



Biomedical Engineering and Scientific

Biomedical Engineering Internships

Many internship and research opportunities are available in the area of biomedical engineering in a wide variety of fields. Biomedical engineering is a broad category encompassing internships related to bioinstrumentation, biomechanics, biomaterials, systems physiology, clinical engineering, and rehabilitation engineering. This brief guide will get you started on your search.

Directories for Finding Internships

RIT Biomedical Internship/Co-op

Directory <http://people.rit.edu/gtfsbi/Symp/bme.htm>

Biomedical Engineering Society

<http://www.bmes.org/>

Biotechnology Industry Organization

<http://www.bio.org>

Johns Hopkins University Expertise

<https://jhu.pure.elsevier.com/>

Selected Biomedical Engineering Internships

National Institute of Health Summer Internship	https://www.training.nih.gov/programs/sip
Summer Biomedical Training Program	www.umbc.edu/meyerhoff/summerbio/
FDA Medical Device Fellowship Program	http://www.fda.gov/AboutFDA/WorkingatFDA/FellowshipInternshipGraduateFacultyPrograms/MedicalDeviceFellowshipProgramCDRH/default.htm
Summer Internship Program in Biomedical Research	http://www.genome.gov/page.cfm?pageID=10000218

Scientific Research Internships

The other, broader areas of medical and scientific internships are research internships. Unlike patient care internships, many research internships are paid internships. Scientific research internships can be found at most colleges, medical schools, research hospitals, government agencies, and in research companies. Aside from the numerous research opportunities offered at Hopkins (both at Homewood & the Johns Hopkins Medicine), one of the best places to search for a medical research internship is at the National Institute of Health (NIH) and the US Department of Health & Human Services. Both of these have great internship programs in place for undergraduate students.

Directories for Finding Internships

National Science Foundation Research Experiences for Undergraduates (REU),

http://www.nsf.gov/crssprgm/reu/reu_search.cfm

National Institute of Health (NIH), <http://www.jobs.nih.gov/vacancies/student/default.htm>

US Department of Health & Human Services, <http://www.hhs.gov/careers/pathways/students/>

Co-Op/Internship Opportunities for Scientific Research in Various Fields,

<http://people.rit.edu/~gtfsbi/Symp/summer.htm>

Selected Scientific Research Internships

IREU Summer Research Opportunities	http://www.acs.org/content/acs/en/education/students/college/experienceopp.html
RISE Program	http://www.daad.de/rise/en/
Naval Research Laboratory Student Program	http://www.onr.navy.mil/Education-Outreach/undergraduate-graduate/NREIP-naval-internship.aspx
Oak Ridge Institute for Science and Education	http://see.ornl.gov/Default.aspx
NOAA Student Intern Research Program	http://www.oesd.noaa.gov/internships_opps.html
U.S. Department of Energy Summer Undergraduate Laboratory Internship	http://science.energy.gov/wdts/suli/
Resources for the Future Internship	http://www.rff.org/about_rff/pages/summerinternshipprogram.aspx
SERC Internship Program in Environmental Studies	http://www.serc.si.edu/pro_training/internships/internships.aspx
Smithsonian Institute Minority Internship Awards	http://www.si.edu/researchstudy/Applications/MIP/MIPapp.htm
Horticulture Internship	http://gardens.si.edu/get-involved/internships.html
Space Policy Internships	http://sites.nationalacademies.org/SSB/ssb_052239

Army Public Health Command (USAPHC) Research Participation Program	http://see.orau.org/ProgramDescription.aspx?Program=10081
Edgewood Chemical Biological Center (ECBC), U.S. Army RDECOM Research Participation Program	http://see.orau.org/ProgramDescription.aspx?Program=10082
U.S. Defense Intelligence Agency Summer Internship Program	http://www.dia.mil/Careers/Students/SummerInternBulletin.aspx
EPA Research Internships	http://www.epa.gov/careers/internships/
Cold Spring Harbor Summer Undergraduate Research Program	http://www.cshl.edu/URP/
MIT Summer Research Program	http://odge.mit.edu/undergraduate/msrp/
Pasteur Foundation Summer Internship	http://www.pasteurfoundation.org/scientific-careers/summer-internship
Pfizer Summer Internships	http://www.amcp.org/amcp-foundation/internship/pfizer-summer/
AAAS Access Internship Program	http://ehrweb.aaas.org/entrypoint/?CFID=5842579&CFTOKEN=81417652
NYU Summer Research Program	http://www.cns.nyu.edu/undergrad/surp/
UMD Summer Neuroscience Research Internship	https://nacs.umd.edu/landing/Students
American Physiological Society Undergraduate Summer Research Fellowships	http://www.the-aps.org/mm/Education/Undergraduate/Educational-Projects/UGSRFs.aspx
American Society for Microbiology Undergraduate Research Fellowship	http://www.asm.org/index.php/component/content/article/114-unknown/unknown/6459-asm-s-undergraduate-research-fellowship-urf
Summer Undergraduate Research Fellow (SURF) Awards	http://www.aspet.org/awards/SURF/
Association for Women in Science Internship	http://www.awis.org/displaycommon.cfm?an=1&subarticlenbr=473
Center for Science in the Public Interest Internship Program	http://cspinet.org/about/jobs/200801042.html
Chesapeake Bay Maritime Museum Internships	http://www.cbmm.org/ab_employment.htm
Environmental Law Research Intern	http://www.eli.org/About/employment/research_intern.cfm
FBI Honors Internship Program	http://www.fbijobs.gov/231.asp
Barbara Jordan Health Policy Scholars Program	http://kff.org/about-the-barbara-jordan-health-policy-scholars-program/
Craig Venter Internship Program	http://www.icvi.org/cms/education/internship-program/

NASA Student Research Program	http://usrp.usra.edu/
National Arboretum Internships	http://www.usna.usda.gov/Education/intern.html
National Cancer Institute Student Programs	http://web.ncifcrf.gov/Programs/Student/
Integrative Cancer Biology Program	http://icbp.nci.nih.gov/education-and-outreach/summer
National Council for Science and the Environment Internship	https://www.ncseglobal.org/work
NIH Summer Internship Program	https://www.training.nih.gov/trainees/summer_interns
Summer Program in the Neurological Sciences	http://www.ninds.nih.gov/jobs_and_training/summer/
Cancer Research Summer Intern Program	http://cf.umaryland.edu/oce/program_review_school.cfm?ID=435
National Museum of Natural History Research Training Program	http://www.mnh.si.edu/getinvolved/participate_learn.htm
Summer Undergraduate Research Fellowship Program (SURF) at UT Southwestern	http://www.utsouthwestern.edu/utsw/home/education/surf/index.html
Quantitative and Physical Sciences-Summer Undergraduate Research Fellowship Program (QP-SURF)	http://www.utsouthwestern.edu/utsw/cda/dept21010/files/234276.htm
Exxon Mobile Community Summer Jobs Program	http://careers.exxonmobil.com/
Foundation for Sustainable Development Internship	http://www.fsdinternational.org
DAAD Research Internships in Science and Engineering (Abroad Opportunity)	http://www.daad.de/rise/en