2012 Summer Research, Enrichment and Service Resources

Many of the programs listed here have a selective application process and have firm deadlines. If no deadline is listed, the date wasn’t available at time of print. Most are in Feb. or March. Some have rolling admissions—meaning that early applicants might be offered spots before the deadline. No guarantees are made through this publication, as programs are subject to change and without notice. As with all resources, due diligence in research and follow-through are keys to current and accurate information.

The American Cancer Society, Ohio Division
http://www.cancer.org/MyAcs/Ohio/ProgramsandServices/ohio-college
Offering college students an opportunity to bring cancer awareness to campus through internships. These internships provide the opportunity to be more active within your community and allow you to take part in the fight against cancer. As an intern, you gain the chance to be a part of one of the premier not-for-profit organizations in the country. Internships also present the option for future career development/advancement within the Society.

Church Health Center, Memphis, TN
http://www.churchhealthcenter.org/internships
In this active, faith-based health ministry, students explore their passions and foster their gifts through many different opportunities, both in their professional work and in social and education opportunities offered by different departments within the Church Health Center. Summer application deadline is March 30.

Health Communications Internship Program
https://hcip.nci.nih.gov/hcip/
The HCIP gives highly qualified graduate students and recent graduate degree recipients the opportunity to participate in vital health and science communications projects in one of the many offices that make up the NCI. Interns will select an area of emphasis: health communications or science writing. Six-month and one-year internship terms are offered. Successful health communications applicants have some science background as well as experience and/or education in any of the following areas: public health, epidemiology, public relations, health education, communications, science writing, statistics, social marketing, or journalism.

Summer Undergraduate Research Programs
Listing of dozens of universities offering programs, with web links included. A sample of three such programs in Ohio follows.
https://www.aamc.org/members/great/61052/great_summerlinks.html

University of Cincinnati Summer Programs
http://comdo-wcnlb.uc.edu/MedOneStop/Admissions/SummerEnrichment.aspx
Programs are offered through the PATHWAYS to Health Careers Program at the College of Medicine. Admission to all programs is by application. All participants must be U.S. citizens or permanent residents. Proof of citizenship or green card permanent residence status is required. There is no charge for any of the programs and all provide financial compensation. For further information, please contact the PATHWAYS office at the University of Cincinnati College of Medicine by phone at (513) 558-7212, fax at (513) 558-6259 or e-mail at karen.henry@uc.edu.

Cincinnati Children’s Hospital Medical Center Research
http://www.cincinnatichildrens.org/education/research/surf/default/
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. Deadline: Feb. 15, 2012.

Summer Undergraduate Research in Pharmacology at Case Western Reserve University
http://pharmacology.case.edu/education/surp.aspx
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.
The program begins May 22, 2012 and runs for ten weeks, ending no later than August 3, 2012. Applications completed by February 17th, 2012 will be given preference, and decisions will be made in early March, 2012.

Summer Medical Dental Education Program (SMDEP)
http://www.smdep.org/
Free tuition, housing, and meals six-week summer academic enrichment program that offers freshman and sophomore college students intensive and personalized medical and dental school preparation. Offered at 12 sites nationwide, including Case Western Reserve University in Cleveland, Ohio.

**Summer Premedical Academic Enrichment Program**

SPAEP Level II gives undergraduate juniors and seniors a mentored research experience and exposure to the hospital environment. Level II also helps prepare you for the medical school admissions process by offering training for the MCAT and interview situations. Seven weeks in length and offer housing, meals, travel, and stipends. The application deadline is March 1 of each year.

[http://www.medschool.pitt.edu/spaep/application/](http://www.medschool.pitt.edu/spaep/application/)

**University of Cincinnati College of Medicine**

[http://med.uc.edu/SEP.aspx](http://med.uc.edu/SEP.aspx)

The Summer Surgery Experience (SSE)

Summer Neuroscience Experience (SNE)

Each are 10-day intensive immersion programs for academically talented undergraduate students who are interested in pursuing a career in medicine. These fast-paced programs each include lab practice, operating room observations, shadowing with faculty, case studies, and presentations from University of Cincinnati College of Medicine faculty.

The application for summer programs will be available online January 9, 2012–March 1, 2012. Applicants must complete the online application and submit a single packet of supplementary materials including two letters of recommendation, official college transcripts, and other official forms by March 1, 2012.

**Tri-Institutional Gateways to the Laboratory Summer Program in NYC**

[http://www.med.cornell.edu/mdphd/summerprogram/application.html?name1=Application&type1=2Active](http://www.med.cornell.edu/mdphd/summerprogram/application.html?name1=Application&type1=2Active)

As a means of increasing the pool of qualified URM and disadvantaged applicants to MD-PhD Programs, we invite you to apply to our unique Gateways to the Laboratory Summer Program, for freshman and sophomores who are contemplating pursuing a combined MD-PhD training. This is for the student seriously considering a career as a physician scientist. It is not an appropriate summer program for those students who know they only wish to attend medical school in the future.

**Albert Einstein College of Medicine**


Four programs

Hispanic Center of Excellence Health Opportunities Program, Department of Family and Social Medicine at Montefiore Medical Center Diversity Student Summer Research Opportunity Program

Summer Undergraduate Mentorship Program (Emergency Medicine)

**Summer Undergraduate Research Fellowships in the Pharmaceutical Sciences, Ohio State University**

[http://www.pharmacy.ohio-state.edu/research/undergrad/summer.cfm](http://www.pharmacy.ohio-state.edu/research/undergrad/summer.cfm)

Fellowships are available for undergraduate students who would like to do research work in any of the pharmaceutical sciences for the summer of 2012. The fellowships provide a minimum of $4,000 for a ten-week full-time experience. Research activities can be directed by any faculty member in the College of Pharmacy who is willing to mentor a student for the summer. A description of some of the projects that might be available is found in the Undergraduate Research in Pharmaceutical Sciences section of the College of Pharmacy web site. Additional information can be obtained by personally contacting faculty. Applications can be obtained from our Graduate Program Coordinator in room 217C Parks Hall, 500 West 12th Avenue, (gradprogram@pharmacy.ohio-state.edu) or downloaded from the web. Please list the faculty whose research activities are of interest to you. Application deadline is March 4, 2012.

**Veterinary Externships at Cleveland Zoo**

The Veterinary Division offers an extremely limited number of externships for third and fourth year professional students that are currently enrolled in a College of Veterinary Medicine or currently enrolled in a Veterinary Technician program.


Department of Veteran Affairs – variety of volunteer opportunities

NASA – a variety of research and intern opportunities locally and elsewhere
http://intern.nasa.gov/

National Institutes of Health Summer Internship Program in Biomedical Research (SIP)
https://www.training.nih.gov/programs/sip
Summer programs at the National Institutes of Health (NIH) provide an opportunity to spend a summer working at the NIH side-by-side with some of the leading scientists in the world, in an environment devoted exclusively to biomedical research. The NIH consists of the 240-bed Mark O. Hatfield Clinical Research Center and more than 1200 laboratories/research projects located on the main campus in Bethesda, MD and the surrounding area as well as in Baltimore and Frederick, MD; Research Triangle Park, NC; Phoenix, AZ; Hamilton, MT; Framingham, MA; and Detroit, MI. Awards cover a minimum of eight weeks, with students generally arriving at the NIH in May or June. The NIH Institutes and the Office of Intramural Training & Education sponsor a wide range of summer activities including lectures featuring distinguished NIH investigators, career/professional development workshops, and Summer Poster Day. Application available November – March 1

National Science Foundation (searchable database)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5517&from=fund
NSF funds a large number of research opportunities for undergraduate students through its REU Sites program. An REU Site consists of a group of ten or so undergraduates who work in the research programs of the host institution. Each student is associated with a specific research project, where he/she works closely with the faculty and other researchers. Students are granted stipends and, in many cases, assistance with housing and travel. Undergraduate students supported with NSF funds must be citizens or permanent residents of the United States or its possessions. An REU Site may be at either a US or foreign location. By using the web page, Search for an REU Site, you may examine opportunities in the subject areas supported by various NSF units. Also, you may search by keywords to identify sites in particular research areas or with certain features, such as a particular location.
Students must contact the individual sites for information and application materials. NSF does not have application materials and does not select student participants. A contact person and contact information is listed for each site.

Summer Undergraduate Research Fellowship, OUH College of Medicine, Athens, Ohio
http://www.oucom.ohiou.edu/admissions/surfprog.htm
The Ohio University Heritage College of Osteopathic Medicine provides a wide variety of summer research opportunities for undergraduate students interested in careers in medicine or biomedical research. Participants in this program work in an active research laboratory under the guidance of a faculty member. The program is deliberately flexible, so that students may combine work with other educational experiences. The goal of the program is to expose students to the challenges, excitement and satisfaction of research.

As new programs are announced to Pre-professional Medical Programs, they will be announced via Facebook. Not a friend yet? Become a friend of Preprofessional Coordinator on Facebook.