

Program Name	Managing Office or Institute/Center	Program Description	Program Type	Targeted Groups
NIH Summer Internship Program (SIP)	Office of Intramural Training and Education (OITE)	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 (At the NIH "biomedical sciences" includes everything from behavioral and social sciences, through biology and chemistry, to physics, mathematical modeling, computational biology, and biostatistics).	Training Award	College, graduate school, and professional (e.g., medical, dental, pharmacy, etc.) school students
High School Scientific Training and Enrichment Program (HiSTEP)	Office of Intramural Training and Education (OITE)	HiSTEP provide opportunities for high school students from schools with a large population of financially-disadvantaged students. We encourage current high school juniors interested in STEM-M (science, technology, engineering, mathematics, and medically-related) fields to apply.	Training Award	High School Students
High School Scientific Training and Enrichment Program 2.0 (HiSTEP 2.0)	Office of Intramural Training and Education (OITE)	HiSTEP 2.0 program provides high school seniors (rising college freshman) who have little or no research experience an opportunity to spend a summer (eight weeks) performing biomedical research. Student will work side-by-side with some of the world's leading scientists on the main NIH Campus in Bethesda, MD. Selected students will be matched with a principal investigator in the NIH Intramural Research Program (IRP) where they will explore the breadth of biomedical, translational and basic science research.	Training Award	High School Seniors
Community College Summer Enrichment Program (CCSEP)	Office of Intramural Training and Education (OITE)	The purpose of this program is to increase the number of community college students who participate in the NIH Summer Internship Program (SIP). The long-term goal is to increase the number of community college students who transfer to four-year colleges and universities and consider careers in the biomedical sciences (At the NIH "biomedical sciences" includes everything from behavioral and social sciences, through biology and chemistry, to physics, mathematical modeling, computational biology, and biostatistics).	Training Award	Community College Students
College Summer Opportunities to Advance Research Program (C-SOAR)	Office of Intramural Training and Education (OITE)	The goal of the program is to encourage a diverse group of individuals to consider careers in the biomedical sciences. In addition to performing full-time research in a laboratory or on a project at the NIH, C-SOAR interns will meet each week as a group with students in the Community College Summer Enrichment Program (CCSEP). Together they will participate in workshops and courses focused on the development of academic and professional skills in preparation for careers in health care and in social, behavioral, and biomedical research.	Training Award	Community College Students interested in advance research

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Amgen Scholars Program at NIH	Office of Intramural Training and Education (OITE)	The Amgen Scholars Program at NIH is a partnership between the Amgen Foundation, the Foundation for the NIH, and the NIH Office of Intramural Training & Education. Amgen Scholars at NIH will spend the summer working at NIH's main campus in Bethesda, Maryland side-by-side with some of the world's leading scientists, in an environment devoted exclusively to biomedical research. During their internships at NIH, scholars will be matched with research mentors in the NIH Intramural Research Program (IRP) where they will be immersed in a culture of translational science and will explore important elements of the basic, translational, and clinical research enterprise.	Training Award	Undergraduate students interested in PhD and combined degree programs in the sciences.
Graduate Summer Opportunity to Advance Research (G-SOAR) Program	Office of Intramural Training and Education (OITE)	G-SOAR students will spend the summer working at the NIH side-by-side with some of the world's leading scientists, in an environment devoted exclusively to biomedical research. During their internships at NIH, scholars perform research with a mentor in the NIH Intramural Research Program (IRP) where they will be immersed in a culture of translational science and will explore important elements of the basic, translational and clinical research enterprise.	Training Award	PhD Students
Graduate Data Science Summer Program (GDSSP)	Office of Intramural Training and Education (OITE) and NIH Office of Data Science Strategy	GDSSP program is a partnership between the NIH Office of Intramural Training & Education and the newly formed Office of Data Science Strategy. GDSSP students will spend the summer at the NIH learning how to use their computational skills to help answer critical biomedical research questions that can have significant societal impact.	Training Award	Recently matriculated masters students enrolled in a data science or computer science degree program,
Biomedical Engineering Summer Internship Program (BESIP)	National Institute of Biomedical Imaging and Bioengineering (NIBIB)	The internship will allow rising senior bioengineering students to participate in cutting-edge biomedical research projects under the mentorship of world-class scientists in NIH laboratories in Bethesda, MD.	Training Award	Undergraduate biomedical engineering students who have completed their junior year of college
NINR-Summer Genetics Institute (NINR-SGI)	National Institute of Nursing Research (NINR)	The Summer Genetics Institute (SGI) is a tuition-free one-month intensive research training program at the National Institutes of Health (NIH) in Bethesda, MD. The program seeks to increase the research capability among graduate students and faculty and to develop and expand clinical practice in genetics among clinicians.	Training Award	Nursing graduate students, faculty, and clinicians
Post baccalaureate Intramural Research Training Award Program (IRTA)	Office of Intramural Training and Education (OITE)	The NIH Postbac Intramural Research Training Award (IRTA) program and the Cancer Research Training Award (CRTA), in the National Cancer Institute provides recent college graduates who are planning to apply to graduate or professional school an opportunity to spend one or two years performing full-time research at the NIH.	Training Award	Undergraduate, Post-Baccalaureate and Graduates (see detailed eligibility requirements).
Undergraduate Scholarship Program (UGSP)	Office of Intramural Training and Education (OITE)	The National Institutes of Health (NIH) Undergraduate Scholarship Program (UGSP) offers competitive scholarships to students from disadvantaged backgrounds who are committed to careers in biomedical, behavioral, and social science health-related research.	Scholarship and Training Award	Undergraduate Students

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Graduate Partnership Program (GPP)	Office of Intramural Training and Education (OITE)	Program brings PhD graduate students to the NIH Intramural Research Program for dissertation research. Program focuses on training the next generation of scientific leaders by emphasizing communication and collaboration skills, integration of information, and interdisciplinary investigation.	Training Award	PhD Students
NIH Pathways Internship Program	Office of Human Resources (OHR)	The Pathways Internship Program will give students the opportunity to join NIH in gaining valuable experience in temporary or indefinite positions. Participants must complete at least 640 hours of career-related work before completion of or concurrently with the course requirements. NIH may waive up to 320 of the required 640 hours of work for Interns who demonstrate high potential as evidenced by outstanding academic achievement and exceptional job performance.	Entry Level Employment/Internship	For students enrolled or planning on enrolling in the current or upcoming semester in an accredited, High school, Associate's, Bachelor's, Master's, Professional Doctorate,, Vocational/technical, Certificate (must be equivalent to post-secondary level education and at least one academic year of full-time study).
NIH Pathways Recent Graduates Program	Office of Human Resources (OHR)	The Recent Graduates Program affords developmental experiences in the federal government intended to promote possible careers in the civil service to individuals who have recently graduated from qualifying educational institutions or programs.	Entry Level Employment	Recent graduates who completed, within the previous *two years, a qualifying degree or certificate from a qualifying institution (Associate's, Bachelor's, Master's Professional Doctorate, Vocational/Technical degree, Certificate (must be equivalent to post-secondary level education and at least one academic year of full-time study). *Veterans unable to apply within two years of receiving their degree due to a military service obligation have up to six years to apply after degree completion.
NIH Pathways Presidential Management Fellows (PMF) Program	Office of Personnel Management (OPM) and NIH Office of Human Resources	The Presidential Management Fellows (PMF) program is a flagship leadership development program. The National Institutes of Health (NIH) has participated in the PMF program since 1985. We pride ourselves on offering interesting, challenging, and flexible opportunities for all fellows.	Entry Level Employment	Eligibility is based on completion of advanced degree. See program link for details.
Recruitment & Training Program for Under-represented Populations (RTURP)	National Institute on Drug Abuse (NIDA)	The Recruitment & Training Program for Under-Represented Populations is an intramural program that provides paid training opportunities for students who are interested in the scientific basis of drug abuse.	Training Award	High School, Undergraduate, Post-Baccalaureate, and Graduate Students

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<u>Diversity in Vision Research and Ophthalmology (DIVRO)</u>	National Eye Institute (NEI)	The DIVRO program offers each participant the opportunity to work closely with leading research scientists in the Division of Intramural Research and provides hands-on training in a research environment that will prepare them to continue their studies and advance their careers in basic and clinical research. Interns typically work 8-12 weeks at the NIH campus in Bethesda, MD or at the Twinbrook facility at Fishers Lane in Rockville, MD. Internships may begin between mid-May and the beginning of July. They will also attend seminars and workshops hosted by the NEI and by the NIH Office of Intramural Training and Education (OITE). Students are provided a monthly stipend that is commensurate with experience and qualifications.	Training Award	High School, Undergraduate, Post-Baccalaureate, and Graduate Students
<u>Intramural NIAID Research Opportunities (INRO)</u>	National Institute of Allergy and Infectious Diseases (NIAID)	Intramural NIAID Research Opportunities (INRO) promotes biomedical research training opportunities in allergic, immunologic, or infectious diseases. Applicants for INRO should be talented senior-level undergraduate students, those who have recently completed a master's degree, or those who are in their final year of a master's degree program. Individuals from underrepresented populations and/or disadvantaged backgrounds are strongly encouraged to apply.	Training Award	High School, Undergraduate, Post-Baccalaureate, and Graduate Students
<u>Biomedical Engineering Summer Internship Program (BESIP)</u>	National Institute of Biomedical Imaging and Bioengineering (NIBIB)	The NIBIB sponsored Biomedical Engineering Summer Internship (BESIP) is for undergraduate biomedical engineering students who have completed their junior year of college. The 10-week program, under the guidance of Dr. Robert Lutz, BESIP Program Director, is scheduled from June 3, 2019 to August 9, 2019. The internship will allow rising senior bioengineering students to participate in cutting-edge biomedical research projects under the mentorship of world-class scientists in NIH laboratories in Bethesda, MD.	Training Award	Undergrad/Completed junior year of college
<u>Cancer Research Interns Summer Program (CRI)</u>	National Cancer Institute (NCI)	This internship is an initial training opportunity for students with cancer-related research interests.	Training Award	Students - High School to Graduate Level
<u>Diversity Summer Research Training Program (DSRTP)</u>	National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)	The NIDDK DSRTP provides an independent summer research experience at NIH laboratories to undergraduate students interested in research careers.	Training Award	Undergraduate Students
<u>Short-Term Education Program for Underrepresented Persons (STEP-UP)</u>	National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)	The STEP-UP Program provides hands-on summer research experience for high school and undergraduate students interested in exploring research careers. Research is conducted at coordinating centers, also can be conducted at colleges or universities, hospitals, departments of public health, private research institutions.	Training Award	High School and Undergraduate

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NIEHS Scholars Connect Program (NSCP)	National Institute of Environmental Health Science (NIEHS)	The NIEHS Scholars Connect Program (NSCP) is designed to provide a unique opportunity for highly motivated science, technology, engineering, and math (STEM) focused undergraduate students to solidly connect with NIEHS and receive frontier-level training in biomedical research.	Training Award	Undergraduate Students in STEM (Science, Technology, Engineering, Mathematics) Rising Juniors or Seniors
Clinical and Translational Research Training Programs	NIH Clinical Center (CC)	The NIH Clinical Center offers training to help prepare the next generation of translational and clinician scientists.	Programs include summer internships, post baccalaureate fellowships, clinical elective rotations, medical student research programs, graduate medical education, and continuing medical education.	High school, college, graduate programs, and health professional schools including nursing and medicine.
Medical Research Scholars Program (MRSP)	NIH Clinical Center (CC)	The National Institutes of Health (NIH) Medical Research Scholars Program (MRSP) is a comprehensive, year-long research enrichment program designed to attract the most creative, research-oriented medical, dental, and veterinary students to the intramural campus of the NIH in Bethesda, Maryland.	Training Award	Students enrolled in their 2nd, 3rd, or 4th year at an accredited medical, dental, or veterinary program.
NIH Clinical Center's Clinical Electives Program	NIH Clinical Center (CC)	The NIH Clinical Center's Clinical Electives Program offers short term, 4- to 12-week clinically oriented rotations to both national and international, senior medical and dental students. In addition to the clinically oriented elective rotations, unique mentored specialty/subspecialty clinical research rotations are also available for combined program students (i.e., MD/PhD, DO/PhD). Please see link for additional information.	Training Award	Medical or Dental School Students (see program link for details)
NCI Summer Internship Programs	National Cancer Institute (NCI)	Several programs at NCI established to support the next generation of cancer researchers	Training Award	High School, Undergraduate, Post-Baccalaureate, and Graduate Students
Summer Internship Program in Biomedical Research (SIPBR) For Veterinary Medical Students	National Cancer Institute (NCI), the National Institute of Allergy and Infectious Diseases (NIAID), the National Institute for Neurological Disorders and Stroke (NINDS), and the National - Heart, Lung, and Blood Institute (NHLBI) in addition to enrichment activities with partner agencies.	This training opportunity, which is a part of the NIH Summer Internship Program, is designed to provide 8+ weeks hands-on laboratory research experience for pre-doctoral veterinary medical students interested in biomedical research. Veterinary Externship rotations in comparative pathology and/or research may be arranged at any time of the year, depending on program ability to accommodate.	Training Award	Enrolled in veterinary medical college professional degree program (see program link for details).
NIH Comparative Biomedical Scientist Training Program (CBSTP) Combine Pathology and Research Training	Led by NCI, this training is offered through a consortium of 5 Universities and 4 NIH Institutes (see program information for details).	A comparative molecular pathology training program for doctors of veterinary medicine, incorporating veterinary medicine and pathology with training in human biomedical research.	Training Award	Students seeking doctoral degrees in veterinary medicine, who intend to seek advanced training in pathology and research (see program link for details).

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Introduction to Cancer Research Careers (ICRC)	National Cancer Institute (NCI)	The NCI ICRC program gives highly qualified students and recent graduates the chance to participate in cancer research at the NCI. Selected candidates will interview with NCI Principal Investigators and potentially experience an internship in an NCI research lab or office.	Training Award	Undergraduate, Post-Baccalaureate, Graduate, and Recent Graduate Students
Werner H. Kristen Student Intern Program (WHK SIP)	National Cancer Institute (NCI)	The Werner H. Kristen Student Intern Program (WHK SIP) at the National Cancer Institute at Frederick is designed to expose high school seniors to research and administrative management in a health care environment. The scientific interns experience the basic methods of biomedical research through "hands-on" laboratory training. The students in the Internships in Support of Science/Research are assigned projects in budget, personnel, information technology, graphics and media.	Training Award	High School Seniors
Summer Research Program for Selected Dental Students	National Institute of Dental and Craniofacial Research (NIDCR)	The NIDCR Summer Dental Student Award is designed to give talented dental students hands-on research experience and exposure to the latest advances in oral health research.	Training Award	Dental Students
Scientific Summer Student Program	National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)	The summer program at the NIAMS is a stimulating and rewarding experience that provides an opportunity for you to work side-by-side with some of the leading scientists in the world, in an environment devoted exclusively to biomedical research.	Training Award	High School, Undergraduate, Post-Baccalaureate, and Graduate Students