

SUMMER 2017 SCIENCE

OPPORTUNITIES FOR STUDENTS

OPPORTUNITY OF A LIFETIME:

By far, the most exciting science happening this summer is the Great American Eclipse on August 21! There is a wealth of information out there on this with much more that will continue to be produced between now and the event, but some excellent sources are:

<https://www.greatamericaneclipse.com/>

Various citizen science links: <https://eclipse2017.nasa.gov/citizen-science>

Live Stream: <https://eclipse2017.nasa.gov/eclipse-live-stream>

California Academy of Sciences iNaturalist app: <https://www.calacademy.org/citizen-science/solar-eclipse-2017>

RESIDENTIAL CAMPS:

University of Michigan <http://www.lsa.umich.edu/wise/students/precollegestudents>

Michigan State <http://www.egr.msu.edu/future-engineer/programs>

Michigan Tech <http://www.syp.mtu.edu>

Purdue University - Indiana http://www.geri.education.purdue.edu/youth_programs/index.html

LeHigh University – Pennsylvania <http://go.activecalendar.com/lehighu/event/summer-choices-2014-124-lehigh-engineering-1/>

Brown University – Rhode Island <http://www.brown.edu/ce/pre-college/spark/>

Clemson University South Carolina <http://www.clemson.edu/summer/summer-science/>

University of Maryland <http://www.eng.umd.edu/k12/summer-programs>

Oregon State University http://precollege.oregonstate.edu/middle_school

Lipscomb University – Nashville <http://www.lipscomb.edu/summerprograms/Summer-Programs-and-Camps>

Ramapo College New Jersey <http://www.ramapo.edu/cipl/youth/academic-camp.html>

Colorado School of Mines <http://students.csmspace.com/>

Miscellaneous Listing of Summer Camps around Michigan: <http://www.camppage.com/michigan.htm>

LOCAL/DAY TRIPS:

Oakland Schools/Oakland University

<https://ostconline.com/Future/Documents/MS%20STEM%20Flyer%20final.pdf>

Wayne State University

http://www.cs.wayne.edu/index.php?option=com_content&task=section&id=21&Itemid=64

Oakland University

<http://www.oakland.edu/nursing/RNatOU/>

<http://www.gencyber-ou.org>

Michigan Science Center

<http://www.mi-sci.org/visit/family-groups/camps/>

The Robot Garage

<http://therobotgarage.com/>

Troy Continuing Education: Academic Success classes and Youth Enrichment (click on “classes”, “youth enrichment”)

<http://troyceonline.com>

Smith Middle School Green Team Garden

Our volunteer gardeners will be at school often over the summer to water, weed, and maintain the garden. If your child is interested in participating, send me an [email!](#) We all look forward to connecting with nature, digging in the dirt, and having the occasional party with produce!

<http://mccormickscience7.weebly.com/smith-green-team.html>

FOR THE WHOLE FAMILY:

Ann Arbor Hands-On Science Museum

<http://aahom.org>

Cleveland – Great Lakes Science Center

<http://www.greatscience.com/>

Detroit Zoo & Belle Isle Zoo/Aquarium (click on “education”)

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

Belle Isle Aquarium

<https://www.belleisleconservancy.org/education>

Cranbrook Institute of Science

<https://science.cranbrook.edu/explore/programs/summer-camp-2017>

Michigan Sea Life Aquarium at Great Lakes Crossing

<https://www.visitsealife.com/michigan/>

Matthaei Botanical Gardens, Ann Arbor

<http://www.lsa.umich.edu/mbg/>

Imagination Station in Toledo

<http://www.imaginationstationtoledo.org/workshops-camps/summer-camp>

Discover The Forest

<http://discovertheforest.org/>

FURTHER AFIELD:

Chicago: Consider taking the train for a greater adventure!

Field Museum <http://fieldmuseum.org/>

Shedd Aquarium <http://www.sheddaquarium.org/>

Adler Planetarium <http://www.adlerplanetarium.org/>

Museum of Science and Industry <http://www.msichicago.org/>

Ontario Science Centre, Toronto

<http://www.ontariosciencecentre.ca/>

One of the best science centers I've seen!

Ripley's Aquarium, Toronto

<https://www.ripleyaquariums.com/canada/>

Space Camp

<http://www.spacecamp.com/>

ONLINE RESOURCES:

Lots of projects for home and a link to their own search page to locate a summer science camp!

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

Great website helping girls to explore engineering!

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

Rice University has several ways to explore careers in science on-line.

<http://webadventures.rice.edu/stu/>

Happy Exploring!

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