Health Research/Pre-Health Opportunities

There are many opportunities available for Pre-Med/Pre-Health students to obtain meaningful research and clinical experience over the summer months or as part of gap time. This list is by no means comprehensive, so you should continue searching out there for ones that do not appear here. This list is alphabetical, not divided into any categories, so scroll until you find something that works for you. Many of the links are to the websites of other universities that also post opportunities.

**AAMC M.D.-Ph.D. Summer Undergraduate Research Programs**
These are competitive but excellent programs for undergraduate students.

**AAMC Summer Undergraduate Research Programs**
The Association of American Medical Colleges has a great list here and these programs are spread across the country.

**American Society for Biochemistry and Molecular Biology**
Summer research opportunities in the fields of biochemistry and molecular biology are listed by state.

**Centers for Disease Control and Prevention (CDC) Opportunities for Students and College Graduates**
The CDC has numerous internship, training, and volunteer opportunities for students of all academic disciplines and levels. Many of these opportunities provide invaluable experiences and potentially offer clear cut paths to exciting careers with CDC.

**Children’s Hospital Los Angeles Summer Oncology Research Fellowship**
While the program has traditionally been designed for students who have completed their first year of medical school, highly qualified undergraduates majoring in the health science fields may be considered. Students from diverse or disadvantaged backgrounds are encouraged to apply. Students actively participate in clinical or laboratory research studies during their fellowship, and some have authored or co-authored peer reviewed publications as well as presented their work at major national and international scientific meetings. Many have gone on to academic medical careers.

**Columbia University Medical Opportunities for Pre-Health Students**
This is an excellent list of summer internship programs from across the US.

**Concern America**
Help in refugee aid, public health, nutrition, health education sanitation, and communication organization, need fluency in Spanish.

**Co-op/Internships and Summer Research Opportunities**
This website lists opportunities from the larger Co-op/Internship and Summer Research Opportunities in the Life Sciences website that meet any of the following criteria -
1. biomedical research, 2. located in a medical or clinical setting, 3. located in a medical school or health science center, 4. has "biomedical" as a descriptor, 5. may be of particular interest to pre-med students.

**Emerging Infectious Diseases Laboratory Fellowship Program**
Practical application of technologies, methodologies and practices related to emerging infectious diseases; conduct high priority infectious disease research in public health laboratories.

**Emory University Summer Research Programs & Internships**
This is an excellent database with information on various summer research opportunities (paid and unpaid) and internships at universities and colleges in the U.S.

**Fred Hutchinson Cancer Research Center**
Internships in biomedical research at Fred Hutchinson with the focus of “translating discoveries into cures.”

**GREAT group SURP programs**
The Association of American Medical Colleges (AAMC) Group on Graduate Education, Training and Research (GREAT) maintains a website with links to its members’ summer undergrad research programs (SURPs). These programs allow students to participate in cutting-edge research, and often offer a stipend, room and board, and travel allowance. The applicant pool is competitive and you're encouraged to apply early. Most deadlines for application are in January and February.

**Health Care Careers Enrichment Programs**
Explorehealthcareers.com has an option on their home page to find enrichment programs, many of which are summer programs.

**Institute for Health Metrics and Evaluation: Post-Bachelor Fellowship**
The Post-Bachelor Fellowship is an advanced, structured, and focused didactic program where talented scholars can apply their knowledge and passion to help advance the field of health metrics and accelerate global health progress. The fellowship provides a unique opportunity for recent college graduates with strong quantitative skills to train with faculty and senior researchers on a variety of global health projects. At the intersection of academic research, education, and professional work, the Post-Bachelor Fellowship combines on-the-job mentoring from an illustrious group of professors and researchers with course work and field experience in developing countries.

**International Zoological Expeditions**
Tropical rainforest and marine biological field stations. Broad-based overview of tropical ecosystems in Belize and Guatemala.

**Medical Missionaries Global Health Fellows**
The Medical Missionaries Post-Baccalaureate Fellowship in Global Health offers two recent college graduates planning on entering the health professions the opportunity to
gain experience in health care delivery in a developing country. Fellows spend one year in Thomassique, Haiti, working at St. Joseph’s Clinic, where they act as liaisons between Medical Missionaries—the US-based organization that built and funds the clinic—and the clinic’s all-Haitian staff. The fellowship begins in the summer and ends in the summer of the following year.

**New York City Department of Health and Mental Hygiene Health Research Training Program**

The Health Research Training Program of the New York City Department of Health and Mental Hygiene provides undergraduate, graduate/professional school students the opportunity to experience some of the "real life" challenges of public health. By working on current relevant public health issues under the close supervision of experienced professionals, students apply their classroom learning to practical problems and, in the process, learn critical skills.

**NIH Academy**

NIH Academy is a postbaccalaureate program that provides opportunities for recent college graduates to spend a year engaged in biomedical investigation at NIH. Recent college graduates with a research interest in domestic health disparities.

**NIH Biomedical Research Summer Internship**

The NIH Clinical Center (CC) Summer Internship Program selects 50 students to participate in the Clinical Center's internship experience. At the Clinical Center—the nation's largest hospital devoted entirely to clinical research—students work with mentors who are researchers and health professionals, participate in the NIH Research Poster Festival with results generated by their work in this summer program, and attend weekly lectures presented by NIH investigators. Application deadline is March 1.

**NIH Postbaccalaureate Intramural Research Training Award Program**

Provides opportunities for recent college graduates to spend a year engaged in biomedical research at the NIH.

**NIH Summer Internship Programs in Biomedical Research**

This is an excellent 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.

**Patient-Oriented and Translational Research Option**

This program offers a "hands-on" application of medical research and is open to undergraduates, recent graduates, medical students, PhD and MD/PhD students, and postdoctoral research associates.

**Post-Baccalaureate Certificate in Forensic Investigation**

The program is designed for students with a bachelor's degree who wish to gain competence in the area of forensic investigation. Its aim is to educate personnel whose professional scope and practice interfaces with the criminal justice system. It is
designed to provide police and fire inspectors, emergency service personnel, nurses, social workers and other public health professionals with the competencies essential to the process of forensic investigation. Upon completion of the program graduates will be knowledgeable in the areas of legal/ethical parameters, specimen collection and analysis, forensic anatomy, forensic psychology, the criminal justice system, and the application of photographic/evidence specialties.

**Postbaccalaureate Prehealth Studies**
The Postbaccalaureate PreHealth Certificate Program at New York University is designed primarily for those students who have made the decision to pursue a career in medicine, dentistry or other health professions, but who have not yet taken the basic sciences needed to apply to medical or other health professional schools.

**Sight for All-Ophthalmology Rotation in New Delhi, India**
Rotations offer clinical and public health experience relevant to your level of education (6 months).

**Smithsonian Environmental Research Center**
The Smithsonian Institution offers fellowships for advanced study at SERC at the senior postdoctoral, postdoctoral, predoctoral, and graduate student levels. SERC hosts about 18 fellows annually.

**St. Jude Children's Hospital Pediatric Oncology Education Program**
The Pediatric Oncology Education program at St. Jude Children's Research Hospital is funded by the National Institutes of Health / National Cancer Institute. The POE program offers a unique opportunity for students preparing for careers in the biomedical sciences, medicine, nursing, pharmacy, psychology, or public health to gain biomedical and oncology research experience. The POE program provides a short-term training experience (internship) in either laboratory research or clinical research.

**Summer Medical and Dental Education Programs (SHPEP)**
The AAMC's SHPEP is a free (full tuition, housing, and meals) six-week summer medical and dental school preparatory program that offers eligible students intensive and personalized medical and dental school preparation. The programs include academic enrichment activities, clinical exposure, and other activities. Each of the 11 programs has different entrance criteria and all are interested in first- and second-year college students with a demonstrated interest in issues affecting underserved populations. Applications are competitive and due February 15.

**Technical Intramural Research Training Award**
Aims to produce highly trained research support personnel.

**Tufts University Summer Internship Opportunities Page**
Tufts University has a comprehensive list of internship opportunities for PreMed students on this page.
**Tulane University Pre-Health Summer Internships/Programs**
This is a comprehensive list of summer internships maintained by Tulane University. This list also include optometry opportunities and summer camps.

**Unite For Sight**
All volunteers participating in Unite For Sight's international programs are Global Impact Fellows. They participate daily with local ophthalmologists, local optometrists, and local ophthalmic nurses to eliminate patient barriers to care and to facilitate comprehensive year-round eye care for patients living in extreme poverty. Through hands-on, structured training, volunteers gain a comprehensive understanding about best practice principles in volunteerism, global health, and international development.

**University of Maryland Nathan Schnaper Intern Program in Translational Cancer Research**
The NSIP is a 10-week summer internship for undergraduate students interested in cancer research. The program provides integrated research, educational and clinical experiences that emphasize the translation of laboratory discoveries into clinical applications and inspire the next generation of cancer researchers and physician-scientists.

**Volunteering India**
Volunteering India provides safe, affordable and meaningful volunteer programs in India, offering a variety of programs, internships, and gap year programs in India, where volunteers can choose to work in New Delhi, Palampur/Dharamsala and South India including Bangalore, Mysore and more.

**Volunteering Solutions**
Volunteering Solutions is an organization that provides safe, professional and affordable international volunteering opportunities. Our projects are in the fields of medical internships, childcare, teaching, women empowerment, community development and wildlife conservation programs. We also offer international internships for nursing students and professionals in hospitals, as well as dental elective placements for dental students.

**Zintellect Database of ORAU Opportunities**
The Maryland office of Oak Ridge Associated Universities (ORAU) administers Science, Technology, Engineering and Mathematics (STEM) research participation programs for civilians. Research opportunities include, but are not limited to the following disciplines: Aerospace Engineering, Anthropology, Archeology, Biology, Biochemistry, Biological Engineering, Biomechanical Engineering, Biomedical Engineering, Chemical Engineering, Chemistry, Computer Science, Computer Engineering, Electrical Engineering, Environmental Health Risk Assessment, Environmental Science, Entomology, Epidemiology, Ergonomics, Geology, Health Education, Mechanical Engineering, Materials Science, Mathematics, Nanotechnology, Photonics, Physics, Public Health Economics, Public Health Policy, and more.