chemical sciences to learn more about research in chemistry and to provide such students with the opportunity to work in a lab under the direction of a faculty member.

**Deadline:** February 1, 2017.

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Medical College of Wisconsin (MCW)
SPUR (Summer Program for Undergraduate Research)
http://www.mcw.edu/Graduate-School/Prospective-Students/Summer-Program-for-Undergraduate-Research.htm

**Program Dates:** May 31—August 4, 2017

**Stipend:** $3,500 stipend and housing provided on an as-needed basis.

**Research Area(s):** Biomedical sciences.

**Description:** The Medical College of Wisconsin Graduate School of Biomedical Sciences Summer Program for Undergraduate Research (SPUR) provides the opportunity for students to learn first-hand the potential of the biomedical sciences as an interesting and fulfilling career. SPUR provides laboratory experience in science, in which the undergraduate works with graduate faculty, students, and staff on significant, ongoing, basic science research issues. This program is primarily intended for students interested in a PhD degree in biomedical sciences.

**Deadline:** February 1, 2017.
CALTECH
SURF (Summer Undergraduate Research Fellowship)
http://surf.caltech.edu/

Program Dates: 10 weeks, mid-June to late August 2017.
Stipend: SURF students receive payments of $600/week (federal and state taxable). International students may qualify for federal tax treaty exemption. Housing rates are finalized in late spring. Non-Caltech students will be required to purchase a declining balance card for use at Caltech and JPL eateries.
Description: Caltech’s Summer Undergraduate Research Fellowships program introduces students to research under the guidance of seasoned research mentors at Caltech and JPL. Students experience the process of research as a creative intellectual activity.

Tufts University, Sackler School of Graduate Biomedical Sciences
BDBS (Building Diversity in Biomedical Sciences)
http://sackler.tufts.edu/Admissions/Apply-to-Non-Degree-Programs/Building-Diversity-in-Biomedical-Sciences.aspx

Program Dates: Begins around May 29th and ends in early August, 2017.
Stipend: Trainees receive a $4,000 stipend, travel expenses within the US, and are provided with on-campus housing.
Research Area(s): Biomedical fields.
Description: The Building Diversity in Biomedical Sciences (BDBS) Program provides a mentored, 10-week research intensive experience for undergraduates who are interested in pursuing PhD or MD/PhD training upon completion of the baccalaureate degree.
Massachusetts Institute of Technology (MIT)
Amgen-UROP Scholars Program (Undergraduate Research Opportunities Program)
http://web.mit.edu/urop/amgenscholars/

Stipend: $4,418, based on an hourly wage of $12.55. Housing in a designated MIT residence hall and a $800 food allowance will also be provided.
Research Area(s): Science, biotechnology.
Description: Students admitted to the program have opportunities to conduct research, analyze data, present research results, network with other undergraduates with similar research interests, and develop working relationships with MIT faculty mentors and other research staff. Amgen Scholars learn how to collaborate effectively in research settings while investigating areas of research interest within a specific discipline and gaining practical skills and knowledge for both graduate study and post-graduation careers. Participants become fully integrated in MIT’s summer research community, interacting with faculty mentors and fellow undergraduates while participating in research seminars and other networking events. Most importantly, Amgen Scholars become involved in exciting research and contribute to the advancement of science in an area of interest.

Duquesne University
Summer Undergraduate Research Program
http://www.duq.edu/academics/schools/natural-and-environmental-sciences/undergraduate-research

Program Dates: May 22 - July 28, 2017
Stipend: $4,300
Research area(s): Positions are available in biochemistry, biology, chemistry, environmental science, forensic science and law, pharmacy, or physics.
Description: The Undergraduate Research Program provides students with essential research experience for a career in the sciences or science-related fields. Students selected for the Undergraduate Research Program are required to complete 10 weeks of research, a safety lecture, participate in the summer symposium, complete a community service project in the area of science, attend summer speaker seminars, and participate in the Ethics Forum.
Deadline: March 1, 2017.
Weill Cornell Medical College, Rockefeller University and Sloan-Kettering Institute
Gateways to the Laboratory Summer Program
http://www.med.cornell.edu/mdphd/summerprogram/

Program Dates: June 5—August 8, 2017.
Stipend: $4,300 plus travel expenses. In addition, one family member is flown out to NYC for the final presentations and accommodated at a high-end hotel in New York City.

Research Area(s): Medicine.

Description: The Gateways to the Laboratory Program takes up to 15 students per summer. In addition to conducting independent research projects at one of three institutions (Weill Cornell Medical College, The Rockefeller University and Memorial Sloan-Kettering Cancer Center), Gateways students participate in weekly journal clubs, a laboratory technique workshop, a clinical skills workshop, a mock MCAT exam and a Gross Anatomy lecture and tour. Gateways students scrub into numerous surgeries at New York-Presbyterian Hospital. At the end of the summer, family and friends are invited to attend the Gateways students' oral, written and poster presentations on their summer research. In addition, students are sent to two national conferences to present their research. Each Gateways student is assigned a Big Brother/Sister who is a current MD-PhD student in the program.


University of Massachusetts Medical School (UMASS)
NIH-SRFP (NIH Summer Research Fellowship Program)
http://www.umassmed.edu/summer/

Stipend: Stipend of $4000; travel and housing is paid for and arranged by the program.

Research Area(s): Biomedical fields

Description: The NIH Summer Research Fellowship Program is a non-credit, 10-week, structured, research experience. The program consists of hands-on laboratory research experience with an investigator serving as a mentor, role model and advisor. The program is designed to provide participants in-depth exposure to the actual practice of scientific research in the hopes that the excitement, challenge, and creativity of the enterprise will convince them to consider basic research in the sciences as a viable career choice.

University of Michigan Medical School  
UM-SMART Program  
http://medicine.umich.edu/medschool/education/mdphd-program/um-smart-undergrad-summer-program

Program Dates: May 31—August 4, 2017  
Stipend: $4,400, housing, and up to $200 of travel costs.  
Research area(s): Biomedical research, clinical medicine.  
Description: 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. 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, and attend formal MCAT instruction over an eight-week period.  

The University of Texas at Austin  
Cockrell School of Engineering  
Summer Research Experience for Undergraduates (REU)  
http://sites.utexas.edu/bmereu/program/

Program Dates: June 1—August 12, 2017  
Stipend: $5,000, on-campus housing and meals, $250 for travel to Austin, $650 to present at BMES Annual Meeting in October 2017.  
Research area(s): Cancer research  
Description: Biomedical Engineering Community of Undergraduate Research Scholars for Cancer, or BME CUReS Cancer, is an innovative REU with an educational focus on building a community of researchers trained and inspired in the fight against cancer.  
SULI
Program Dates: Summer 2017 (10 weeks)
Stipend: $500 per week, housing or a housing allowance, and a travel reimbursement up to $500.
Research Areas: Science, technology, engineering, mathematics.
Description: A typical experience starts with students spending the first week with an Argonne supervising staff member devising a research strategy and attending mandatory safety classes. For the next few weeks, the supervisor will provide considerable program assistance and guidance. Subsequently, the student will be expected to complete a pre- and post-survey, oral or poster presentation, 1500 - 3000 word research report, and a one-page peer review. In addition to their research activities, participants are provided tours of the facilities and attend a series of seminars in current topics in science and engineering and career development.

SRP
Program Dates: 10 weeks.
Stipend: $500 per week and housing in on-site student units, and up to $500 travel reimbursement.
Research Areas: Science, technology, engineering, mathematics.
Description: A student will generally spend the first week of his/her Argonne experience with an Argonne staff member devising a research strategy and attending mandatory safety classes. For the next few weeks, the supervisor will provide considerable program assistance and guidance. Subsequently, the student will be required to submit a final research report. In addition to their research activities, participants attend a series of seminars and tours dealing with current topics in science and engineering and career development.
NIH Catalog (National Institute of Health)
https://www.training.nih.gov/programs/sip

Program Dates:  Varies: see individual websites.
Stipend:  See individual websites for details.
Research Area(s):  Various.
Description:  National Institutes of Health. Various institutes and centers offer research opportunities for students in a variety of program areas. The following Institutes and Centers offer research opportunities for students in a variety of program areas.
Deadline:  Varies

NCI - National Cancer Institute
http://www.cancer.gov/researchandfunding/cancertraining/atnci
Research Area(s):  Cancer

NHLBI - National Heart, Lung and Blood Institute
http://www.nhlbi.nih.gov/
Research Area(s):  Heart, lung, blood - biomedical

NIA - National Institute on Aging
http://www.nia.nih.gov/
Research Area(s):  Gerontology - biological / behavioral

NIAAA - National Institute on Alcohol Abuse and Alcoholism
http://www.niaaa.nih.gov/
Research Area(s):  Alcoholism - biological / behavioral

NIAID - National Institute of Allergy and Infectious Diseases
http://www.niaid.nih.gov/
Research Area(s):  Allergies / infectious diseases

NIAMS - National Institute of Arthritis and Musculoskeletal and Skin Diseases
Research Area(s):  Arthritis / skin diseases

NEI - National Eye Institute
http://www.nei.nih.gov/training/summer_intern.asp
Research Area(s):  Visual system - biomedical
The National Institute of Health

NHGRI - National Human Genome Research Institute
http://www.genome.gov/27545918
Research Area(s): DNA - biology

NINDS - National Institute of Neurological Disorders and Stroke
http://www.ninds.nih.gov/jobs_and_training/summer/
Research Area(s): Neurological disorders - biology

NINR - National Institute of Nursing Research
http://www.ninr.nih.gov/Training/TrainingOpportunitiesIntramural/SummerGeneticsInstitute/
Research Area(s): Nursing - biomedical. This program does not offer an stipend, nor does it cover any costs.

NIDA - National Institute on Drug Abuse
https://www.drugabuse.gov/about-nida/organization/offices/office-nida-director-od/odhd/odhd-research-training -programs
Research Area(s): Drug abuse – biological / behavioral

NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases
http://medicalstudentdiabetesresearch.org/

NIDDK also offers a Summer Internship Program specific to Alaska native undergraduate students
http://www2.niddk.nih.gov/OMHRC/OMHRCPacAK.htm
Research Area(s): Diabetes / digestive diseases – biochemistry / math

NIEHS - National Institute of Environmental Health Sciences
https://www.niehs.nih.gov/careers/research/summers/
Research Area(s): Environment - biology

Note: This compilation of summer research opportunities is not at all exhaustive. Do your own search for research opportunities in the field(s) and location(s) that interest you most. You may want to try large search engines such as www.google.com and www.yahoo.com. Another option is searching websites of other institutions of higher learning.