

# Compilation of Undergraduate Research Programs in Astrophysics

Created Fall 2020 | K.E. Whitaker

*This list is incomplete — please email [kwhitaker@astro.umass.edu](mailto:kwhitaker@astro.umass.edu) with any new additions!*

Program Name	Nominal Deadline	Limitations	Webpage
<b>Five-College Astronomy Undergraduate Internship Program</b>	mid-February	FCAD students only	<a href="https://www.astro.umass.edu/academics/five-college-astronomy-undergraduate-internship-program">https://www.astro.umass.edu/academics/five-college-astronomy-undergraduate-internship-program</a>
<b>College of Natural Sciences William Lee Science Impact Program (Lee SIP)</b>	mid-February	UMass undergrad; GPA 3.0 or higher	<a href="https://www.cns.umass.edu/students/undergraduate-research/lee-science-impact-program">https://www.cns.umass.edu/students/undergraduate-research/lee-science-impact-program</a>
<b>NSF REU: UT Austin</b>	Feb 1	US only, no post-bacs	<a href="https://astronomy.utexas.edu/research/astronomy-reu-assure">https://astronomy.utexas.edu/research/astronomy-reu-assure</a>
<b>National Astronomy Consortium (NAC): NRAO-Charlottesville, NRAO-Socorro, Princeton, STScI, or UW Madison, Michigan State</b>	Feb 1	US only, no post-bacs	<a href="https://science.nrao.edu/opportunities/student-programs/nac/2020-nac-application">https://science.nrao.edu/opportunities/student-programs/nac/2020-nac-application</a>
<b>NSF REU: American Museum of Natural History</b>	Feb 1	US only	<a href="https://www.amnh.org/research/richard-gilder-graduate-school/academics-and-research/fellowship-and-grant-opportunities/undergraduate-fellowships/reu-physical-sciences-program">https://www.amnh.org/research/richard-gilder-graduate-school/academics-and-research/fellowship-and-grant-opportunities/undergraduate-fellowships/reu-physical-sciences-program</a>
<b>NSF REU: Arecibo Observatory (Puerto Rico)</b>	Feb 1	US only, no post-bacs	<a href="http://www.naic.edu/pkg/webutils/REUT2020/">http://www.naic.edu/pkg/webutils/REUT2020/</a>
<b>NSF REU: Cornell University</b>	Feb 1	US only, no post-bacs	<a href="http://hosting.astro.cornell.edu/specialprograms/reu/">http://hosting.astro.cornell.edu/specialprograms/reu/</a>
<b>NSF REU: Louisiana State University</b>	Feb 1	US only, no post-bacs	<a href="https://www.lsu.edu/physics/undergraduate-programs/reu.php">https://www.lsu.edu/physics/undergraduate-programs/reu.php</a>
<b>NSF REU: MIT Haystack Observatory</b>	Feb 1	US only, no post-bacs	<a href="https://www.haystack.mit.edu/haystack-public-outreach/research-internships-for-undergraduates-reu/">https://www.haystack.mit.edu/haystack-public-outreach/research-internships-for-undergraduates-reu/</a>
<b>NSF REU: Maria Mitchell Observatory (Nantucket, MA)</b>	Feb 1	US only, no post-bacs	<a href="https://www.mariamitchell.org/get-involved/internships/reu">https://www.mariamitchell.org/get-involved/internships/reu</a>
<b>NSF REU: Northwestern University/CIERA (Chicago, IL)</b>	Feb 1	US only, no post-bacs	<a href="http://www.physics.nau.edu/~reu/">http://www.physics.nau.edu/~reu/</a>
<b>NSF REU: Northern Arizona University (Flagstaff, AZ)</b>	Jan 31	US only, no post-bacs	<a href="https://sites.northwestern.edu/cierareu/">https://sites.northwestern.edu/cierareu/</a>

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<b>NSF REU: RIT (Rochester, NY)</b>	Mar 1 (?)	US only, no post-bacs; Deaf/hard-of-hearing students encouraged to apply	<a href="https://ccrg.rit.edu/reu/introduction">https://ccrg.rit.edu/reu/introduction</a>
<b>NSF REU: SETI Institute (Mountain View, CA)</b>	Feb 1	US only, no post-bacs	<a href="https://www.seti.org/research-experience-undergraduates">https://www.seti.org/research-experience-undergraduates</a>
<b>NSF REU: Smithsonian Astrophysical Observatory at Harvard (Cambridge, MA)</b>	Jan 31	US only, no post-bacs	<a href="https://www.cfa.harvard.edu/opportunities/reu/">https://www.cfa.harvard.edu/opportunities/reu/</a>
<b>Banneker Institute</b>	TBD	URM/POC	<a href="https://bannekerinstitute.fas.harvard.edu/">https://bannekerinstitute.fas.harvard.edu/</a>
<b>LAMAT Program at UCSC</b>	Early December	Currently enrolled in CC in CA (or 2 year institution elsewhere)	<a href="https://astrolamat.sites.ucsc.edu/">https://astrolamat.sites.ucsc.edu/</a>
<b>NSF REU: UC Boulder</b>	Feb 1	US only, no post-bacs	<a href="https://www.colorado.edu/physics-jila-reu/">https://www.colorado.edu/physics-jila-reu/</a>
<b>NSF REU: University of Florida (Gainesville, FL)</b>	Feb 1	US only, no post-bacs	<a href="https://www.astro.ufl.edu/reu/">https://www.astro.ufl.edu/reu/</a>
<b>NSF REU: University of Hawai'i at Manoa, Institute of Astronomy (Honolulu, HI)</b>	Feb 1	US only, no post-bacs	<a href="https://student.ifa.hawaii.edu/reu/">https://student.ifa.hawaii.edu/reu/</a>
<b>NSF REU: University of Michigan (Physics &amp; Astronomy)</b>	Feb 1	US only, no post-bacs	<a href="http://reu.physics.lsa.umich.edu/">http://reu.physics.lsa.umich.edu/</a>
<b>NSF REU: University of Utah (Physics &amp; Astronomy) (Salt Lake City, UT)</b>	Jan 31	US only, no post-bacs	<a href="https://www.physics.utah.edu/research/reu-opportunities.php">https://www.physics.utah.edu/research/reu-opportunities.php</a>
<b>NSF REU: University of Wisconsin, Madison</b>	Feb 15	US only, no post-bacs	<a href="http://www.astro.wisc.edu/undergrads/uw-madison-reu-program/">http://www.astro.wisc.edu/undergrads/uw-madison-reu-program/</a>
<b>NSF REU: University of Wyoming (Laramie, WY)</b>	Feb 15	US only	<a href="https://www.uwyo.edu/physics/reu-info/">https://www.uwyo.edu/physics/reu-info/</a>
<b>NASA Internships</b>	Fall, Summer and Spring	US only	<a href="https://www.nasa.gov/centers/goddard/education/internships.html">https://www.nasa.gov/centers/goddard/education/internships.html</a>
<b>Space Telescope Science Institute Space Astronomy Summer Program</b>	Jan 31	Non-US and post-bac applications accepted	<a href="https://www.stsci.edu/opportunities/space-astronomy-summer-program">https://www.stsci.edu/opportunities/space-astronomy-summer-program</a>

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<b>Bryce Canyon National Park Summer Astronomy Outreach Internship</b>	Feb 15	US only, no post-bacs	<a href="http://www.physics.utah.edu/~aseth/Bryce_Internship.html">http://www.physics.utah.edu/~aseth/Bryce_Internship.html</a>
<b>Netherlands Institute for Radio Astronomy and the Joint Institute for VLBI ERIC Summer Research Opportunity (Dwingeloo, Netherlands)</b>	Feb 1	Graduate or advanced-undergraduate	<a href="https://www.astron.nl/education/summer-research-programme/">https://www.astron.nl/education/summer-research-programme/</a>
<b>LEAPS Program, Leiden Observatory (Leiden, Netherlands)</b>	Feb 28	All students not currently in PhD program	<a href="http://leaps.strw.leidenuniv.nl/">http://leaps.strw.leidenuniv.nl/</a>
<b>DAAD Research Internships in Science and Engineering (RISE) Germany</b>	December	Undergraduate students	<a href="https://www.daad.de/rise/en/rise-germany/">https://www.daad.de/rise/en/rise-germany/</a>
<b>CAMPARE</b>	Feb 1	CA State University or CA Community College only	<a href="https://www.cpp.edu/calbridge/summer-research.shtml">https://www.cpp.edu/calbridge/summer-research.shtml</a>
<b>Carnegie Observatories Summer Research Program</b>	Jan 31	SoCal resident or student	<a href="https://obs.carnegiescience.edu/CASSI">https://obs.carnegiescience.edu/CASSI</a>
<b>NSF DAWN-IRES Scholars Program (Copenhagen, Denmark)</b>	Feb 1	US only, no post-bac (but includes PhD students)	<a href="http://dawnires.com/apply-now">dawnires.com/apply-now</a>
<b>Computational Physics Summer Workshop, Los Alamos National Lab</b>	January	Undergraduate and Graduate students	<a href="https://www.lanl.gov/org/padwp/adx/computational-physics/summer-workshop/index.php">https://www.lanl.gov/org/padwp/adx/computational-physics/summer-workshop/index.php</a>
<b>KNAC REU program</b>	mid-February	Non-US can apply, no post-bacs	<a href="https://astro.swarthmore.edu/knac/reu_program.html">https://astro.swarthmore.edu/knac/reu_program.html</a>
<b>TAURUS</b>	Feb 14	URM only	<a href="https://sites.cns.utexas.edu/taurus/home">https://sites.cns.utexas.edu/taurus/home</a>

### **General Application Material (may vary by program):**

- ★ Personal Statement
- ★ Unofficial Transcripts
- ★ ~2 Letters of Recommendation (*request these early, at least 2 weeks before the deadline, and give friendly deadline reminders to your letter writers!*)

**Other Resources:**

★ **AAS Compilation:** <https://aas.org/careers/internships-summer-jobs>

★ **Astrobetter Compilation:** <https://www.astrobetter.com/wiki/tiki-index.php?page=Summer+Internships>