



# PASADENA CALIFORNIA

**SIMPLY MORE  
SCIENCE & ENGINEERING**

Pasadena institutions are recognized worldwide for the important contributions they have made to science and technology since the early 20th century. Some of the biggest advances in astronomy, medicine, geology, and space exploration have occurred here. Pasadena's reputation as a major center for science continues to attract great minds eager to make the next big discovery.

**Fact:** Albert Einstein was a visiting scientist at the California Institute of Technology (Caltech) on three separate occasions in the early 1930s.

## CALIFORNIA INSTITUTE OF TECHNOLOGY

Caltech is one of the finest academic and research institutions in the world.

- Modern earthquake science was born here in the 1920s and 1930s with the invention of a sensitive seismograph to record earthquakes and the development of the Richter Scale to measure them.
- The principles of modern aviation and jet flight grew out of work carried on at Caltech by Theodore von Karman. During the 1930s, von Karman and his students developed the principles of airplane design and flight that helped get the aircraft industry off the ground.
- Caltech is known as the center of the universe for astronomers because of its major contributions to the field. In 1948, Caltech completed the first survey of the entire sky visible from the northern hemisphere, a survey that created an atlas of the heavens that astronomers the world over used for the next three decades.
- Psychobiologist Roger Sperry determined the left hemisphere of the brain and the right hemisphere of the brain are specialized for different capacities here in 1981.
- 49 alumni and faculty members have received the prestigious National Medal of Science.
- Caltech receives more invention disclosures per faculty member than any other university in the nation. The university has received over 1800 U.S. patents since 1980.

## JET PROPULSION LABORATORY

In the mid-1930s, off-campus experiments by several of Theodore von Karman's Caltech students led to the establishment in 1943 of the world-famous Jet Propulsion Laboratory (JPL). Today JPL is the nerve center of America's robotic space program. Though a part of NASA, JPL is still managed by Caltech.

- In the early 1940s, JPL developed the United States' first rockets and guided missiles.
- In 1958, JPL helped create and launch Explorer I, the first U.S. satellite. This started the "space race" with the Soviet Union. That year JPL joined space exploration as part of the newly formed NASA.
- In the 1960s, 1970s and 1980s, JPL launched the Pioneer, Mariner, Voyager, Magellan and Galileo missions to explore the solar system.
- In July 1997, the Mars Pathfinder and its Sojourner rover captivated the world with its spectacular images of the Martian surface.
- Currently JPL has 20 spacecraft and nine instruments conducting active missions.

## JACOBS

Jacobs is one of the world's largest and most diverse engineering and construction firms.

- The company provides scientific and specialty consulting, all aspects of engineering and construction, and operations and maintenance to industrial, commercial and government entities around the globe.
- Clients include NASA, Ford Motor Company, Genentech, Bristol-Myers Squibb, and Unilever.
- Jacobs was named "Fortune" magazine's Most Admired Engineering & Construction Company in 1999, 2003 and 2006.



**PASADENA**  
•simply more•

## CLIENT SERVICES

The department offers a selection of services including housing, program consultation, registration and hospitality personnel, promotional materials, and VIP amenities.

626-795-9311 | 800-307-7977 | clientservices@pasadenameetings.com



## MOUNT WILSON OBSERVATORY

Founded in 1904 by George Ellery Hale, one of the founders of astrophysics, Mount Wilson Observatory came to dominate astronomy worldwide. The facility is open to the public for exploration and stargazing.

- In its early days, solar telescopes were joined by a 60-inch stellar telescope and the 100-inch Hooker telescope, each the largest in the world at the time of construction.
- Using Mount Wilson's telescopes, Shapley mapped the globular cluster of the galaxy.
- Hubble discovered the expanding universe and Beade first recognized the phenomenon of stellar populations here.
- The 100-inch Hooker telescope remains in active scientific service, and the solar towers collect data daily, representing the world's longest continuous record of the sun.
- Today visitors can view the universe through Mount Wilson's historic 60-inch telescope, the largest in the world made exclusively available to the public.

## ART CENTER COLLEGE OF DESIGN

A leader in art and design education, Art Center College of Design is particularly renowned for its Automobile and Product Design programs.

- In 2009, "BusinessWeek" named Art Center College of Design's master's program as "one of the world's best design programs."
- Art Center has two campuses in Pasadena, both of which are architecturally significant.
- Noted American photographer Ansel Adams taught at the college.
- Alumni include many of the world's leading car designers, contemporary filmmakers ("Armageddon," "300"), ad makers ("Thatsa one spicy meatball," "Got Milk?"), artists (The Blue Dog), and product designers (Apple monitor, Oakley Zeros).

## PARSONS

Parsons is a global industry leader in engineering and construction.

- Parsons provides technical, engineering, construction, and management to government agencies and private industries in numerous countries.
- The company's portfolio includes airports, bridges, chemical demilitarization, dams, energy generation facilities, environmental remediation and restoration, homeland defense, hospitals, missile defense, pharmaceutical plants, ports, public works, rail systems, roads, schools and universities, water distribution, and wastewater treatment systems.

## ACCOMMODATIONS

Pasadena offers 2,500 guest rooms, more than 1,200 of which are within walking distance of the Pasadena Convention Center. A broad range of accommodations are available at Pasadena's five full-service hotels and 10 motels and inns.

- Hilton Pasadena – 296 rooms
- The Langham, Huntington Hotel & Spa – 380 rooms
- Old Pasadena Courtyard by Marriott – 314 rooms
- Sheraton Pasadena – 311 rooms
- The Westin Pasadena – 350 rooms



**PASADENA**  
Convention & Visitors Bureau  
PasadenaMeetings.com

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