

## Chairman

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In the division of geological and planetary sciences, faculty members study the earth and planets in order to understand their origin, constitution, and development, and the effect of the resulting physical and chemical environments on the history of life, and on man. The approach to these problems is made with strong reliance on the basic sciences. programs of study and research are pursued in geology, geobiology, geochemistry, geophysics, and planetary science. The curriculum is flexible so that students with degrees in biology, chemistry, engineering, or physics may carry out graduate work within the division. Interdisciplinary studies are encouraged and students may carry out academic and research programs within and between different divisions.

## Assistantships, scholarships, fellowships

Each year the Division awards a number of graduate teaching and research assistantships. In 1998-99, they provide stipends of up to \$17,088 annually. The holder of such an appointment also receives a tuition scholarship and is permitted to carry a full academic program.

Also available are a number of fellowships that require no departmental duties. These provide tuition, an initial academic-year stipend of up to \$15,900 (plus supplemental assistance to raise the amount to the graduate assistant level). Special fellowships such as the Beno Gutenberg Fellowship, awarded to an outstanding first-year student in geophysics, provide a stipend of \$17,088 in addition to tuition.

## Aims and scope of graduate studies

Graduate students in the Division of Geological and Planetary Sciences enter with very diverse undergraduate preparation -- majors in astronomy, biology, chemistry, mathematics, and physics, as well as in geochemistry, geology, and geophysics. Graduate study and research within the division are equally diverse, and the graduate program aims to provide for students a depth of competence and experience in their major field, sufficient strength in the basic sciences to allow them to continue self-education after their formal training has been completed, and the motivation and training to keep them in the forefront of their field through a long and productive career.

## Applying for Admission

Complete applications for admission and financial aid should be received before January 15. Applicants will be notified of the results before April 1. Applicants are required to submit Graduate Record Examination (GRE) scores for the aptitude tests and the advanced test in their field of undergraduate specialty. Applicants from non-English-speaking nations are required to submit Test of English as a Foreign Language (TOEFL) scores. Applications are available from the Dean of Graduate Studies, MC 02-31, California Institute of Technology, Pasadena, CA 91125, or from the Institute Graduate Admissions home page (<http://www.gps.caltech.edu/admissions/catalog/>).

The California Institute of Technology is committed to the concept of equal educational opportunity for all. Individuals are considered for admission to student status, and all services, facilities, programs, and activities are administered in a nondiscriminatory manner without regard to (a) race, religion, color, sex, sexual orientation, parental or family marital status, national or ethnic origin or nondisqualifying disability; or (b) any other factor which is, in fact, irrelevant to student status or to the rendering of services, facilities, programs, or activities. In addition, the many Federal and State laws, and regulations issued thereunder, which bar discrimination in educational programs and related activities, are also applicable.

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division of geological and planetary sciences

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