

2011 SUMMER RESEARCH OPPORTUNITIES FOR UNDERGRADUATES

Albert Einstein College of Medicine (Bronx, NY)

The Summer Undergraduate Research Program (SURP) at the Albert Einstein College of Medicine offers a unique opportunity to work for the summer in a research laboratory at one of the world's top-ranking scientific institutions. SURP students receive a stipend, live on campus in student housing, and are considered members of the laboratory for the summer. Join the laboratory of HHMI Investigator Dr. William Jacobs Jr. to learn about tuberculosis and the quest to develop an effective vaccine

http://www.researchprofiles.collexis.com/einstein/expert.asp?u_id=1899 In addition, summer positions are available in labs in every area of biomedical research, ranging from biophysics, structural biology, and protein chemistry, to neuroscience, developmental biology, immunology, cell biology, immunology, infectious diseases, and clinical investigation (diabetes, cardiovascular disease, cancer, etc.). SURP students attend weekly undergraduate level seminars on "hot" research topics, and also participate in career workshops and a forum on ethical issues in science and medicine. At the end of the summer, SURP students present a poster describing their research at the annual SURP symposium on the Einstein campus. SURP students participate in a full range of social activities including a Broadway show, NYC double decker bus tour, a baseball game, Bronx Zoo Day, student-faculty barbeques and other events. Further information is available on our website: <http://www.einstein.yu.edu/phd/index.asp?surp>

Baylor College of Medicine (Houston, TX)

The Summer Medical and Research Training (SMART) Program is a 9-week summer research program offered by the Graduate School. From its initiation in 1989, the SMART Program has provided undergraduate students from more than 240 colleges and universities an opportunity to experience research in a medical school environment. Between 80 and 90 positions are available each summer. The size of the program affords a unique chance to work closely with students from many different ethnic, educational and geographical backgrounds who share a common interest in biomedical science careers. Students become functioning members of Baylor laboratories and contribute to research efforts in more than 20 basic and clinical science departments. Students and mentors are matched based on the student's educational level, laboratory experiences and research interests. At the end of the program, students submit a short summary of their research. Daily noon seminars designed for this program help students develop their fundamental knowledge, introduce areas of biomedical research and emphasize the reciprocal relationship between basic research and clinical applications. A wide range of scientific topics, as well as career options and opportunities for participants interested in research, are explored. Seminar speakers span the range of career development from graduate students to world-renowned scientists and physicians. For additional information and to download an application visit <http://www.bcm.edu/smart/>. Our application deadline is January 15, 2011 with letters of recommendation and transcripts due February 1.

Boston University (Boston, MA)

The Boston University (BU) Summer Undergraduate Research Fellowship (SURF) Program is designed to promote access to graduate education for talented undergraduate students, especially those from minority groups traditionally underrepresented in the sciences. The SURF Program is supported by funds from the National Science Foundation (NSF-REU; NE-AGEP), the

Department of Defense (ASSURE), and Boston University. 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. Most SURF research projects are in areas related to Biology and Neuroscience. On-campus housing, a stipend, weekly enrichment activities, social events, and an October weekend trip to present findings at the BU Undergraduate Research Symposium are also included. For SURF, the application deadline is February 11, 2011, and the 2011 program dates are May 31 to August 6. You will need to fill out an application, provide a transcript, and submit two letters of recommendation. Information for the summer 2011 program can be found at <http://www.bu.edu/urop/surf/>. Please feel free to contact the BU Undergraduate Research office if you would like more information (urop@bu.edu; 617-353-2020).

California Institute of Technology (Pasadena, CA)

MURF UNDERGRADUATE RESEARCH FELLOWSHIPS: The MURF program aims to increase the participation of underrepresented students (such as African American, Hispanic, and Native American, females who are underrepresented in their discipline and first-generation college students) in science and engineering Ph.D. or M.D. /Ph.D. programs and to make Caltech's programs more visible to students not traditionally exposed to Caltech.

Eligibility: Students must be current sophomores through non-graduating seniors and must be U.S. citizens or U.S. permanent residents. A minimum GPA of 3.0 is required.

Support: MURF students will receive a \$6000 award for the ten-week program and a \$500 travel/housing supplement.

Application: Online applications are due mid-January 2011.

For more information, please visit <http://www.murf.caltech.edu/>

AMGEN SCHOLARS PROGRAM: 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

Eligibility: Students must be current sophomores through non-graduating seniors attending 4-year colleges or universities in the U.S., Puerto Rico, or other U.S. territories. Students must be U.S. citizens or permanent residents. A minimum cumulative GPA of 3.2 is required. Students should have an interest in pursuing a Ph.D. or M.D. /Ph.D.

Application: Online applications are due February 16, 2011

For more information, please visit <http://www.amgenscholars.caltech.edu/>

Cold Spring Harbor (Cold Spring Harbor, NY)

CSHL's Undergraduate Research Program (URP) provides one of the few places where young people are instructed in the techniques of modern biology while becoming integrated members of a vibrant scientific community. Each year, approximately 25 students from around the world are accepted to the fully subsidized, 10-week summer program to work with senior Laboratory staff members on independent research projects in:

- * Cancer biology
- * Neuroscience
- * Plant biology

- * Cellular and molecular biology
- * Genetics
- * Computational biology

The URP program is designed to give students an opportunity to conduct first-rate research. Participants learn about scientific reasoning, laboratory methods, theoretical principles, and scientific communication.

In addition to their research, URP students attend a series of seminars and special events designed specifically for them. At the URP Symposium, held at the end of each summer, students present a summary of their research to their peers and advisors. Each participant also writes a final report, similar to a scientific abstract, to describe his or her project.

Program participants live, work, eat, and play among CSHL scientists. They are invited to all Laboratory social activities, see a Broadway play, explore many of the tourist attractions in New York City, have pool parties, visit the lovely beaches of Long Island, and generally enjoy a marvelous-and very busy-summer. By the end of the program, they are well-equipped to decide whether scientific research is a career they would like to pursue.

Please visit <http://www.cshl.edu/education/urp> for more information and to apply online.

Applications are due by January 15, 2011.

Emergent Behaviors of Integrated Cellular Systems NSF Science and Technology Center

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 of 2011. The program will fund 15 undergraduate students, with 5 students assigned to EBICS labs at each primary institution. Program dates vary by location but are between May 16, 2011 and August 12, 2011. Other highlights include professional development, mentoring, and social engagement with other REU students. We provide a \$4500 stipend and assistance with travel, housing and a small food allowance.

Qualifications: Applications will be accepted from any student currently enrolled in a science or engineering undergraduate program with a 3.25 overall GPA. United States citizenship or permanent residency is required. Women and students from underrepresented minority groups are strongly encouraged to apply. URL: <http://www.ebics.net/> Contact: Tia Jackson-Truitt at tia.jackson@gatech.edu

Fred Hutchinson Cancer Research Center (Seattle, WA)

A summer research program for undergraduate students between their junior and senior year of studies is established at the Hutchinson Center. The program provides financial support and instruction on a research project under the guidance of a faculty member and laboratory staff (in one of the Divisions of the Center: Basic Sciences, Clinical Research, Human Biology, Public Health Sciences or our newest area, the Vaccine and Infectious Disease Institute). Students spend a nine week period as part of a research team in areas such as: cellular biology, developmental biology, genetics, membrane biology, molecular biology, molecular immunology, structural biology, oncogenes, or virology. Weekly student/faculty research meetings take place throughout the summer, and students are encouraged to participate in other Center colloquia and seminars. For more information, visit <http://www.fhcrc.org/science/education/undergraduates/>

Janelia Farm Research Campus (Ashburn, VA)

Janelia Undergraduate Scholars: Our program gives undergraduates an opportunity to spend 10 weeks during the summer doing research as an intern in the lab of a mentor at Janelia Farm. The scholars are encouraged to attend weekly seminars and other events at Janelia. At the end of the session, each scholar will present his or her work at a symposium.

We want to identify some of the very best future scientists, engineers, and mathematicians who are interested in our areas of research when they are exploring their career options. We expect this experience to enrich the students' intellectual development and to benefit research at Janelia Support: \$4500 stipend, on-site housing, food, social activities and travel.

<http://www.hhmi.org/janelia/undergrad.html>

The Johns Hopkins University Medical Institutions (Baltimore, MD)

The Summer Internship Program (SIP) at The Johns Hopkins Medical Institutions offers a unique opportunity to work for the summer in a research laboratory at one of the world's top-ranking scientific institutions. The purpose of the program is to give students, who are interested in pursuing careers in the biomedical sciences the opportunity to conduct research, while exposed to the excitement of an academic medical environment at a major research center.

Research opportunities are available in the following areas:

Basic Science Institute

Research opportunities in the Basic Science Institute are available in all of our basic science departments: Biological Chemistry; Biomedical Engineering; Biophysics and Biophysical Chemistry; Cell Biology; Molecular Biology and Genetics; Neuroscience; Pharmacology and Molecular Sciences and Physiology.

BSI Chemistry-Biology Interface

Research opportunities in the CBI program are available in Biochemistry & Molecular Biology, Biology, Biophysics, Biophysics & Biophysical Chemistry; Chemical & Biomolecular Engineering, Chemistry, and Pharmacology and Molecular Sciences Departments. Research projects span a broad array of topics at the Chemistry – biology interface including studies on the reactivity, synthesis and structure of nucleic acids, proteins, lipids, carbohydrates, and small molecules of biological interest.

BSI - Summer Research Internships in Immunology

The Johns Hopkins Immunology Training Program (ITP) offers a wide range of research opportunities including: T cell antigen recognition, the immunobiology of AIDS, the biochemistry of lymphocyte activation, molecular biology of lymphocyte development, immunoglobulin gene rearrangement, tumor immunology, dendritic cell development and function, autoimmune disease mechanisms, antigen processing and presentation, innate adaptive immunity to infectious agents and mechanisms of immunologic tolerance.

Bloomberg School of Public Health

Research initiatives: improving the health of women and children; identifying determinants of behavior and developing communication programs to promote healthy lifestyles; protecting our nation from bioterrorism; preventing and controlling AIDS; elucidating the causes and treatment for mental disorders; preventing chronic diseases (heart diseases, cancer, diabetes); improving the health of adolescents; preventing and treating substance abuse; assessing the effect of environmental toxins on human health; making water safe and available for the world's population; assessing the health needs of disadvantaged populations (rural, urban, refugees, US ethnic groups); and developing methods to better understand, manage and finance health care.

These research opportunities may take place in a laboratory, health department, clinic, office, or in a community setting.

Pulmonary and Critical Care Medicine

Projects span a broad range of research, from the basic science of endothelial or epithelial cell biology to asthma epidemiology. Students interested in clinical medicine are given the opportunity to “round” with the Johns Hopkins Medicine residents, providing a glimpse of life in clinical medicine as a resident at an academic institution.

Students are actively engaged in hands on independent research and fully participate in lab-based journal clubs and research conferences. Each division of the program sponsors a weekly journal club, during which they present primary research articles to their peers and members of the faculty. Students also attend a seminar series providing students with the opportunity to interact with faculty members and hear different perspectives on issues related to career development. At the end of the summer, the participants participate in the Annual Joint Poster Session hosted by the School of Medicine. This event serves as the culminating event for all of the summer research programs on campus and features poster presentations by approximately 150 summer researchers. Program benefits include: stipend (\$3,000), on-campus housing, and a travel allowance.

SIP selects participants based on academic achievement, leadership, and commitment to diversity.

We encourage applications from individuals who come from rural or inner-city areas and individuals from groups traditionally underrepresented in biomedical research — specifically African Americans, Hispanic Americans, Native Americans, Pacific Islanders, women and those with disabilities.

Massachusetts Institute of Technology (Cambridge, MA)

The MIT summer research program in the fields of Biological science (MSRP Bio) is a 10-week research training program for highly motivated undergraduate sophomores and juniors who are ready for an intensive research experience at a top notch research institution which offers cutting edge technology and multidisciplinary approach to modern biological research. Students will conduct research under the direct supervision of a research mentor in a field of their interest (biochemistry, biophysics, genetics, microbiology, molecular biology, cell biology, cancer, Immunology, developmental biology, cognitive neuroscience, neurobiology, systems biology, computational biology, genomics) . Students will learn a range of skills, both technical and intellectual, that will help them develop into successful independent scientists. In addition to their research training, students will have many opportunities to meet with faculty, participate in academic and social activities, give oral and poster presentations of their research, and become integral members of the MIT community.

The application deadline for the program is January 30. The 2011 program dates are May 30 to Aug 6.

For more information and for application material go to:

http://web.mit.edu/biology/www/outreach/summer_research/undergraduates.html

New York University School of Medicine (New York, NY)

The Sackler Institute, the MD/PhD Office and the Office of Diversity Affairs at NYU School of Medicine have sponsored a research internship program in the medical sciences for undergraduate students for the past 21 years and will be doing so again for 2011. The purpose of

the program is to give highly qualified students, who are interested in pursuing careers in the biomedical sciences (Ph.D., M.D. or M.D.-Ph.D.), the opportunity to conduct research, while exposed to the excitement of an academic medical environment at a major research center. Students may work with faculty of their choosing in the disciplines of biochemistry, bio-informatics, biomedical imaging, cellular and molecular biology, clinical investigation, computational biology, developmental genetics, forensic pathology, immunology and inflammation, microbiology, molecular oncology, neuroscience and physiology, parasitology, pharmacology, stem cell biology, structural biology and virology. For more information, visit <http://sackler.med.nyu.edu/surp/>

Rockefeller University (New York, NY)

The Rockefeller University, one of the nation's premier centers for scientific research, invites college sophomores and juniors to apply for a unique summer research opportunity. The 10 week Summer Undergraduate Research Fellowship (SURF) program allows students to work with leading scientists in a broad range of areas including biochemistry, structural biology and chemistry; molecular, cell and developmental biology; immunology, virology and microbiology; neuroscience; physics and mathematical biology.

Additional program features include:

- A faculty lecture series organized especially for summer fellows
- A journal club
- Workshops on presentation skills, interview skills and applying to graduate school
- Social activities, including outings to see a Broadway show or professional baseball game

The summer concludes with a barbeque and poster session where summer fellows present their work to the Rockefeller community.

For additional information, visit <http://www.rockefeller.edu/surf/>

St. Jude Children's Research Hospital (Memphis, TN)

Top science students are invited to apply for our NIH/NCI-funded (5 R25CA023944) Pediatric Oncology Education (POE) Program <http://www.stjude.org/poe>. The program offers a unique opportunity for students preparing for careers in the biomedical sciences, medicine, and pharmacy to gain biomedical and oncology research experience. Undergraduate POEs participate in basic oncology research, clinical and basic research conferences and a daily core lecture series designed specifically for POEs. All participants make a PowerPoint presentation on their research project and submit a report on their research project written in the style of a journal in which their mentor publishes.

A primary goal of the POE program is to encourage students to pursue a career in cancer research. Thus, we are particularly interested in highly qualified students with a serious career interest in cancer research, either as a clinical scientist or laboratory-based research scientist. The POE 2010 class average undergraduate GPA was 3.825. In 2010, 51 students from 42 schools in 18 states, the District of Columbia, and Puerto Rico were selected from 460 applicants. POEs must be United States citizens, non-citizen nationals, or possess a visa permitting permanent residence in the United States (required by the funding agency). All must have completed at least their college sophomore year by the time they participate. Sophomores without relevant research experience will not be competitive applicants for our program. While not required, prior research experience is a strong advantage for all applicants. The tenure requirement is 11 weeks (10 weeks for returning students). All POE applicants must have an

undergraduate GPA of at least 3.40 (on a 4.0 scale) in math and science (biology, chemistry, and physics) AND at least a 3.40 overall. The stipend is \$4,000. Fully furnished group housing adjacent to our campus is provided at no cost for non- local students.

The POE home page <http://www.stjude.org/poe> contains links to the program application, which must be submitted online. The deadline for receipt of all 2011 application materials is February 1, 2011. Early application is highly recommended. Members of under-represented ethnic minority groups and women are particularly encouraged to apply, since one of our major long-term program goals is to increase the diversity of persons engaged in oncology research and practice. Our NIH/NCI-funded (2 P30CA021765-32S1) Continuing Umbrella of Research Experiences (CURE) grant provides stipends for additional undergraduate under-represented minority POE Program participants.

University of Colorado at Boulder (Boulder, CO)

The Summer Multicultural Access to Research Training (SMART) Program at the University of Colorado at Boulder is a 10-week research internship that prepares undergraduates for graduate programs in science, technology, engineering and math (STEM) fields. Each summer, 25 students from institutions nation-wide participate in research under the guidance of faculty mentors and attend weekly workshops

on scientific writing and presenting, GRE preparation, and the application process for graduate school. SMART interns earn three (3) hours of upper-division undergraduate credit in independent study, and receive a competitive stipend, room and board, round-trip travel, and the opportunity to participate in a variety of cultural and outdoor activities.

Program dates: May 31 – August 5, 2011 (schedule adjusted for students on quarter system)

Applications accepted after January 1, 2011

Application deadline: February 15, 2010

CU-Boulder is a comprehensive research institution with a tradition of academic excellence; the faculty includes 4 Nobel laureates and more than 50 members of prestigious academic academies. Apply now to engage in research at a world-class institution and explore the natural beauty of Colorado's Rocky Mountains! We invite you to view our website

<http://www.colorado.edu/GraduateSchool/DiversityInitiative/undergrads/smart/index.html> or email smart@colorado.edu for more information.

University of Illinois at Urbana-Champaign (Champaign, IL)

The University of Illinois at Urbana-Champaign offers a cross-discipline summer research program that provides undergraduate students from populations underrepresented in graduate study at Illinois with an opportunity to explore careers in research. The program at Illinois provides each student with an experience that will help strengthen his or her knowledge, skills, and understanding of graduate school. The many activities offered through the Summer Research Opportunities Program will afford participants an opportunity to establish important relationships with faculty in their respective fields of study, conduct graduate-level research under the supervision of a University of Illinois renowned faculty member, become acquainted with the culture of graduate school, and to learn what is needed and expected of them as graduate students in their discipline at the University of Illinois. The official start date for the 2011 SROP is June 6, 2011. Rising seniors are provided an opportunity to participate in the Illinois GRE Institute scheduled to begin on May 30, 2011 and will end on June 3rd, prior to the start of the SROP.

The 2011 SROP ends on August 5th. For more information about the Illinois SROP, visit our website at <http://www.grad.uiuc.edu/srop>.

University of Maryland Baltimore County (Baltimore, MD)

The Summer Biomedical Training Program at the University of Maryland, Baltimore County (UMBC) provides biomedical research experiences for U.S. citizens and permanent resident undergraduates, particularly those underrepresented in these areas that are interested in receiving a Ph.D. or MD/Ph.D. in the biomedical or behavioral sciences. Students from across the country complete a ten-week research experience with energetic faculty in state-of-the-art facilities at UMBC. This 10-week program offers a cross-disciplinary research experience in the 7 participating biomedical, behavioral and engineering sciences departments. The program benefits include: round trip transportation, on-campus housing and stipend. As a participant in the Summer Biomedical Training Program (SBTP) students also participate in a GRE Prep Course. This course is geared toward providing a thorough preparation for each of the sections of the GRE. At the end of the summer, the participants participate in the Annual Summer Research Festival hosted by the College of Natural and Mathematical Sciences. This event serves as the culminating event for all of the summer research programs on campus and features poster presentations by approximately 70-80 summer researchers, with 3-4 students selected to give a ten-minute oral presentations. For more information visit <http://www.umbc.edu/meyerhoff/summerbio/>

University of Texas Southwestern Medical Center (Dallas, TX)

The Summer Undergraduate Research Fellowship (SURF) program at UT Southwestern is an intensive, 10 week summer research training experience designed for college students who are preparing for careers in biological research. 75 fellows gain experience in modern research techniques, and have a chance to plan and execute an experimental strategy to answer a scientific question. The program introduces students to the sorts of projects encountered during postgraduate research training and leads to an understanding of the planning, discipline, and teamwork involved in the pursuit of basic answers to current questions in the biological sciences. Over two hundred and ninety participating faculty offer training in genomics, cancer biology, computational biology, developmental biology, molecular genetics, structural biology, cell biology, chemistry, systems biology, pharmacology, microbiology and infectious diseases, neurosciences, immunology, and mechanisms of disease. In addition to a world class research experience, SURF fellows participate in weekly research seminars and social events, as well as a university-wide poster session at the conclusion of the program. For more information, visit <http://www.utsouthwestern.edu/utsw/home/education/surf/index.html>

The Quantitative and Physical Science Summer Undergraduate Research Fellowship (QP-SURF) program at UT Southwestern

is an intensive, 10 week summer research training experience which leads to an understanding of the planning, discipline, and teamwork involved in the pursuit of basic answers to current questions at the interface of quantitative science and basic biomedical research. Ten fellows gain experience in modern research techniques, and have a chance to plan and execute an experimental strategy to answer a scientific question. The program introduces students to the sorts of projects encountered during postgraduate research training and leads to an understanding of the planning, discipline, and teamwork involved in the pursuit of basic answers to current questions in the quantitative/biological sciences. Applicants

must be enrolled in a physics, computer science, mathematics or chemistry degree program at the undergraduate level, have completed the sophomore year, and be a U.S. citizen. Forty five participating faculty offer training in biophysics, computational biology, and quantitative and analytical chemistry. In addition to a world class research experience, SURF fellows participate in weekly research seminars and social events, as well as a university-wide poster session at the conclusion of the program. For more information, visit

<http://www.utsouthwestern.edu/utsw/cda/dept21010/files/234276.html>

University of Wisconsin – Madison (Madison, WI)

The University of Wisconsin-Madison's Integrated Biological Sciences Summer Research Program offers research experiences to undergraduate junior and senior students interested in biological research careers. Each student does full-time research for 10 weeks with a faculty member in one of eight disciplinary clusters:

Biochemistry/Biophysics

Bioenergy

Cellular & Molecular Biology

Computational Biology & Biostatistics

Ecology, Plants, and Environmental Systems

Molecular & Environmental Toxicology

Neurobiology

Virology

In addition, the eight disciplinary areas are connected through a seminar series highlighting major themes in biology, science writing, preparation for graduate school, and biological sciences careers. The major themes are:

- evolution
- pathways and transformations of energy and matter in biological systems
- information flow, exchange and storage in biological systems
- structure and function
- systems biology

At the end of the program, students give an oral presentation of their research results and write a final research report that is published in a program journal. For more information visit:

<http://cbe.wisc.edu/srp-bio/>

Washington University (St. Louis, MO)

The Division of Biology and Biomedical Sciences (DBBS), which is a part of the Graduate School of Arts and Sciences, at Washington University in St. Louis, offers exceptional doctoral training at one of the nation's preeminent biomedical research centers. The Division consists of 12 doctoral training programs, 10 of which are ranked among the nation's top 10.

DBBS is pleased to offer opportunities for undergraduates to experience the outstanding cutting edge research at Washington University and the wonderful city of St. Louis and its surrounding areas. The three programs are the Amgen Scholars Program, Biomedical Research Apprenticeship Program and the Cellular and Developmental Biology Research Apprenticeship Program. All of the programs offered are designed to prepare undergraduates for the admission to and rigor of top quality Ph.D. and M.D. /Ph.D. programs. The three programs convene late May through the first week in August and provide a generous stipend, free housing and free travel to and from St. Louis.

As a DBBS Summer Program participant, you will:

- conduct independent research with outstanding faculty mentors
- work in a cutting edge science and technology environment
- gain exposure to some of the nation's finest biomedical investigators and an extensive variety of research topics
- receive individualized career counseling and develop your career interests
- participate in workshops, seminars and journal clubs
- build a social network with student peers and faculty
- prepare to apply to the best Ph.D. and M.D. /Ph.D. programs in the United States

We encourage applications from individuals who come from rural or inner-city areas and individuals from groups traditionally underrepresented in biomedical research — specifically African Americans, Hispanic Americans, Native Americans, Pacific Islanders, women and those with disabilities. Applications also are encouraged from international students currently pursuing a bachelor's degree in the United States. Individuals who have earned a baccalaureate degree and students who are not currently enrolled at a U.S. institution are not eligible to apply.

Please visit <http://dbbsummerresearch.wustl.edu/> to apply for a DBBS summer research program.