

# Biological Science Internships/Research Opportunities, 2018

List compiled by Kendra Pyle Kanaboshi, Michigan State University

## Summer Research Opportunities at MSU

- MSU opportunities
  - [MSU Plant Genomics](#)
  - [Kellogg Biological Station \(KBS\) Undergraduate Research Apprenticeship \(URA\)](#)
  - [MSU IGEN \(International Genetically Engineered Machine Competition\) Team](#)
    - Contact Dr. Michaela TerAvest [teraves2@msu.edu](mailto: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](#)
  - [SURP 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 listserve](#) (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)