Karvel K. Thornber, a freshman from Portland, Oregon, is the sixth Caltech student to receive an Alumni Scholarship. The award—a four-year, full-tuition grant made possible by an endowment created by Caltech alumni, through past contributions to the Alumni Fund—has been given each fall since 1954. Karvel ranked first in his class of 360 at Franklin High School, and was on the Honor Roll for four years. His athletic activities include swimming and basketball (he was a high-school letterman in both), track and mountaineering. His father is a civil engineer for the U.S. Government. Karvel hopes to go on to graduate work in electrical or mechanical engineering after he gets his BS.

Alumni Tour

Word is reaching the Alumni Association of the interest and enthusiasm with which Professor and Mrs. Royal W. Sorensen are being greeted on their tour across the country, visiting alumni in many cities, in order to show the tremendous changes taking place on campus.

Professor Sorensen spoke before about 54 alumni and wives at a dinner meeting held on October 12 at the Fior D'Italia Restaurant in San Francisco, according to Lee A. Henderson '54, secretary-treasurer of the San Francisco Chapter.

Richard G. King '49, secretary of the Washington, D. C., Chapter, also writes of a successful dinner meeting attended by about 20 alumni and wives.

THESE R&D PROJECTS FOR FUTURE DECADES IN SPACE typify Lockheed's vast program of Air/Space Science

New programs under development at Lockheed's California Division are planned to solve America's future exploration projects into space. The new multimillion-dollar Research Center in nearby San Gabriel mountains is further evidence of Lockheed's determination to support and supplement its already extensive research and development activities.

Important forward-looking research and development projects now being conducted at Lockheed in Burbank are: Space Transports; Infrared System studies; Vertical Take-off and Landing Vehicles; Helicopters and Supersonic Transports.

Career opportunities exist in: Aero-thermodynamics; propulsion; armament; electronics—research and systems; servomechanisms—flight controls; sound and vibration; operations research; physics; antenna and telemetry; underwater sound propagation; and for engineers with experience in structural, electrical and mechanical design.

Write today to: Mr. E. W. Des Lauriers, Manager Professional Placement Staff, Dept. 3211B, 2400 North Hollywood Way, Burbank, California.

LOCKHEED CALIFORNIA DIVISION/BURBANK CALIFORNIA Engineering and Science
Professor and Mrs. Sorenson were the guests at a meeting held on October 19 in the Fifth Avenue Hotel, New York City, attended by nearly 50 alumni and wives. Harry J. Moore '48, current secretary of the New York Chapter, reports that this was the annual meeting at which new officers for 1960 were elected. Professor Sorenson showed slides and talked on the building program at Caltech and about his India trip. A second meeting at the Bell Telephone Laboratories in Murray Hill, New Jersey, was attended by 21 alumni.

On October 23 Professor and Mrs. Sorenson were guests of the Detroit area alumni at a dinner held at Kingsley Inn in Bloomfield Hills, arranged by Jay C. Taylor '35.

A dinner and meeting is planned for alumni in and near Houston, Texas, for November 16 or 17, to honor the Sorensens and learn of the development program at the Institute. John G. McLean '38 and W. F. Wilson '22 are working to make this an outstanding event.

— Donald S. Clark, Secretary, Alumni Association

Frontiers in Science

Frontiers in Science, the book made up of articles from Engineering and Science, has sold over 17,500 copies since it was published in May, 1958, by Basic Books, Inc. Royalties received to date amount to $9,029.90. The Board of Directors of the Caltech Alumni Association has voted to contribute all royalties to the Development Program, for credit to faculty salaries.

Dinner, Game and Dance

Caltech students have invited the alumni and their wives and friends to join them for a buffet dinner in the Student Houses before the Claremont-Harvey Mudd game in the Rose Bowl on November 20. This is Caltech's last football game of the season. A dance will be held in the Fleming-Ricketts courtyard after the game. This will be a fine opportunity for a social gathering of alumni and undergraduates. Make up a group and come along for dinner and an enjoyable evening. Announcements will be in the mail to all alumni in southern California early this month.

— John D. Gee, Chairman, Program Committee

Among the Missing

The Alumni Association is trying to complete its file of Caltech publications and is still lacking some early issues of the school's annuals. Would anyone who has copies of the following publications be willing to send them to the Association?

1896 through 1912 — The Polytechnic
1913 through 1920 — The Throop Tech

PLASMA PHYSICISTS

Positions in Southern California

Ph. D. or equivalent in:
NUCLEAR PHYSICS
SOLID STATE PHYSICS
PHYSICAL CHEMISTRY
APPLIED MECHANICS
THEORETICAL MATHEMATICS

Space Research Laboratories of Litton Industries in Southern California has openings now for men who are capable of conceiving and conducting advanced research in the above fields. For further information please contact Mr. Joseph Cryden, Litton Industries, 336 No. Foothill Road, Beverly Hills, California.

LITTON INDUSTRIES
Electronic Equipments Division
Beverly Hills, California