## **Archived Opportunities**

- Applied Physics Graduate Program Northwestern University - https://www.appliedphysics.northwestern.edu/
- Association of Women in Mathematics Essay Contest
  - https://sites.google.com/site/awmmath/programs/essay-contest
- Berkeley Undergradute Number Theory Conference
  - https://sites.google.com/berkeley.edu/ugconf2018/
- Bluepay STEM Scholarship <a href="https://www.bluepay.com/company/scholarship/">https://www.bluepay.com/company/scholarship/</a>
- Bruins-In-Genomics Summer Reserach Program https://qcb.ucla.edu/big-summer/
- California Actuarial Student Summit UC Santa Barbara
  - http://cass.pstat.ucsb.edu/2019/index.html
- Caltech Art of Science <a href="http://artofscience.caltech.edu/submissions">http://artofscience.caltech.edu/submissions</a>
- Carnegie Summer Undergraduate Research
   Program <a href="https://obs.carnegiescience.edu/carnegie-summer-undergraduate-research-program">https://obs.carnegiescience.edu/carnegie-summer-undergraduate-research-program</a>
- Capstone Certificate in Actuarial Science University of Wisconsin, Madison, Wisconsin <a href="https://wsb.wisc.edu/programs-degrees/certificates/actuarial-science-capstone/program-overview">https://wsb.wisc.edu/programs-degrees/certificates/actuarial-science-capstone/program-overview</a>
- Catalyzing Advocacy in Science and Engineering Washington DC
  - https://www.aaas.org/programs/catalyzing-advocacy-in-science-and-engineering
- Conference for Undergraduate Women in Physics
  - http://www.aps.org/programs/women/workshops/cuwip.cfm
- Connecticut Summer School in Number Theory and Research Conference <a href="https://ctnt-summer.math.uconn.edu/">https://ctnt-summer.math.uconn.edu/</a>
- Columbia Business School 2019 Summer Research Internship Columbia University <a href="https://www8.gsb.columbia.edu/programs/pre-doctoral-research/summer-research-internship">https://www8.gsb.columbia.edu/programs/pre-doctoral-research/summer-research-internship</a>
- D.E. Shaw and Co. https://www.deshaw.com/Careers.shtml
- DE Shaw Summer Fellowships New York City
  - https://www.deshaw.com/careers/fellowships
- Discover UChicago <a href="http://grad.uchicago.edu/admissions/discover/">http://grad.uchicago.edu/admissions/discover/</a>
- Doctoral Program in Decision, Risk and Operations Columbia University
  - https://www8.gsb.columbia.edu/faculty-research/divisions/decision-risk-operations/phd-program
- DPhil (PhD) in Mathematics University of Oxford, Oxford, UK
  - https://www.maths.ox.ac.uk/study-here/postgraduate-study
- Fall Statistics Preview Weekend University of Michigan, Ann Arbor, Michigan
  - <a href="https://lsa.umich.edu/stats/phd-students/ProspectiveGraduateStudents/apply-for-fall-preview-weekend.html">https://lsa.umich.edu/stats/phd-students/ProspectiveGraduateStudents/apply-for-fall-preview-weekend.html</a>
- Fields Undergraduate Summer Research Program
  - http://www.fields.utoronto.ca/activities/18-19/2018-fusrp
- Full-Time Research Associate University of Pennsylvania, Philadelphia, Pennsylvania
  - Research Assistant Job Posting
- Future of Physics Days at the American Physical Society Meeting Future of Physics Days
- Future Physicist International Summer Camp University of Science and Technology of China - <a href="http://fpisc.ustc.edu.cn/">http://fpisc.ustc.edu.cn/</a>
- Grading and Online Classroom Assistants The Art of Problem Solving aops.com/applications
  - Graduate Program in Molecular Engineering, The University of Chicago
  - <a href="https://ime.uchicago.edu/prospective\_students/graduate\_program\_in\_molecular\_engineering/">https://ime.uchicago.edu/prospective\_students/graduate\_program\_in\_molecular\_engineering/</a>

- Graduate Studies in Biomedical Informatics Harvard Medical School
  - https://informaticstraining.hms.harvard.edu/
- Graduate Studies in Mathematics Georgia Tech, <a href="https://pwp.gatech.edu/gtatgt/test/rtg-gradaute-fellowships/">https://pwp.gatech.edu/gtatgt/test/rtg-gradaute-fellowships/</a>
- Graduate Studies in Mathematics The Ohio State University
  - https://math.osu.edu/grad/future
- Graduate Studies in Mathematics University of North Carolina at Chapel Hill
  - http://math.unc.edu/graduate/information-for-applicants/
- Graduate Studies in Mechanical Engineering University of Texas at Austin
  - <a href="http://www.me.utexas.edu/graduate-admissions/graduate-program/graduate-admissions-faq">http://www.me.utexas.edu/graduate-admissions/graduate-program/graduate-admissions-faq</a>
- Graduate Studies in Physics and Astronomy The University of Kansas,
   http://physics.ku.edu/
  - GROWTH SURF http://growth.caltech.edu/undergrad-internships-overview.html
- GSA ULTRA Programming Competition https://www.gsa-ultra.com/register
- Heidelberg Laureate Forum http://www.heidelberg-laureate-forum.org/
- Horizons Fellowship <a href="https://www.joinhorizons.com/fellowship">https://www.joinhorizons.com/fellowship</a>
- Injury Science Research Experience (REU) <a href="https://injury.research.chop.edu/training-opportunities/reu#.WiciO0qnHIW">https://injury.research.chop.edu/training-opportunities/reu#.WiciO0qnHIW</a>
- International Theoretical Physics Olympiad for Undergraduate Students
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  - http://thworldcup.com/about2019
- Joint Mathematics Meeting (AMS and MAA)
  - http://jointmathematicsmeetings.org/meetings/national/jmm2018/2197 intro
- John Hopkins Center for Talented Youth, Summer Program
  - https://cty.jhu.edu/jobs/summer/index.html
- Lockheed Martin STEM Scholarship Program <a href="https://www.lockheedmartin.com/en-us/who-we-are/communities/stem-education/lm-scholarship-program.html">https://www.lockheedmartin.com/en-us/who-we-are/communities/stem-education/lm-scholarship-program.html</a>
- Low-dimensional topology and Symplectic Geometry Program
  - https://www.math.princeton.edu/news/three-week-program-undergraduate-and-graduate-students
- MAA Math Fest https://www.maa.org/meetings/mathfest
- Maria Mitchell 2018 Women in Science Symposium <a href="https://www.mmwiss.org/">https://www.mmwiss.org/</a>
- Marine Physical Laboratory Summer Internship Program La Jolla, California
  - https://scripps.ucsd.edu/mpl/mpl-summer-internship-program
- Masters of Engineering in Industrial Engineering and Operations Research UC Berkeley
   https://funginstitute.berkeley.edu/programs-centers/full-time-program/
- Masters of Finance & Master of Business Analytics MIT
  - http://mitsloan.mit.edu/mfin/ and http://mitsloan.mit.edu/master-of-business-analytics/
- Masters in Mathematical Science University of Oxford <a href="http://www.maths.ox.ac.uk/study-here/postgraduate-study/msc-mathematical-sciences-omms">http://www.maths.ox.ac.uk/study-here/postgraduate-study/msc-mathematical-sciences-omms</a>
- Master of Science in Quantitative and Computational Finance Georgia Tech
  - <a href="https://www.scheller.gatech.edu/degree-programs/interdisciplinary-ms/quantitative-and-computational-finance/index.html">https://www.scheller.gatech.edu/degree-programs/interdisciplinary-ms/quantitative-and-computational-finance/index.html</a>
- Masters of Science in the Physical Science Division University of Chicago
  - <a href="https://mspsd.uchicago.edu/page/prospective-students">https://mspsd.uchicago.edu/page/prospective-students</a>
- Mathematical Competitive Game 2017-2018 Distribution of Goods
  - http://www.scmsa.eu/archives/SCM\_FFJM\_Competitive\_Game\_2017\_2018.pdf
- Mathematical Competitive Game 2018-2019 Traffic Jams in Houston, Texas
  - http://www.scmsa.eu/archives/SCM FFJM Competitive Game 2018 2019.pdf
- Mathematics Internships at the National Security Agency Fort Meade, Maryland
  - https://pma.divisions.caltech.edu/documents/2885/NSA Summer Internship.pdf
- MathPath Camp Counselor Allendale, Michigan
  - http://www.mathpath.org/FacultyandStaff.htm

- Mechanical Engineering Graduate Program University of Michigan
  - https://me.engin.umich.edu/academics/graduate/admissions
- Michigan Student Symposium for Interdisciplinary Statistical Science (MSSISS) University of Michigan - <a href="https://sites.lsa.umich.edu/mssiss/">https://sites.lsa.umich.edu/mssiss/</a>
- MIT MBA Early Admission MIT, Cambridge, Massachusetts
   https://mitsloan.mit.edu/mba/admissions/
- Modern Math Workshop San Antonio, Texas <a href="https://www.samsi.info/programs-and-activities/2017-2018-education-and-outreach-programs-and-workshops/modern-math-workshop-2018-october-10-11-2018/">https://www.samsi.info/programs-and-activities/2017-2018-education-and-outreach-programs-and-workshops/modern-math-workshop-2018-october-10-11-2018/</a>
- MSc in Biostatistics University of Washington
  - http://www.biostat.washington.edu/program/degrees/ms/capstone
- MSc, PhD in Mathematical, Computational & Systems Biology University of California, Irvine - <a href="http://mcsb.uci.edu/admissions/overview-application">http://mcsb.uci.edu/admissions/overview-application</a>
- MSc in Physics at Cal State University, Northridge <a href="https://www.csun.edu/science-mathematics/physics-astronomy/graduate-programs">https://www.csun.edu/science-mathematics/physics-astronomy/graduate-programs</a>
- Multifunctional Materials REU Texas A&M <a href="http://engineering.tamu.edu/materials/reu/about">http://engineering.tamu.edu/materials/reu/about</a>
- Nexus and Latitude
   Fellowships <a href="https://www.deshawnexusfellowship.com/">https://www.deshawnexusfellowship.com/</a> and <a href="https://www.deshawlatitudefellowship.com/">https://www.deshawlatitudefellowship.com/</a>
- New York Yankees New York 1 year position as a quantitative analysis associate
   & summer intern in quantitative analysis
- NSF REU in Astronomy Maria Mitchell Observatory <a href="https://www.mariamitchell.org/get-involved/internships/reu">https://www.mariamitchell.org/get-involved/internships/reu</a>
- Open Source Macroeconomic Laboratory Bootcamp University of Chicago - https://bfi.uchicago.edu/osm18
- Open Source Economics Laboratory Summer Boot Camp University of Chicago
   https://www.oselab.org/bootcamp/2019
- PhD in Applied Mathematics Brown University
  - https://www.brown.edu/academics/gradschool/programs/applied-mathematics
- PhD in Atomic, Molecular & Optical Physics Columbia University
   http://physics.columbia.edu/applying
- PhD in Bioinformatics UCLA http://bioinformatics.ucla.edu/introduction-to-the-program/
- PhD in Biostatistics
  - https://healthsciences.ucsd.edu/som/fmph/divisions/biostat/education/phd-program/Pages/default.aspx
- PhD in Biostatistics University of Michigan
  - https://sph.umich.edu/biostat/programs/phd.html
- PhD in Demography University of Pennsylvania <a href="http://demog.pop.upenn.edu/prospective-students">http://demog.pop.upenn.edu/prospective-students</a>
- PhD in Industrial Engineering Purdue University
  - https://www.purdue.edu/gradschool/prospective/gradrequirements/westlafayette/ie.html
- PhD in Interdisciplinary Quantitative Biology University of Colorado
  - https://iqbiology.colorado.edu/
- PhD in Management Science and Operations London Business School
  - $\underline{\text{https://www.london.edu/faculty-and-research/subject-areas/management-science-and-operations/phd-programme\#.WfeFtltSxaR}$
- PhD in Mathematics at the Cambridge Center for Analysis
  - http://www.graduate.study.cam.ac.uk/courses/directory/mapmpdmal
- PhD in Mathematics Duke http://math.duke.edu/graduate/prospective-students
- PhD in Mathematics University of Oxford <a href="http://www.maths.ox.ac.uk/study-here/postgraduate-study/doctor-philosophy-dphil">http://www.maths.ox.ac.uk/study-here/postgraduate-study/doctor-philosophy-dphil</a>
- PhD in Ocean Science and Engineering Georgia Tech http://ocean.gatech.edu/home

- PhD in Operations Management NYU Stern <a href="http://www.stern.nyu.edu/experience-stern/about/departments-centers-initiatives/academic-departments/ioms-dept/academic-programs-courses/phd-programs/phd-operations-management">http://www.stern.nyu.edu/experience-stern/about/departments-centers-initiatives/academic-departments/ioms-dept/academic-programs-courses/phd-programs/phd-operations-management</a>
- PhD in Physics Washington University <a href="http://physics.wustl.edu/graduate">http://physics.wustl.edu/graduate</a>
- PhD in Physics and Astonomy Purdue University
  - http://www.physics.purdue.edu/academic-programs/future students/admissions.html
- PhD in Physics and Astronomy University of Southern California
  - https://dornsife.usc.edu/physics/
- PhD in Quantitative Biosciences Georgia Tech <a href="http://qbios.gatech.edu/prospective-student/overview">http://qbios.gatech.edu/prospective-student/overview</a>
- PhD in Statistics and Data Science University of Michigan <a href="https://lsa.umich.edu/stats/phd-students/ProspectiveGraduateStudents.html">https://lsa.umich.edu/stats/phd-students/ProspectiveGraduateStudents.html</a>
- The Physics of Life Summer School Princeton University
  - https://biophysics.princeton.edu/summer school
- Quantitative Analysis Internship Los Angeles Angels QA Internship Posting
- Quantum Undergraduate Research at IBM and Princeton
  - https://www.research.ibm.com/ibm-q/qurip/
- Research Assistant in Economics Booth School of Business, Univeristy of Chicago
   http://www.nber.org/jobs/Yannelis NBER.pdf & http://www.nber.org/jobs/WeberNBERposting.pdf & http://www.nber.org/jobs/NZZNBERposting.pdf & https://uchicago.wd5.myworkdayjobs.com/External/job/Hyde-Park-Campus/Resarch-
- Professional JR00937 & <a href="http://www.nber.org/jobs/Micro">http://www.nber.org/jobs/Micro</a> RA NBER2017.pdf
   Research Assistant, Machine Learning Team National Institute of Mental Health, Bethesda,
- Maryland Machine Learning Job Posting.pdf
   Research Coordinator Wharton School, University of Pennsylvania
- Research Coordinator Wharton School, University of Pennsylvania
   https://icha.hr.upana.edu/pastings/24720
  - https://jobs.hr.upenn.edu/postings/34739
- Research Experience for Undergraduates Michigan State University
  - https://www.pa.msu.edu/academics/reu-program/
- Research Experiences for Undergraduates University of Montana
  - http://ece.montana.edu/research/ece\_reu/index.htm
- Research Experience for Undergraduates University of Montana
  - http://solar.physics.montana.edu/reu/
- Research Professional University of Chicago, Booth School of Business, Chicago, Illinois- http://www.nber.org/jobs/2019Moshary-Shapiro.pdf
- Research Specialist Booth School of Business, The University of Chicago
  - <a href="https://uchicago.wd5.myworkdayjobs.com/External/job/Hyde-Park-Campus/Research-Professional JR01715">https://uchicago.wd5.myworkdayjobs.com/External/job/Hyde-Park-Campus/Research-Professional JR01715</a>
- Research Specialist Center for the Economics of Human Development
  - https://uchicago.wd5.myworkdayjobs.com/en-US/External/job/Hyde-Park-Campus/Research-
  - <u>Specialist JR01573</u> & <a href="https://uchicago.wd5.myworkdayjobs.com/External/job/Hyde-Park-Campus/Research-Professional JR01930">https://uchicago.wd5.myworkdayjobs.com/External/job/Hyde-Park-Campus/Research-Professional JR01930</a>
- REU in Physics and Astronomy Michigan State
  - University <a href="https://www.pa.msu.edu/academics/reu-program/">https://www.pa.msu.edu/academics/reu-program/</a>
- Software Engineering Internship Snowflake Data Warehouse, San Mateo, California <a href="https://www.snowflake.com/about/careers/">https://www.snowflake.com/about/careers/</a>
- Southeaster Undergraduate Mathematics Workshop Georgia Institute of Technology, Atlanta, Georgia https://sites.google.com/view/sumw/home
- Southern California Datathon Caltech
- STAQ Quantum Ideas Summer School Duke University, Durham, North Carolina
   https://stag.pratt.duke.edu/summer-school
- Statistical and Applied Mathematical Sciences Institute (SAMSI) Undergraduate Workshop <a href="https://www.samsi.info/programs-and-activities/2017-2018-education-activities/2017-2018-education-activities

outreach-programs-and-workshops/2017-18-eo-undergraduate-workshop-february-26-27-2018/

- Student Astronaut Contest Xploration Station
  - http://www.xplorationstation.com/%23StudentAstronaut-Contest
- Student Competition Using Differential Equations Modeling
  - https://www.simiode.org/scudem/2018
- Summer Immersive Horizon School of Technology <a href="https://www.joinhorizons.com/">https://www.joinhorizons.com/</a>
- Summer Internship at Fermilab
  - http://ed.fnal.gov/interns/programs/index.shtml and http://diversity.fnal.gov/sist/
- Summer Internship in Investment Science Wellington Management company Boston
- Summer Research in Industrial Projects for Students UCLA
  - <a href="http://www.ipam.ucla.edu/programs/student-research-programs/research-in-industrial-projects-for-students-rips-2019/">http://www.ipam.ucla.edu/programs/student-research-programs/research-in-industrial-projects-for-students-rips-2019/</a>
- Summer Research Institute The University of Arizona
  - https://grad.arizona.edu/uroc/sri/apply
- Summer Research Internship in Bioinformatics, Computational Biology and Gemonics -UCLA, California - <a href="https://qcb.ucla.edu/big-summer/">https://qcb.ucla.edu/big-summer/</a>
- Summer Research Opportunity Office of Science/US Department of Energy https://science.energy.gov/wdts/suli/
- Summer Program in Epidemiology Harvard
  - https://www.hsph.harvard.edu/epidemiology/apply-now/
- Summer School in Logic and Formal Epistemology Carnegie Mellon University
  - https://www.cmu.edu/dietrich/philosophy/undergraduate/summer-school/
- Summer School on Random Matrix at UCLA
  - http://www.math.ucla.edu/~jyin/education/summer-school-rmt-2019-at.html
- Tokyo Tech Summer Program 2019 Tokyo, Japan
  - <a href="https://www.titech.ac.jp/english/graduate">https://www.titech.ac.jp/english/graduate</a> school/international/exchange/summer program.
    <a href="https://www.titech.ac.jp/english/graduate">https://www.titech.ac.jp/english/graduate</a> school/international/exchange/summer program.
- Undergraduate Theoretical Physics Summer Program Perimeter Institute
  - http://www.perimeterinstitute.ca/training/undergraduate-students/undergraduate-theoretical-physics-summer-program
- West Coast Datathon UC Berkeley <a href="https://www.citadel.com/careers/the-data-open/">https://www.citadel.com/careers/the-data-open/</a>
- Women in Mean Curvature Flow
  - <a href="https://sites.google.com/site/professorsormani/home/conferences/women-in-mean-curvature-flow-2018">https://sites.google.com/site/professorsormani/home/conferences/women-in-mean-curvature-flow-2018</a>
- Young Mathematicians Conference <a href="https://ymc.osu.edu/">https://ymc.osu.edu/</a>