

JET PROPULSION LABORATORY

| *explore the possibilities* |



We have a whole universe
of opportunities waiting for you.



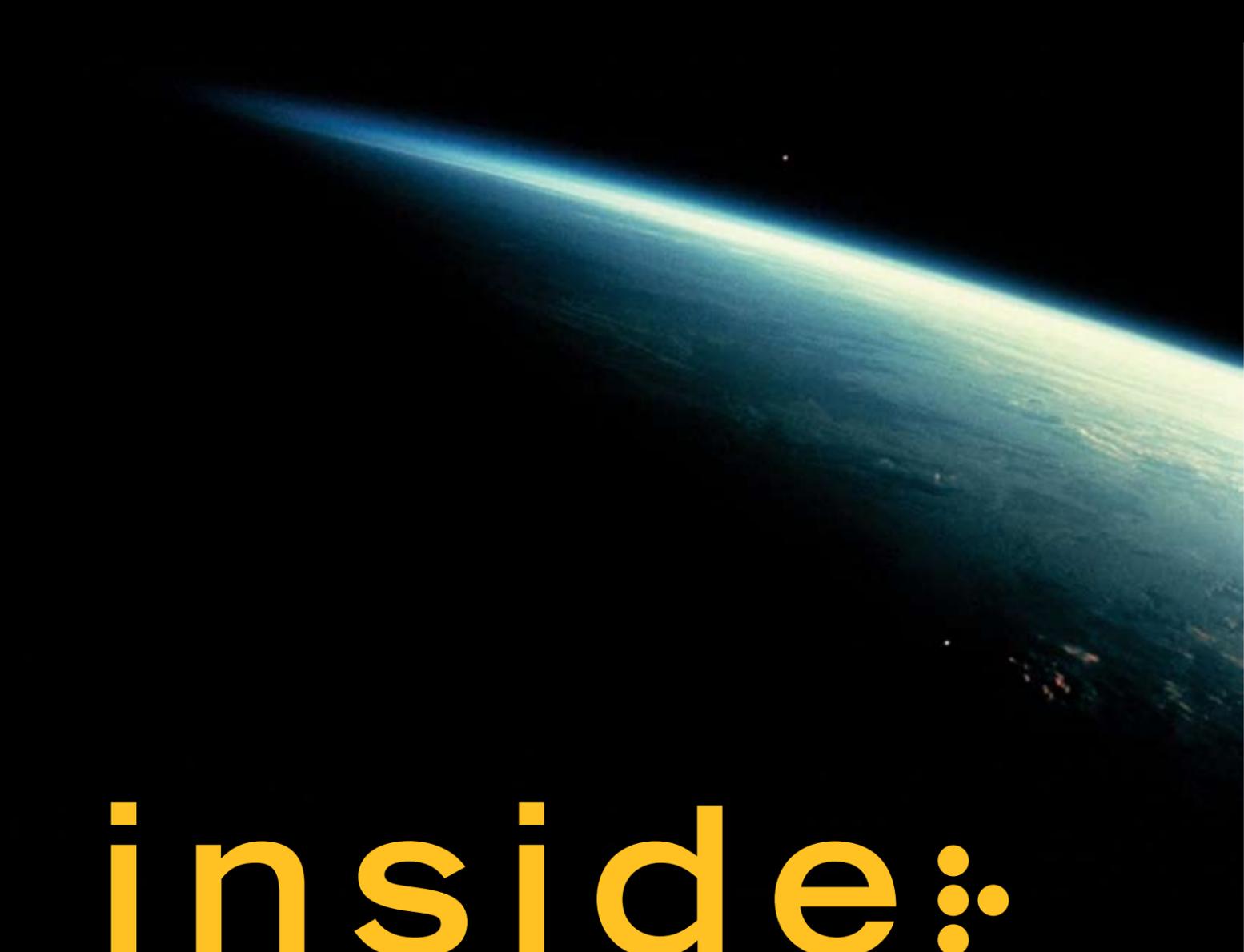


imagine

Imagine a rust-red desert world, where two roaming robots look for signs of vanished rivers and seas · Imagine a world of ice, beneath which lie oceans—and possibly life · **Imagine a world with millions of moons, arrayed in glorious rings** · Imagine a world inhabited by intelligent beings, curious about their origins and the farthest reaches of space and time.

These are just a few of the worlds we've explored in the history of the Jet Propulsion Laboratory. There's a whole universe of others still awaiting us.

IMAGINE THE WORLD OF POSSIBILITIES AWAITING YOU AT JPL.



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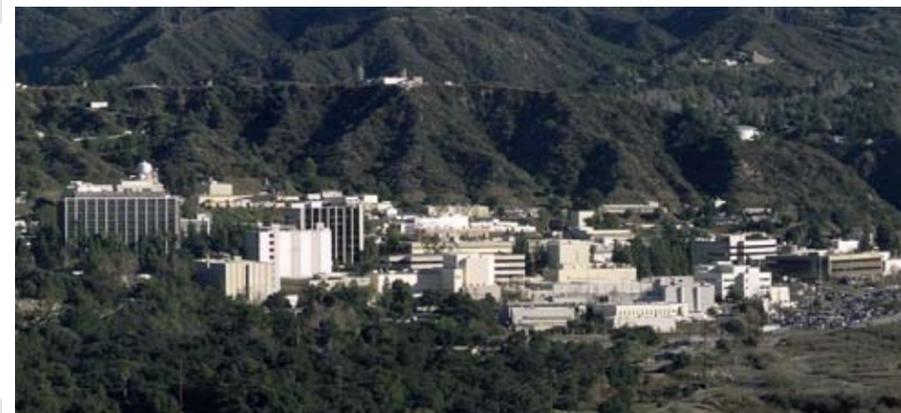
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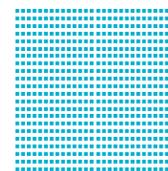
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welcome



There aren't many jobs where you arrive in the morning, pour yourself a cup of coffee, and get to be one of the first human beings in history to see new views of a distant world. Or communicate with a "co-worker" who is a robot millions of miles away. Or search for other "Earths" around other suns.

At JPL, *expanding the frontiers of science will be your daily work.* You'll be at the forefront of our efforts to understand the workings of our universe. The possibilities are nearly unimaginable. And the rewards are immeasurable.

As a member of the JPL team, you'll have opportunities to do research you simply cannot do anywhere else. You'll work with the world's most cutting-edge technology. And because we have the capability not only to design but also to build one-of-a-kind hardware in-house, you'll have the opportunity to see your team's vision take shape—and take flight.

We offer a work environment unlike any other: a place that inspires passion, fosters innovation, builds collaboration, and rewards excellence.

You could become a part of it. You could become a member of the team at the Jet Propulsion Laboratory.

Explore the possibilities at JPL.

Dr. Charles Elachi
Director

who we

The Jet Propulsion Laboratory (JPL) builds and operates robotic spacecraft for the National Aeronautics and Space Administration (NASA). It also manages the worldwide Deep Space Network, encompassing space communications and tracking facilities in California's Mojave Desert, in Spain near Madrid, and in Australia near Canberra.

JPL is a federally funded research and development center that is managed by the California Institute of Technology (Caltech) under a contract with NASA. About 5,000 people work here full-time as JPL employees under Caltech administration, along with various contractors and students.

Our association with NASA and Caltech places us at the forefront of some of the most advanced research and technology in the world. We are global leaders in unmanned space exploration, robotics, and micro devices.

As an integral member of the NASA team, JPL shares NASA's vision and is committed to fulfilling the agency's mission.

THE JPL MISSION

JPL's mission flows from the NASA mission. As part of the NASA team, JPL enables the nation to explore space for the benefit of humankind by developing robotic space missions.

The seven thematic elements of the JPL mission are to:

- Explore our own and neighboring planetary systems.
- Search for life beyond the Earth's confines.
- Further our understanding of the origins and evolution of the universe and the laws that govern it.
- Make critical measurements to understand our home planet and help protect its environment.
- Enable a virtual presence throughout the solar system using the Deep Space Network and evolving it to the Interplanetary Network of the future.
- Apply JPL's unique skills to address problems of national significance.
- Inspire the next generation of explorers.

As you can see, we have quite an impressive "to do" list. We've already accomplished a great deal. And yet, from another perspective, we are just getting started. Our horizons are literally infinite, and the possibilities before us are endless.

are

Making History, Again and Again

JPL was founded in the 1930s by Caltech researchers who tested rockets in the wilderness areas of Pasadena. Initially the group conducted rocket and missile projects for the U.S. Army, but in 1958 it was transferred to the jurisdiction of the nation's newly created civilian space agency, thus becoming a part of the NASA family.

Over time, JPL's focus shifted from propulsion to communications and control systems. Robotic spacecraft controlled by JPL have visited every major planet of the solar system, investigated comets and asteroids, and studied the awesome churning energies of the Sun.

Today as JPL peers farther and deeper into the heavens, through various space-based remote-imaging missions, it is discovering planets around other stars and investigating the structure and history of the universe itself.

Today, the technologies that JPL developed for examining other worlds are also being turned toward Earth, to help us better understand our own planet. Our Earth science missions study and monitor our world's land, seas, and atmosphere.

We are continually making history and advancing the frontiers of human knowledge.

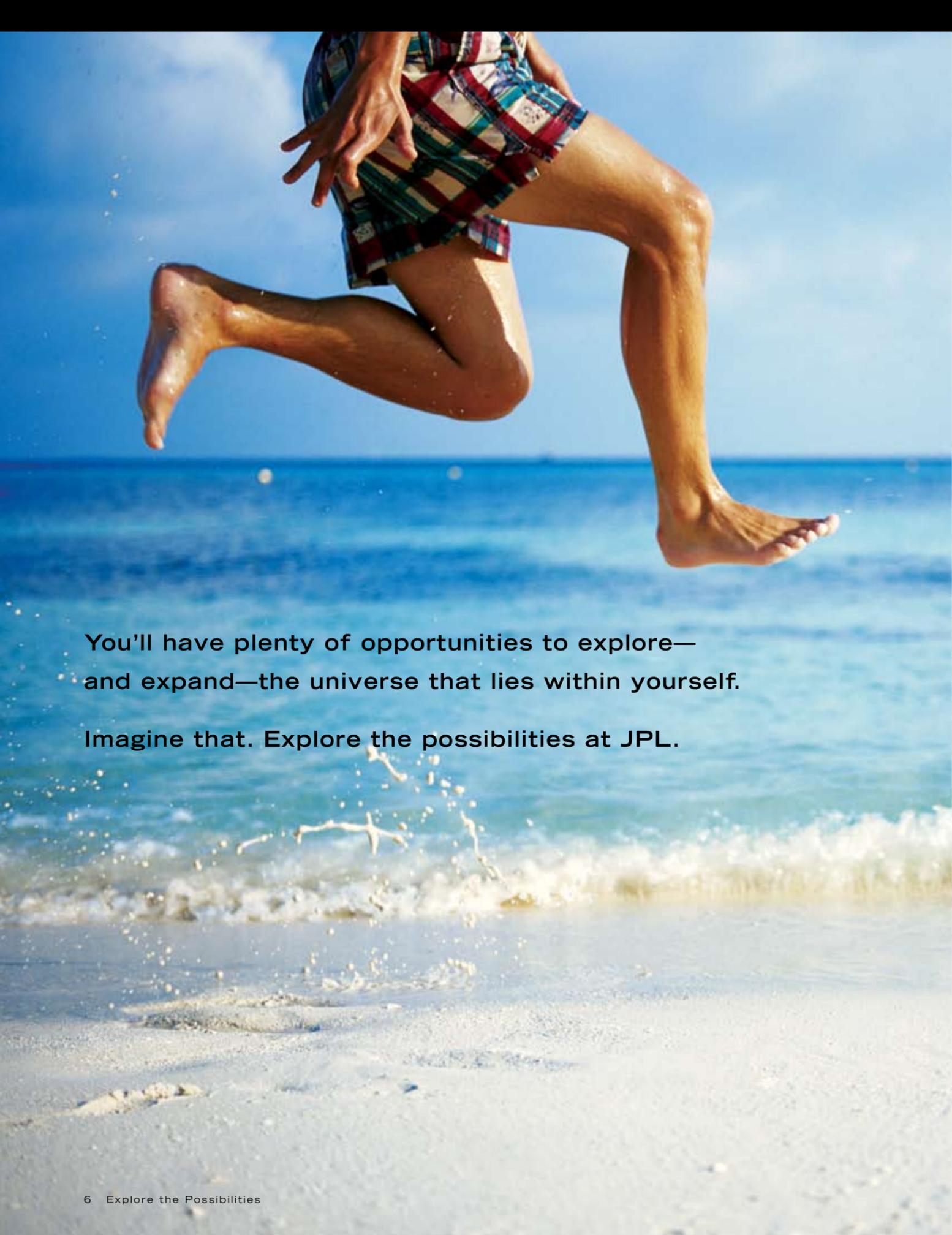
From our home planet to the farthest reaches of the universe, JPL is exploring the possibilities.

See <http://www.jpl.nasa.gov/missions> for a complete list of JPL missions.



FROM THE CENTER OF THE EARTH TO THE FARTHEST REACHES OF THE UNIVERSE, JPL IS EXPLORING THE POSSIBILITIES.





You'll have plenty of opportunities to explore—
and expand—the universe that lies within yourself.

Imagine that. Explore the possibilities at JPL.



our community

OUR LOCAL CORNER OF THE UNIVERSE IS WELL WORTH EXPLORING, TOO.

JPL is situated in one of the world's best possible locations—Pasadena, in Los Angeles County, California. In addition to enjoying the cultural opportunities to be found within the bustling metropolitan area of a world-class city, we are fortunate to enjoy a beautiful climate and a variety of natural wilderness areas—mountain, desert, forest, and ocean—within a few hours' travel.

This is a community where you can ride the Malibu surf in the morning, hike the Angeles National Forest in the afternoon, and in the evening enjoy fine dining and a night at the symphony. And if those particular pastimes don't pique your interest, there are plenty of other things to do. Baseball at Dodger Stadium, football at the Rose Bowl, or chamber music at the Walt Disney Concert Hall. Then

there's climbing the face of El Capitan in Yosemite National Park, wine tasting in Santa Barbara, touring the world-famous studios of Hollywood, or taking a drive to Las Vegas or San Francisco for a mini-vacation getaway.

Working at JPL, you'll find abundant opportunities to challenge yourself both mentally and physically, and grow

both professionally and personally. You'll have plenty of opportunities to explore—and expand—the universe that lies within yourself.

Imagine that.

**Explore the possibilities
at JPL.**

our commitment

Imagine an organization where people not only explore other worlds but also dream of a better one, right here—and work to make it happen.

There are always reasons enough to be concerned about the state of our planet. Air and water pollution—and now global warming. To what extent is this happening, what are the likely effects, and what can we do about it? JPL's global missions can help us find out.

As a socially responsible organization, we also conduct outreach efforts to inform and engage the public. In a nation where science and research are a matter of public policy, it's vital that voters and decision-makers have at least an informed layperson's

understanding of our work, its implications, and its benefits. It is our social responsibility to share the excitement of what we do!

And so we do, through NASA Web pages and special programs created in partnership with museums, planetariums, and science centers around the country and internationally. We also created a "Night Sky Network" linking astronomy clubs across the nation, involving tens of thousands of amateur astronomers. (Astronomy is one of the few areas of modern science where the amateur with home equipment can still

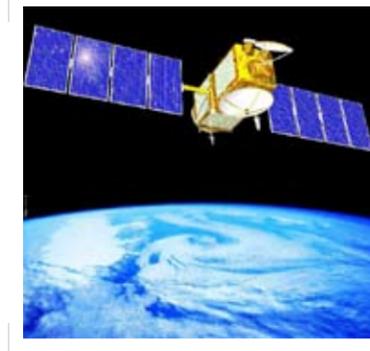
contribute groundbreaking discoveries. The more eyes on the sky, the better.)

We also create programs in partnership with local schools, and find it particularly rewarding when our outreach efforts awaken wonder and curiosity in a child. Recent initiatives include our Cassini literacy campaign, which helps students in kindergarten through fourth grade improve their reading and writing skills—sometimes dramatically so—using our Saturn mission to capture their interest.

These children are born of the Space Age technology, after all, and will grow up to become the voters, political leaders, scientists, researchers, and explorers of the future. More than just a few students involved in our previous outreach efforts grew up to become employees of JPL.



IF YOU CAN IMAGINE A BETTER WORLD AND WANT TO MAKE IT A REALITY, CONSIDER EXPLORING THE POSSIBILITIES.



career opportunities

IMAGINE THE WORLD OF CAREER POSSIBILITIES AWAITING YOU AT JPL.

It takes all kinds of people to explore a universe. We work together as a team, applying our individual skills and interests to realize our common dreams. After all, we're not just an organization of science and technology, we're an organization of people.



JPL IS TRULY "A LAUNCHPAD FOR POSSIBILITY."

Here are some of the career possibilities you'll find at JPL.

ENGINEERING

- Aerospace and Aeronautics
- Electrical Engineering
- Flight Systems Engineering
- Mechanical Engineering
- Optical Engineering
- Robotics Engineering
- Software Engineering
- Systems Engineering

SCIENCE

- Astrophysics/Astronomy
- Atmospheric Science
- Earth Science
- Geology/Geophysics
- Oceanography
- Planetary Science

TECHNICAL

- Configuration Management
- Database Administration
- Information Technology
- Instructional Design
- Product Data Management
- Visualization

BUSINESS

- Business Administration
- Contracts Administration
- Costing and Pricing
- Facilities
- Finance
- Human Resources
- Procurement
- Project Scheduling
- Public Affairs

If your talents and abilities lie in at least one of these fields, and you are creative, innovative, and driven to excel, there may be a place for you at JPL.

For a searchable listing of all current employment opportunities at JPL, go to <http://careerlaunch.jpl.nasa.gov>.

work and



The rewards of working at JPL go far beyond pay. A casual academic environment where sharing information and ideas is encouraged, offering opportunities to work with and learn from world-renowned colleagues, is yet another aspect of life at JPL that sets it apart.

If being involved in groundbreaking science in a highly stimulating and people-friendly work environment isn't enough for you, we also have a strong package of employee benefits that offers health and financial protection for you and your eligible dependents.

Your total rewards package at JPL includes:

- Competitive base pay and bonus awards.
- A choice of medical and dental coverage plans to help you pay health care expenses.
- Life, accident, and long-term disability coverage to protect you and your loved ones.
- Tax-free spending accounts to help you pay health care or dependent care expenses in a way that reduces your taxes, as well as a child care assistance program.
- A TIAA-CREF retirement plan. (The Teachers Insurance and Annuity Association-College Retirement Equities Fund provides retirement plans at more than 15,000 universities, research centers, and other nonprofit institutions.)

Contributions by Caltech are made to the plan based on a percentage of your salary and on your age. Vesting (your ownership of the account) is immediate.

- JPL and NASA awards, which reward for and recognize individual and team achievements and innovations.
- Membership at The Caltech Athenaeum, open to employees of JPL. The Athenaeum has been named a Platinum Club of America, and in terms of perceived excellence, stands in the top four percent of America's 5,000 private clubs.

Another attractive benefit is our voluntary alternate workweek schedule, which is available to employees working 40 or more hours per week. With management approval, you can work nine hours Monday through Thursday and eight hours on Friday, with every other Friday off.

In addition, we know that bright, inquiring minds seek ever more knowledge and experience. Since the desire to learn and

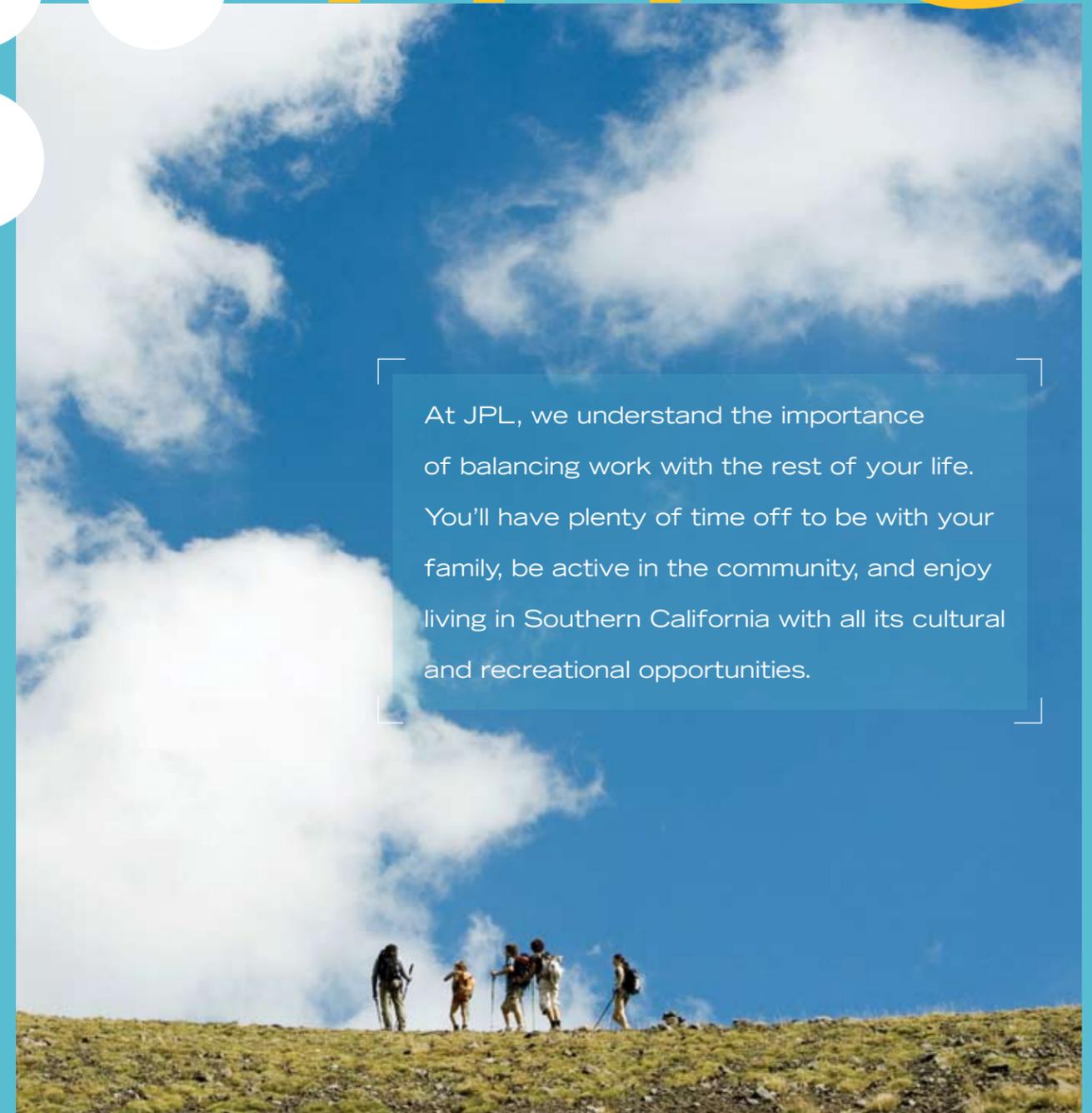
grow is second nature to JPL employees, we also offer mentoring and education reimbursement programs.

At JPL, we understand the importance of balancing work with the rest of your life. You'll have plenty of time off to be with your family, be active in the community, and enjoy living in Southern California with all its cultural and recreational opportunities. In addition to official and personal holidays, most JPL employees start with 15 days of vacation per year, increasing to 21 days with additional service. Any vacation you don't use can be carried over to the next year up to a maximum of 40 days. We encourage you to use your vacation every year, though, and enjoy everything the region has to offer.

Finally, if you don't already live near the Pasadena area, you may be eligible for relocation assistance benefits. Believe those of us who work here—it's worth making the move to JPL.

life

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This is only a brief overview of the benefits offered by JPL. The Caltech Benefits Handbook provides additional information about eligibility and other details of JPL's benefit programs. See http://hr.caltech.edu/Benefits/Benefits_Handbook.htm.

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