
REU SITES IN MATHEMATICAL SCIENCES

This list contains a few of the REU's where students will have the opportunity to work during the summer on a specific research project along with other students. The student will also receive a stipend for he/she/they participation in the REU. Some of these research experiences cover food and travel expenses. (Revised: April 2022)

For women and minorities:

Algebra, Combinatorics, and Statistics

<https://www.math.txstate.edu/research-conferences/summerreu.html>

Iowa State University Mathematics REU

<https://reu.math.iastate.edu>

Mathematics REU at UConn

<https://mathreu.uconn.edu/apply/#>

Mathematical Sciences Research Institute - Undergraduate Program

<https://www.msri.org/web/msri/education/for-undergraduates/msri-up>

National Research Experiences for Undergraduates Program in the Mathematical Sciences

<https://www.maa.org/programs-and-communities/outreach-initiatives/nreup>

Statistical Models with Applications to Geoscience

<https://research.fit.edu/smag-reu/>

Summer Undergraduate Applied Mathematics Institute

<https://www.cmu.edu/math/undergrad/suami/index.html>

The SUMRY REU at Yale University

<https://sumry.yale.edu>

Tiling Theory, Knot Theory, Optimization, Matrix Analysis, and Image Reconstruction

<https://reuwb.wordpress.com>

For freshman and sophomore students, or students with no research experience:

Algebra and Number Theory at the University of Virginia

<https://uva.theopenscholar.com/reu/program>

Emerging Scholars Research Experience for Undergraduates

<http://faculty.smcm.edu/sganzell/reu/>

MathILy-EST

<http://www.mathily.org/mathilyest/>

REU in Discrete and Applied Mathematics

<https://lbc.msu.edu/about/suriem.html>

RTG/REU: Coding Theory, Cryptography, and Number Theory

<https://www.math.clemson.edu/ccnt/undergraduate/reu/>

Summer Undergraduate Mathematics Research

<https://www.math.ksu.edu/research/reu/>

Visiting and Early Research Scholars' Experiences in Mathematics (VERSEIM-REU)

<https://sites.tufts.edu/verseimreu/>

Youngstown State University Beginning Undergraduates Mathematical Research Preparation

<https://ysu.edu/ysu-bump>

Other (some of these REU SITES encourage the application of minority groups):

altREU: Computational Modeling Serving Your Community

<https://teuscher-lab.com/altreu/>

(AM)² - ASU / MCCC Applied Mathematics REU

<https://math.asu.edu/AM2REU>

Applied Math Research Program for Undergraduates at FIU (AMRPU)

<https://case.fiu.edu/mathstat/opportunities/amrpu/index.html>

Central Convergence Research Experiences for Undergraduates (CC-REU)

<https://www.cwu.edu/reu/CCREU>

CSAFE REU at Iowa State University

<https://forensicstats.org/reu>

DIMACS REU Program

<http://reu.dimacs.rutgers.edu>

Directed Research for Undergraduates in Math and Statistics (DRUMS)

<https://math.sciences.ncsu.edu/undergraduate/drums/>

Discrete and Continuous Analysis in Appalachia

<http://tomcuchta.com/DCAA/>

Extremal Graph Theory and Dynamical Systems at RIT

https://people.rit.edu/~dansma/index_files/NSFREU.htm

Georgia Institute of Technology Mathematics Research Experiences for Undergraduates

<https://math.gatech.edu/undergraduate-research>

GVSU REU

<https://www.gvsu.edu/mathreu/>

Investigations in Geometry and Knot Theory

<https://www.csusb.edu/mathematics/undergraduate/undergraduate-research>

Ithaca College REU in Dynamical Systems

<https://www.ithaca.edu/academics/school-humanities-and-sciences/mathematics/nsf-reu-dynamical-systems-ic>

IUPUI REU Program in mathematics with applications to medicine, neuroscience, and engineering

<http://math.iupui.edu/reu>

Mathematical Analysis and Applications

<https://sites.google.com/a/umich.edu/math-reu/>

Mathematical Biology Team Science (MBioTS) Research for Undergraduates (REU) Program at Clarkson University

<https://www.clarkson.edu/mbiots-research-experience-undergraduates-reu>

Mathematics Research for Undergraduates at James Madison University

<https://www.jmu.edu/mathstat/reu/index.shtml>

Mathematics Research in Charlotte (MRC)

<https://pages.charlotte.edu/mathresearch/>

New York City Discrete Mathematics REU

<https://geometrynyc.wixsite.com/home/combinatorics-reu>

Polymath Jr.

<https://geometrynyc.wixsite.com/polymathreu>

Pure and Applied Mathematics at UC Davis

<https://reu.math.ucdavis.edu>

Research Experience for Undergraduates in Algebra and Discrete Mathematics at Auburn University

<https://cws.auburn.edu/apspi/pm/mathreu>

Research Experiences for Undergraduates in Mathematics at Indiana University

<https://math.indiana.edu/undergraduate/reu-summer-research-program/>

Research Experience for Undergraduates (REU) at the Einstein Institute

<https://mathematics.huji.ac.il/research-experience-undergraduates-reu-einstein-institute>

Research in Industrial Projects for Students (RIPS)

<http://www.ipam.ucla.edu/programs/student-research-programs/research-in-industrial-projects-for-students-rips-2022/>

Research Projects in Data-Enabled Industrial Mathematics

<http://reudeim.com>

REU/RTG: Modeling and Computations for Complex Systems at Southern Methodist University

<https://www.smu.edu/Dedman/Academics/Departments/Math/Research/SMU-RTG/2022-Summer-Program>

RTG: Dynamics, Probability, and Partial Differential Equations in Pure and Applied Mathematics

<https://math.cornell.edu/undergraduate-research>

SPIRAL and SPATIAL-Stats

<https://www.spatialreu.org>

Summer@ICERM

<https://icerm.brown.edu/summerug/>

Transforming Analytical Learning in the Era of Big Data: A Summer Institute in Biostatistics (SIBS) Program

<https://sph.umich.edu/bdsi/>

UCSB Mathematics Summer Research Program for Undergraduates

<http://web.math.ucsb.edu/REU/>

Undergraduate research at Caltech

<https://sfp.caltech.edu/undergraduate-research/programs>

UT Rio Grande Valley REU Program on Applied Mathematics and Computational and Data Science

<https://www.utrgv.edu/smss-nsf-reu/index.htm>

Websites with more REU Sites information:

National Science Foundation (NSF)

https://www.nsf.gov/crssprgm/reu/list_result.jsp?unitid=5044

Math REU Programs

<https://www.mathreuprograms.org>