HELP CENTENNIAL

Approximately sixty students are needed to carry out a variety of "aid" jobs during the Centennial Week. Students working as aids will receive, as compensation, a pair of tickets for each of at least three of the six major events of the week. About twenty students will work from Sunday, April 2, to Thursday, April 6, and a different forty from Friday, April 7, to Sunday, April 9. Students interested in applying for these jobs should contact their living group president, Pete Gray, or the office of Student Personnel.

PIONEERING IN SPACE RESEARCH VIA SPACECRAFT

Since the beginning of his intellectual awareness, Man has looked upward to the outer void surrounding his planet Earth. He has watched the twinkling stars and wandered at the never-ending dance of the planets around the Sun. He has dreamed and written of the possibility of exploring outer space and speculate endlessly on what he might find should he be able to explore these silent spheres.

A practical beginning to these century-long yearnings has already been accomplished with man-made satellites already circling the Earth. Now, the next major step-under way—the daring attempt to explore the Moon and the planets of our Solar System and their environments.

The National Aeronautics and Space Administration has assigned Caltech's Jet Propulsion Laboratory (JPL) the responsibility for the Nation's program of unmanned lunar, planetary, and interplanetary exploration. The objectives of this program are to contribute to mankind's fundamental knowledge of space and the space environment and to the development of the technology of space exploration. For the next ten years, as larger booster vehicles become available, spacecraft with ever-increasing scientific instrument payloads will be developed.

JPL will conduct the missions utilizing these spacecraft to orbit and land on the Moon, to probe interplanetary space, and to orbit and land on Venus and Mars and for planets.

Early in these spacecraft will be the "Ranger" model, now being designed, developed and tested at JPL. The mission of this particular series will include first, exploration of the environment and later the landing of instrument capsules on the Moon.

Subsequent steps will continue a constant probing for the knowledge of what is beyond and will require all the skills, ingenuity, courage, endurance, perception and imagination that Man can bring to the task.

Never before has such a wide vista of opportunity, or a greater incentive been opened to men trained in all fields of modern science and engineering. Every day at JPL new problems arise, new theories are advanced, new methods tried, new materials used, and new principles discovered. Wouldn't you like to be part of this exciting activity?