



Higher Education

STEM Internships & Fellowships

The Higher Education group facilitates internships and fellowships that bring undergraduate students, graduate students and faculty from diverse backgrounds and STEM focus areas to NASA's Jet Propulsion Laboratory for one-of-a-kind opportunities in space exploration. Find us online at jpl.nasa.gov/edu/intern

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Our Programs

JPL Programs

- **Year-Round Internship Program** offers part-time and full-time internships at JPL year-round to undergraduate and graduate students pursuing STEM degrees.
- **Maximizing Student Potential in STEM** aims to increase the participation of underrepresented and underserved students in STEM disciplines as well as of students attending Minority-Serving Institutions by providing part-time and full-time opportunities at JPL.
- **Summer Internship Program** offers 10-week, full-time, summer internships at JPL to undergraduate and graduate students pursuing STEM degrees.
- **JPL Visiting Student Research Program** offers research opportunities to students who have a compatible research interest with JPL and third-party funding.
- **JPL Faculty Research Program** provides opportunities for college and university faculty teaching STEM to engage in research with a JPL researcher.

Workshops

- **NASA Community College Aerospace Scholars** is an educational experience for 2-year community college students seeking a STEM degree that engages students in authentic learning experiences with NASA.
- **NASA Science Mission Design Schools** are 3-month-long career development experiences for doctoral students, recent Ph.D.s, postdocs and junior faculty to learn the process of developing a robotic space mission through concurrent engineering.

Partner Programs

- **Caltech Summer Undergraduate Research Fellowship** at JPL introduces undergraduate students pursuing STEM degrees to the research process under the guidance of JPL and Caltech mentors.
- **Student Independent Research Intern** program offers academic-term internships at JPL for students enrolled in an independent study course at participating area community colleges.
- **STEM Teacher and Researcher Program** offers undergraduate, graduate and teaching-credential-seeking Cal State students – and Noyce Scholars from U.S. universities who are planning to become science teachers – research opportunities nationwide, including at JPL.

Additional Opportunities

- **JPL Jobs: Student Opportunities** – jpl.jobs/students
- **NASA Internships** – intern.nasa.gov
- **JPL Postdoc Programs** – postdocs.jpl.nasa.gov

Notes

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NASAJPL Edu



Meet JPL Interns

Hear stories from interns pushing the boundaries of space exploration and science at the leading center for robotic exploration of the solar system. Visit bit.ly/meetJPLinterns

Research Areas

Sci

JPL is a leader in Earth and space-science research. Our **scientists** analyze and interpret data returned from spacecraft and also play a key role in shaping future space missions.

Majors include

- Astrophysics and astronomy
- Biology and astrobiology
- Earth and environmental sciences and geology
- Physics and applied physics
- Planetary science
- Chemistry and chemical engineering
- And more ...

Skills and interest areas

- Analytical, critical and innovative thinking
- Data analysis and data reduction
- Observational imaging technology
- Programming and mathematics
- Remote sensing and radar
- Research and laboratory instrumentation
- Spectroscopy, microscopy and telescoping

Eng

JPL **engineers** are innovation role models, designing and building spacecraft and instruments that make a world of discoveries possible all while doing the impossible.

Majors include

- Aerospace engineering
- Bioengineering
- Electrical engineering
- Materials engineering
- Mechanical engineering
- Systems engineering
- And more ...

Skills and interest areas

- Analytical, critical and innovative thinking
- Communication skills and creativity
- Computer-aided design
- Engineering design processes
- Materials and fluid dynamics
- Programming and mathematics
- Robotics

Tec

JPL technology goes to space and beyond. Our **technologists** build applications to connect us with far-away spacecraft and develop creative solutions for problems that affect humans on Earth.

Majors include

- Chemical and bio engineering
- Computer engineering
- Computer science
- Electronics and optics
- Information systems technology
- Nanotechnology
- And more ...

Skills and interest areas

- Analytical, critical and innovative thinking
- Electronic circuits, devices and systems
- Operating systems
- Photovoltaics and renewable energy
- Programming and mathematics
- Radio, radar and sensor technology
- Superconducting