Biological Science Internships/Research Opportunities, 2018
List compiled by Kendra Pyle, Michigan State University

Summer Research Opportunities at MSU
- 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 or 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)
  - Great Lakes Bioenergy Research Center Summer Undergraduate Research Program

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, also have postbachelor program)
- **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 postbachelor)
- **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**
- **Medical College of Wisconsin Summer Program for Undergraduate Research** (international students eligible)
- **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, also have postbachelor program)
- **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-bachelor programs)

Internships in Industry

- **Covance Internship Placements**
- **Corteva AgroScience Summer Internships (created from Dupont and Dow merger)**
- **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, managed by the **Ecological Society of America (ESA)**. New subscribers need create a web account (see link on website). You will get a lot 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**
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)