

Area	Category	Activity	How do I get involved?	Deadline	Funding Provided	Website	Comments/additional info
Research	Postdoc & Fellowships	*NSF Astronomy and Astrophysics Postdoctoral Fellowships	Apply for Fellowships	August 15 2023 - October 15, 2023 (annual)	Y	https://beta.nsf.gov/funding/opportunities/nsf-astronomy-astrophysics-postdoctoral	Fellows may engage in observational, instrumental, theoretical, laboratory or archival data research in any area of astronomy or astrophysics, in combination with a coherent educational plan for the duration of the fellowship.
Research	Postdoc & Fellowships	51 Pegasi b Fellowship	Apply for Fellowships	October 6, 2023 (annual)	Y	https://www.hsfdoundation.org/programs/science/51-pegasi-b-fellowship/	The 51 Pegasi b Fellowship provides postdoctoral scientists with the opportunity to conduct theoretical, observational, and experimental research in planetary astronomy. Established in 2017, the Heising-Simons Foundation 51 Pegasi b Fellowship is named for the first exoplanet discovered orbiting a Sun-like star. The growing field of planetary astronomy scientists study objects both within and beyond our solar system, bridging planetary science and astronomy. From improving our understanding of planetary system formation and evolution, to advancing new technologies for detecting other worlds, 51 Pegasi b Fellows make a unique contribution to the field.
Research	Postdoc & Fellowships	* NSF Graduate Research Fellowship	Apply for Fellowships	Oct 16, 2023 (annual)	Y	https://beta.nsf.gov/funding/opportunities/nsf-graduate-research-fellowship-program-grfp	The purpose of the NSF Graduate Research Fellowship Program (GRFP) is to help ensure the quality, vitality, and diversity of the scientific and engineering workforce of the United States. The program recognizes and supports outstanding graduate students who are pursuing full-time research-based master's and doctoral degrees in science, technology, engineering, and mathematics (STEM) or in STEM education. The GRFP provides three years of support over a five-year fellowship period for the graduate education of individuals who have demonstrated their potential for significant research achievements in STEM or STEM education.
Research	Postdoc & Fellowships	* NASA Postdoctoral Program	Apply for Fellowships	Nov 1, 2023 (annual)	Y	https://npp.orau.org/applicants/index.html	NPP Fellows are selected through a competitive peer review process, and complete one- to three-year appointments that advance research across NASA's space and Earth science missions. The NASA Postdoctoral Program (NPP) consists of two components—the NASA Postdoctoral Research Program and the NASA Postdoctoral Management Program. As the NPP is a resident program, Fellows are located at a NASA Center, NASA Headquarters, or at a NASA-affiliated research institute during the appointment.
Research	Postdoc & Fellowships	* NASA Hubble Fellowship Program (NHFP)	Apply for Sagan (or Hubble) Fellowships	Nov 2, 2023 (annual)	Y	https://www.stsci.edu/stsci-research/fellowships/nasa-hubble-fellowship-program	The NASA Hubble Fellowship Program (NHFP) supports promising postdoctoral scientists to pursue independent research which contributes to NASA Astrophysics, using theory, observation, experimentation, or instrument development. NHFP fellowships are tenable at U.S. host institutions of the fellow's choice, subject to a maximum of two new fellows per host institution per year, and no more than five fellows at any single host institution, except for short periods of overlap. The duration of the fellowship is up to three years: an initial one-year appointment, and two annual renewals, contingent on satisfactory performance and availability of NASA funds.
NExSci	Data	NASA Exoplanet Archive	Open for use to everyone	N/A	N/A	https://exoplanetarchive.ipac.caltech.edu/	The NASA Exoplanet Archive is an online astronomical exoplanet and stellar catalog and data service that collates and cross-correlates astronomical data and information on exoplanets and their host stars, and provides tools to work with these data.
NExSci	Data	Exoplanet Follow-Up Observing Program (ExoFOP) for Kepler, K2, TESS	Open for use to everyone	N/A	N/A	https://exofop.ipac.caltech.edu/	The Exoplanet Follow-up Observing Program (ExoFOP) website is designed to optimize resources and facilitate collaboration in follow-up studies of exoplanet candidates. ExoFOP serves as a repository for project and community-gathered data by allowing upload and display of data and derived astrophysical parameters.
Science	Observing Opportunities	*NASA Infrared Telescope Facility	Apply for observing time.	April 3, 2023 and October 2, 2023 (twice annually)		http://irfweb.ifa.hawaii.edu/observing/callForProposals.php	Instruments: SpeX, MORIS, iSHELL, MIRS/MOC, 'Ophi You are asked to make a clear statement about the connection between the proposed observations and the overall science goal. It is important to concisely articulate the big science picture. Be specific about the number of targets needed, and for continuing proposals, what is needed for the program to be considered complete (follow-up proposals). Proposals for standard observing programs at all ground-based facilities coordinated by the NSF's NOIRLab, which include US time on the telescopes of Gemini, CTIO (including SMARTS and SOAR), and KPNO (WIYN), as well as community-access time with other observatories (which for 2023A include Magellan, CHARA, Keck, Las Cumbres Observatory (LCO), and MINERVA-Australis), can be submitted twice per year. NASA and NSF have established a partnership for exoplanet research ("NN-EXPLORE") in response to a recommendation from the Astro2010 Decadal Survey. NN-EXPLORE is currently supporting observing time for the community to conduct exoplanet-related research on WIYN (Kitt Peak), SMARTS/Chiron (Cerro Tololo, Chile), MINERVA-Australis (Mt. Kent, Australia), and through a speckle observing program on Gemini-NASA is 1/6th partner in the Keck telescopes on Mauna Kea. NASA intends the use of its time allocation on the Keck telescopes to be highly strategic in support of on-going missions and/or high priority, long-term science goals as described in the Science Mission Directorate's 2020 Science Plan and in the documents linked below for each science area. see https://nexsci.caltech.edu/missions/KeckSolicitation/gen-info.shtml
Science	Observing Opportunities	NOIRLab / NN-EXPLORE observing call for proposals (every March, September)	Apply for observing time through NOIRLab proposal calls	March 31, 2023 and September 30, 2023 (twice annually)	in some cases	https://noirlab.edu/science/observing-noirlab/proposals/call-for-proposals https://exoplanets.nasa.gov/exep/NNExplore/	JWST General Observers (GO) program provides the worldwide astronomical community with extensive opportunity to make observations with the JWST infrared space observatory.
Science	Observing Opportunities	NASA Keck Time	Apply for observing time.	every March (March 14, 2024), September	Y	https://nexsci.caltech.edu/missions/KeckSolicitation/ https://nexsci.caltech.edu/missions/KeckSolicitation/gen-info.shtml	The Transiting Exoplanet Survey Satellite (TESS) General Investigator (GI) Program (ROSES D.10) solicits proposals for the acquisition and analysis of new scientific data from the TESS Explorer mission. Additionally, proposals that support the acquisition and/or analysis of scientific data from ground-based telescopes are solicited. Such ground-based programs must directly support the analysis and/or interpretation of TESS scientific data. Observations associated with TESS GI Cycle 6 will be executed from September 2023 until October 2024, covering observing sectors 70 - 83. Proposals are solicited for targets in Northern Ecliptic Hemisphere fields and in fields along on the ecliptic plane. The observing plan for Cycle 6 will be posted at https://tess.gsfc.nasa.gov
Science	Observing Opportunities	* JWST Cycle 3	Apply for observing time.	10/25/2023	Y	https://jwst-docs.stsci.edu/jwst-opportunities-and-policies/jwst-call-for-proposals-for-cycle-2	HST Call for Proposals: The Call for Proposals (CP) invites the astronomical community to propose for observing time on HST in a given cycle (nominally one year in duration). It summarizes the policies and procedures for proposing in that cycle of HST observing, including requests for funding research on archival HST data. It also provides an overview of HST's expected capabilities for that observing cycle, including information about the telescope and the available scientific instruments.
Science	Observing Opportunities	* TESS Cycle 7	Apply for observing time.	March 21, 2024	Y	https://nspires.nasaprs.com/external/solicitations/summary.do?solId=%7bF595238E-19D1-C0D6-D9AF-805702BC3D59%7d&path=&method=init https://heasarc.gsfc.nasa.gov/docs/teess/cycle-6-call-for-proposals-is-now-live.html	HST Call for Proposals: The Call for Proposals (CP) invites the astronomical community to propose for observing time on HST in a given cycle (nominally one year in duration). It summarizes the policies and procedures for proposing in that cycle of HST observing, including requests for funding research on archival HST data. It also provides an overview of HST's expected capabilities for that observing cycle, including information about the telescope and the available scientific instruments.
Science	Observing Opportunities	* HST Cycle 32	Apply for observing time.	March 26 2024	Y	Call is not out yet. see https://hst-docs.stsci.edu/hsp	The intention of these web seminars is to provide a forum for sharing key technology advances and results that enable or enhance the direct imaging and characterization of exoplanets.
Technology	Community Educational Opportunity	NASA ExEP Technology Colloquium	Sign up for ExEP tech colloquium announcement list	N/A	N	https://exoplanets.nasa.gov/exep/technology/tech_colloquium/	The intention of these web seminars is to provide a forum for sharing key technology advances and results that enable or enhance the direct imaging and characterization of exoplanets.

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NExSci	Community Education	Sagan Summer Workshops	Register to attend Sagan Workshops, submit a poster, or apply for financial support.	Workshop held in late July (July 22-26, 2024). Financial support applications due in mid-March	Y	https://nexsci.caltech.edu/conferences	The Sagan Summer Workshops are aimed at advanced undergraduates, grad students, and postdocs and provide opportunities to learn about the engineering and scientific application of exoplanet-related techniques used in NASA's Exoplanet Exploration Program. Workshops are hybrid (in-person and remote participation).
Science	Professional Development	Early career applications to present at the ExoPAG	Attend Biannual ExoPAG Meetings and apply to give a talk.	Annual, due in late September	Y	https://exoplanets.nasa.gov/exep/exopag/talk-guidelines/	ExoPAG talks should be tailored to address NASA's exoplanet program, including Kepler/K2, TESS, JWST, Roman Space Telescope, as well as other missions; NASA's exoplanet ground support efforts such as Keck, LBTI, IRTF, and NN-EXPLORE; mission concept studies such as OST, LUVVOIR, HabEx and Lynx; and general data archiving, follow-up organization, and tool development related to exoplanet research and missions at the NASA Exoplanet Science Institute. Reimbursable travel expenses may consist of roundtrip airfare, lodging, car rental, per diem and conference registration based on approved government rates.
Science	Professional Development	ExoExplorer Science Series	Apply to join ExoExplorers early career professional development program. Grad Students / Postdocs pursuing exoplanet research can apply to be ExoExplorers, Staff/Faculty members can apply to be ExoGuides, Everyone is encouraged to attend the monthly science seminars that run January - June	Annual, due in late September	Y for ExoExplorers, N for ExoGuides / audience members	https://exoplanets.nasa.gov/exep/exopag/exoexplorers	Each of the ExoExplorers will receive \$1,000 for the purchase of a presentation of their research results during the Science Series on topics focusing on observation, theory, and instrumentation in support of the broad themes outlined in the "ExEP Science Gap List." In addition, the program provides monthly informal group discussions with prominent scientists ("ExoGuides") in the fields of exoplanet science and individual conversations with other researchers requested by the ExoExplorers; Two professional development events on topics to be decided by the cohort, such as proposal writing, building inclusive collaborations, and public speaking; and the development and/or execution of cohort-driven activities pertaining to DEIA.
Science	Participation	Call to participate in EPRV Research Coordination Network (RCN)	Request membership using the google form on our website	N/A	N	https://exoplanets.nasa.gov/exep/NNExplore/EPRV-RCN/EPRV-RCN-welcome/	The EPRV Research Coordination Network (RCN), sponsored by NASA's Exoplanet Exploration Program, aims to support increased communication and collaboration within the radial velocity community as we work towards the goal of obtaining robust mass measurements for Earth analog planets. The RCN supports a monthly EPRV colloquium series, topical meetings (e.g. an upcoming meeting on laser frequency combs), and is starting to establish EPRV working groups to address community science questions / challenges
Science	Funding Opportunity (S NASA ROSES opportunities)		Propose for Funding	every February (announcement for opportunities with deadlines throughout the year)	Y	http://solicitation.nasaprs.com/ROSES2023 https://science.nasa.gov/researchers/sara/grant-solicitations	The NASA Science Mission Directorate (SMD) annual NASA Research Announcement, Research Opportunities in Space and Earth Sciences (ROSES) is released yearly around February 14th. ROSES is an omnibus solicitation with many individual program elements, each with their own due dates and topics.
Science	Funding Opportunity (S Astrophysics Decadal Survey Precursor Science)	ROSES opportunity D.16	Propose for Funding	Mandatory NOI due March 29, 2024; Proposals due April 26, 2024	Y	https://nspires.nasaprs.com/external/solicitations/summary.do?solId=%7b916A49FB-D89F-3C76-5B06-6148E6748FE7%7d&path=&method=init https://science.nasa.gov/researchers/sara/grant-solicitations	The emphasis of D.16 Astrophysics Decadal Survey Precursor Science (ADSPS) is on science investigations that will reduce future Great Observatory mission risk and inform mission designs and trades when those activities begin. All three Great Observatory concepts identified in the Astro2020 Decadal Survey Report are in the scope of this activity. The precursor science investigations solicited by this program element may include, but are not limited to, theoretical and computational studies, laboratory astrophysics investigations, archival research, and observational investigations. The Astronomy and Astrophysics Research Grants (AAG) Program is an inclusive and flexible funding opportunity to support research in the astronomical sciences. The Program provides individual investigator and collaborative research grants for observational, theoretical, laboratory, and archival data studies in astronomy and astrophysics.
Research	Funding Opportunity (S * NSF Astronomy and Astrophysics Grant (AAG))		Propose for Funding	Oct 1, 2023 - Nov. 15, 2023	Y	https://beta.nsf.gov/funding/opportunities/astronomy-astrophysics-research-grants-aag-0	Estimated \$50,000,000 in fiscal year 2023 for new and continuing awards, pending availability of funds. 100 Estimated number of awards description- About 100 projects will be funded per year, pending availability of funds.
Science	Community Input	NASA ExEP Science Gap List	Provide input to ExEP Science Plan & Gap List (reviewed and updated annually)		N	https://exoplanets.nasa.gov/system/internal_resources/details/original/2146_ExEP_Science_Gap_List_2022.pdf	
Technology	Community Input	NASA ExEP Technology Gap List	Provide input to ExEP Technology Gap List (reviewed and updated biennially).	mid-2024	N	https://exoplanets.nasa.gov/exep/technology/gap-lists/	The motivation and objectives of the ExEP Technology Program are summarized in the Technology Gap List: the list serves to identify and prioritize where technology development is needed. A technology gap is defined as the difference between what has been done (or is known) today relative to what is needed in order to implement a future mission, and candidate technologies are ones that potentially close the gap. The NASA Astrophysics Division updates the Technology Gap List every 2 years, the next update will occur in 2024.
Other	Participation	KISS Solicitation for CY2023 Study Programs	Propose for Study	Annual solicitation - early Oct, Proposal concepts due early Nov, Proposals due late Dec (annual)		https://kiss.caltech.edu/proposals.html	The goal of the Keck Institute is to develop ideas and concepts that have the potential to revolutionize space science and engineering, especially those that have the potential to impact or create future space missions. The Institute will do this by convening study programs and workshops that bring together leading scientists and engineers from the external research community along with the best engineers and scientists from JPL and the Caltech Campus.
Technology	Funding Opportunity (T)	NASA's Strategic Astrophysics Technology (SAT)	Propose to SAT proposal calls.	Jan 31, 2024	Y	https://science.nasa.gov/astrophysics/programs/astrophysics-division-technology https://science.nasa.gov/researchers/sara/grant-solicitations	The Strategic Astrophysics Technology (SAT) element of NASA SMD's Research Opportunities in Space and Earth Sciences (ROSES) is solicited annually, with due dates released yearly on or around February 14th. The awards target the development of key technologies, of medium maturity (TRL 3 and greater) for NASA's strategic missions. The solicitation is amended in the late summer to provide further information on NASA's priorities for technology development and to set the formal deadlines for the proposals. For the past two cycles, SAT asked for mandatory Notices of Intent to propose due in October and final proposals due in mid-December. This is likely to be the case in 2023. ExEP makes available infrastructure to support SAT- (and APRA-) funded activities targeting coronagraph and starshade technology development. See https://exoplanets.nasa.gov/system/internal_resources/2516/ for more details.

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Technology	Funding Opportunity (T)	* NSF Advanced Technologies and Instrumentation	Propose for Funding		Y	https://www.nsf.gov/pubs/2018/nsf18576/nsf18576.htm	The Advanced Technologies and Instrumentation (ATI) program provides individual investigator and collaborative research grants for development of new technologies and instrumentation for astronomy and astrophysics. Development of innovative, potentially transformative technologies are encouraged, even at high technical risk. Anticipated Type of Award: Standard Grant or Continuing Grant Estimated Number of Awards: 10 About 10 projects will be funded per year, pending availability of funds. Anticipated Funding Amount: \$8,000,000 Estimated program budget, number of awards and average award size/duration are subject to the availability of funds.
Technology	Funding Opportunity (T)	* APRA (Astrophysics Research and Analysis)	Propose for Funding	Jan 31, 2024	Y	https://science.nasa.gov/researchers/sara/grant-solicitations	NASA Science Mission Directorate (SMD) releases the call for Research Opportunities in Space and Earth Sciences (ROSES). ROSES is an omnibus solicitation with many individual program elements, each with its own due dates and topics. Awards, in the form of a grant, range from under \$100K per year for focused, limited efforts (e.g., data analysis) to more than \$1M per year for extensive activities (e.g., development of hardware for science experiments and/or flight). Periods of performance are typically three years, but some programs may allow up to five years and others specify shorter