

## NASA's Jet Propulsion Laboratory ALVA Program 2009

### What

- *Alliance for Learning and Vision for Under-represented Americans* (ALVA) is a summer "bridge" program for incoming freshmen that have been accepted for enrollment in engineering programs at the University of Hawaii at Manoa. ALVA is a partnership program between NASA's Jet Propulsion Laboratory (JPL) in Pasadena, California and the University of Hawaii at Manoa focused on recruiting and retaining historically underserved American students interested in pursuing careers in science, technology, engineering, and mathematics.
  - Students gain practical knowledge working on specific research projects while supporting their academic success through tutoring, mentoring, and internship opportunities at JPL.
  - Students spend part of their time working on research tasks and a portion attending mathematics workshops.
  - The combination of work and classroom time is intended to give students a head start to their college education.

### Who

- Spaces are available for incoming, University of Hawaii at Manoa freshmen that have been accepted for enrollment in engineering programs.
  - Applicants must be U.S. citizens.

### When

- This is an eight-week program from June 22-August 14, 2009.
  - Flight arrangements-TBA. We will notify participating students of these dates.

### Where

- Located near the California Institute of Technology (Caltech) campus in Pasadena, California.
  - ALVA students will be housed near the Caltech campus for the entire duration of the program.
  - Internships will take place at the Jet Propulsion Laboratory in Pasadena, California.

### Cost

- No application fee required.
- Flight transportation and housing assistance will be provided.
- Students will need to cover the cost of their meals and incidental expenses.
  - Dining services are available on the Caltech campus and at JPL.
  - Linen packages are available for purchase through the Caltech housing office.
- Students will earn a stipend for successfully completing the 8-week internship program.

### Transportation

- A shuttle service is available between Caltech and JPL. Bus schedules and maps will be available to all participants.
- Students are responsible for finding their own transportation for any activities/events not related to or offered by JPL.