Summer Research Opportunities at MSU

- MSU opportunities
  - MSU Plant Genomics
  - Kellogg Biological Station (KBS) Undergraduate Research Apprenticeship (URA)
  - MSU IGEM (International Genetically Engineered Machine Competition) Team
    - Contact Dr. Michaela TerAvest teraves2@msu.edu
  - MSU Pharmacology Undergraduate Summer Research Fellowship (SURF)
  - MSU Cross-Disciplinary Training in Sustainable Chemistry and Chemical Processes
  - For underrepresented and underserved students in science
    - MSU Research Education Program to Promote Diversity (REPID)
    - MSU Undergraduate Student Summer Research Program in Biomedical Sciences (BRUSH)
    - MSU Summer Research Opportunities Program (SROP)

Summer Research Opportunities in Michigan

- Van Andel Institute Summer Internship Program (international students eligible)
- University of Michigan Summer Research Opportunities
- Wayne State University Summer Undergraduate Research Fellowships and Experience (SURF and SURE)
  - SURF Physiology (graduating seniors may apply)
  - SURF Cancer Biology
  - SURF Molecular Medicine & Genetics
  - Molecular Biology and Biochemistry
- Grand Valley State University: QUantitative Environmental Science and Technology (REU-QUEST)
- Hope College: Summer Hope Academic Research Program (SHARP)

Internship and Summer Research Searches

- MSU Sites
  - MSU Handshake
  - MSU Venture: Database of Research Opportunities for Undergrads (Click on Categories)
  - Summer Opportunities from MSU Undergraduate Research (includes some of the other links)
  - Summer Research & Internships for PreProf Students
  - Kellogg Biological Station Summer Internships
- National Science Foundation Research Experiences for Undergraduates (REU)
- Pathways to Science Undergraduate Page
- Agricultural Careers (Go to Advanced Search on top right. Choose Industry Types and/or Career Types of interest and type “internship” in the “Exact Phrase” box)
- AAMC (American Assn of Medical Colleges) Summer Undergraduate Research Programs
- Rochester Institute of Technology Summer Research List for Bioinformatics, Genomics & Proteomics Positions
- BioPharmGuy Internship list

Research Funding Opportunities (if you already have a research mentor)

- MSU College of Natural Science Undergraduate Research Awards
- MSU Lyman Briggs College Undergraduate Research Awards
- MSU Department of Biochemistry Undergraduate Awards (application available each fall semester)
- American Society of Plant Biologists (ASPB) Summer Undergraduate Research Fellowships (SURF) (research mentor must be a member of ASPB)
- American Society of Microbiologists (ASM) Undergraduate Research Fellowship (URF) Program (student and research mentor must be members of ASM)
Research Programs at Institutions and Universities

- ORISE Fellows through the Centers for Disease Control and Prevention
- NIH Summer Internship Program (SIP) in Biomedical Research
  - National Cancer Institute - Division of Cancer Epidemiology and Genetics (part of SIP program above)
  - Other Summer Programs @ the NIH
- Oak Ridge Institution - Internships, Fellowships, and Scholarships
- National Institute of Standards and Technology (NIST) Summer Undergraduate Research Fellowship (SURF)
- SENS Research Institute - SRF Summer Scholars in Regenerative Medicine (international students eligible)
- University of Texas – Southwestern Medical Center Summer Undergraduate Research Fellowship (SURF) (international students on F1 visa eligible)
- Lloyd Noble Scholars in Plant Science (open to international students)
- Archbold Biological Station Internship Program (6-12 months, undergraduate and postbachelors)
- Centers for Disease Control Collegiate Leaders in Environmental Health (CLEH)
- Amgen Scholars (programs in US and Japan – Japan programs open to international students)
- Smithsonian Summer Internships
- Cold Spring Harbor Lab Undergraduate Research Program (URP) (international students eligible)
- Washington University in St. Louis Public Health Summer Research Program (international students eligible)
- Gerstner Sloan Kettering Graduate School of Biomedical Sciences Summer Undergraduate Research Program (SURP) (international students eligible)
- University of Montana Center for Environmental Health Sciences Summer Undergraduate Research (SURP)
- Scripps Research Institute Summer Undergraduate Research Fellows (SURF) (international students eligible)
- Novartis Scientific Summer Scholars Program (international students eligible)
- Summer Research Program in Life Sciences and Technology at the Ecole Polytechnique Fédérale de Lausanne (EPFL) - Switzerland (open to international students)
- Division of Forensics Science with the Illinois State Police (Info on forensics internship on pg. 10 of the PDF file)
- Okinawa Institute of Science and Technology Graduate University (OIST) Research Internships – 2-6 months, apply 6 mths in advance, also open to recent graduates (international students eligible)
- Mt. Cuba Center Internships (also post-bachelors programs)

Internships in Industry

- Covance Internship Placements
- Dow AgroSciences Summer Internships
- Zoetis Opportunities for Students
- Amway Internships
- AbbVie
- Pfizer Summer Student Worker Program – R&D/Science
- Cargill Internships (interview at MSU Science Career Fair each fall semester)
- Amgen Internships
- Genentech Internships
- Abbott Labs
- Bio-Rad internships

Ecology and Environmental Opportunities Search

- Join the ECOLOGY-L listserv (lots of email messages, so you may want to filter messages into a mailbox folder)
- Internships with Michigan Dept of Natural Resources and Dept of Environmental Quality (unpaid) – summer and school year
- Student Conservation Association
- Texas A & M Department of Wildlife and Fisheries Sciences Job Board
- Society for Conservation Biology Job Board
- American Public Garden Association Career Center
• Orion Magazine Jobs List
• Botanical Society of America Jobs
• North American Association for Environmental Education Jobs
• Environmental Career Opportunities
• Next Generation Careers – Innovation in Environmental Biology – List of job sites

Opportunities for Underrepresented Students in Science
• Summer Medical & Dental Education Program – multiple universities (freshmen and sophomores)
• U-M Summer Undergraduate Research Training (UM-SMART)
• Kettering University’s Research Experiences for Undergraduates (UPIR-REU)
• Big Ten Alliance Summer Research Opportunities Program (SROP)
• Minority Health and Health Disparities International Research Training (MHIRT) - international research opportunities in Ghana, Peru, Taiwan, Mexico and Uganda:
  • International Exchange Program for Minority Students (also open to recent graduates)
  • Travelers Summer Research Fellowship Program
• National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) Diversity Summer Research Training Program (DSRTP) for Undergraduate Students
• Summer Research Opportunities List (compiled by Macalester College)