



President DuBridge and Board Chairman Arnold Beckman announce Caltech's development campaign to the press.

SCIENCE FOR MANKIND: FIVE YEARS—\$85 MILLION

On November 5, 1967, Caltech officially announced to the world what had been brewing behind the scenes at the Institute for some three years—a major development campaign to underwrite Caltech's programs for the future. The Institute intends to raise \$85.4 million for three vital areas: facilities (\$26.6 million for new buildings; \$4.7 million for rehabilitation); endowment for faculty positions (\$19.4 million); and operating funds to support research and study (\$34.7 million).

Throughout the busy month of November, Institute officials met with groups of Caltech friends and alumni to outline the development plans. The largest meeting was on November 8, when some 800 people gathered at the Ambassador Hotel in Los Angeles to hear California Governor Ronald Reagan explain the importance of private support for higher education in general and Caltech in particular. Special dinner meetings with alumni were held in 20 cities, and visiting speakers included Caltech trustee Simon Ramo (PhD '36), who is national chairman of the campaign; Ruben F. Mettler ('44, PhD '49), chairman of the alumni phase of the campaign; President DuBridge; Arnold O. Beckman (PhD '28), chairman of the Caltech board of trustees; and William Nash Jr. ('38, PhD '42)

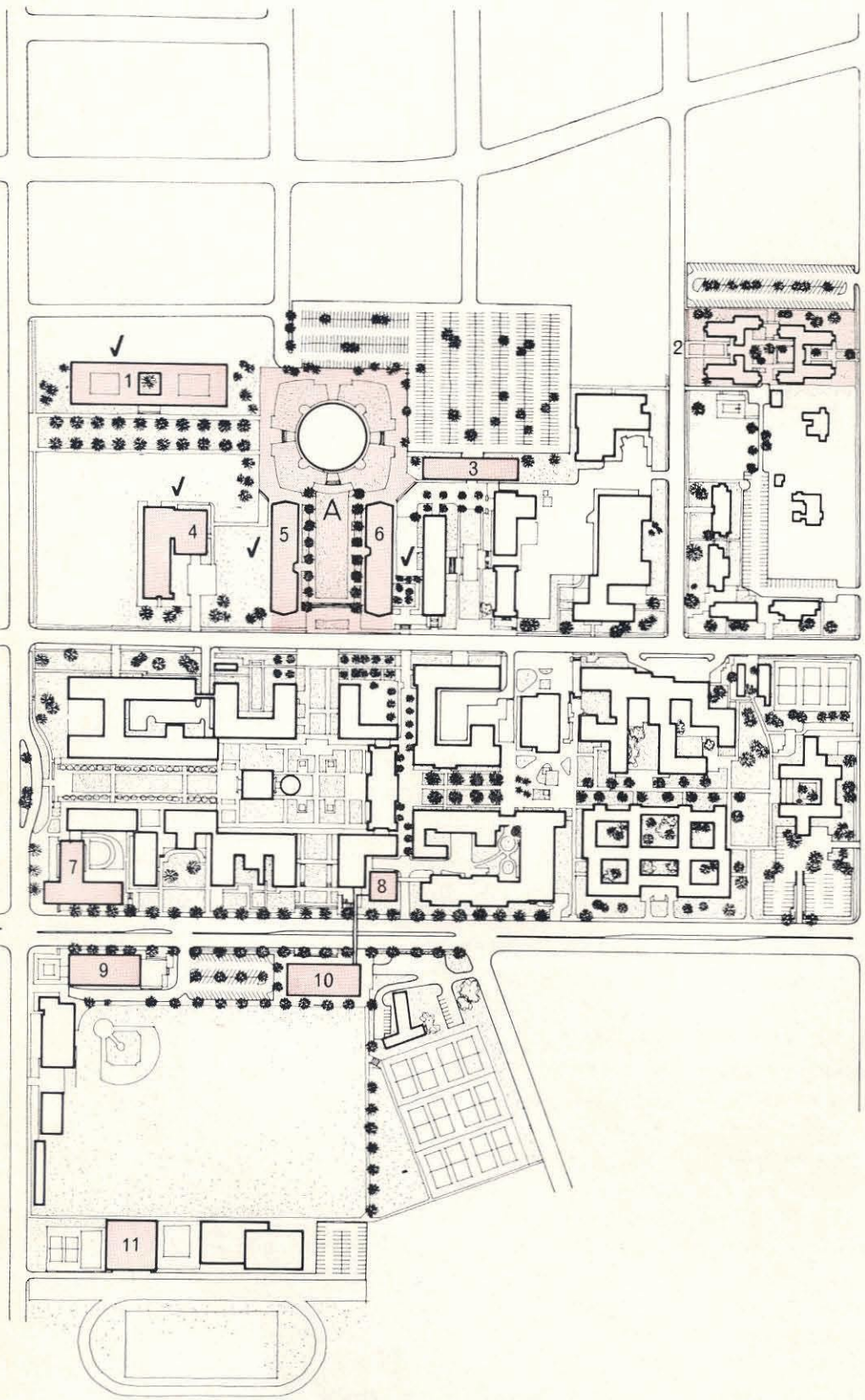
and Richard Schuster Jr. ('46), assistant chairmen of the alumni phase.

Caltech alumni, of whom there are about 10,000, had been expected to raise at least \$2 million—without counting any major gifts of more than \$100,000. Now that solicitation has begun and responses are rolling in, it appears likely that enthusiastic alumni will exceed the \$2 million goal, and total alumni contributions, including major gifts, may approach \$10 million before the campaign is over.

FACILITIES

The campaign may actually be overdue; Caltech has been bursting at its seams for several years. A steadily growing graduate student body and the extension of study into new fields are the main reasons. Dabney Hall of the Humanities, built to meet foreseeable needs in 1928, can't begin to house the staff or classes of that division today. Geophysicists are housed both on and off campus and need a place to work together. Planetary scientists, a growing and important part of geology at Caltech, are crowded into corners and basements of buildings completed 30 years ago, 20 years before their field even came into existence. Astrophysicists and astronomers are unable to work together as they should because some are located at the off-campus Observatories' headquarters and others are on cam-

CALTECH'S GROWING CAMPUS






Key

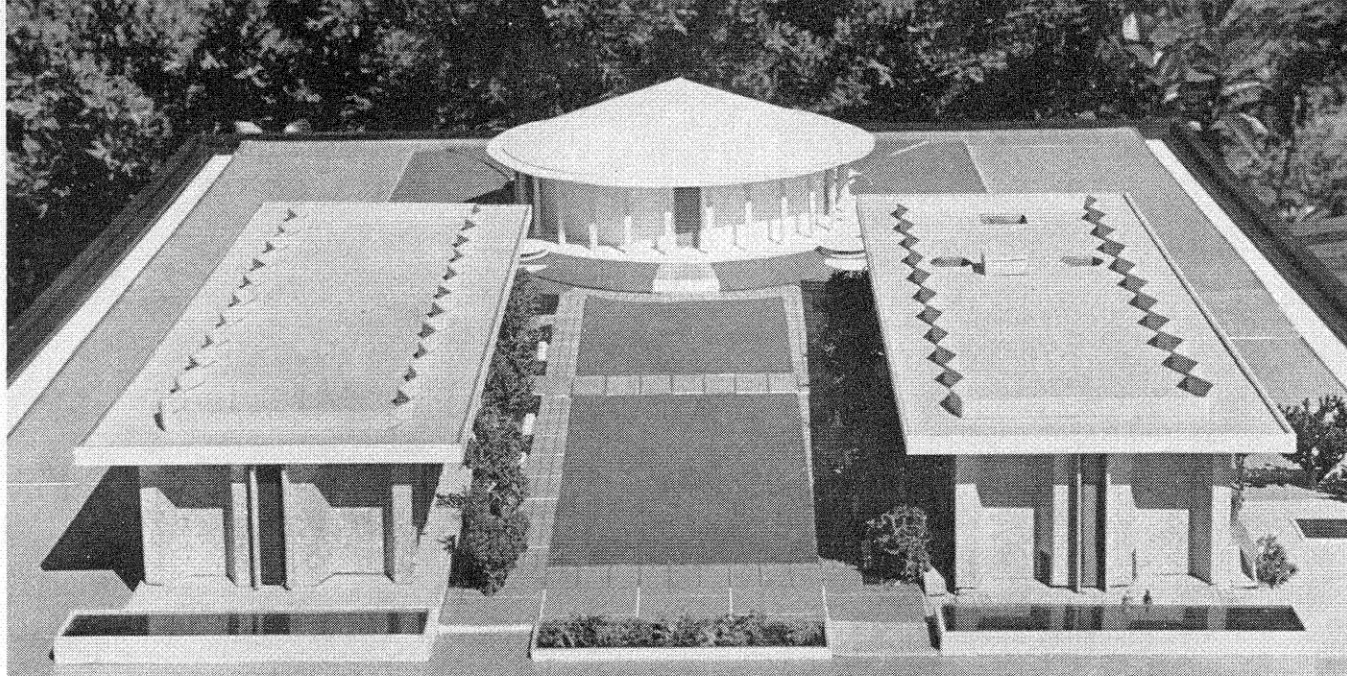
- A. The Court of Man
- 1. Astrophysics
- 2. Graduate Residence Halls
- 3. Engineering
- 4. Chemical Physics
- 5. Behavioral Biology
- 6. Humanities and Social Sciences
- 7. Geophysics and Planetary Sciences
- 8. Applied Mathematics
- 9. Business Operations
- 10. Cyclotron Building
- 11. Physical Education

Off-campus

- Radio Astronomy (Owens Valley)
- 60-Inch Telescope Dome (Palomar)

Legend

-  Existing Buildings
-  Proposed Buildings
-  Funded Buildings



Beckman Laboratory of Behavioral Biology (left) and Donald E. Baxter, MD, Hall of Humanities and Social Sciences (right) will soon flank Beckman Auditorium (built in 1964) to form the new Court of Man.

pus. Chemists, particularly those in the developing field of chemical physics, and biologists who are beginning to study bases of behavior need space badly.

The increasing number of graduate students (731 today, up 306 since 1957) has severely taxed the already limited off-campus housing situation. The four graduate houses have been filled for years. Athletic facilities too are overcrowded now that the student body numbers 1,429. New buildings will ease these burdens.

Caltech's business operations, which also serve JPL, are crowded into Throop Hall (built in 1910); they need much more space.

The squeeze is somewhat less critical in the engineering areas, primarily because six new engineering buildings have been added in the last ten years. Even so, that division foresees the need for more space within a few years.

FACULTY ENDOWMENT

Competition grows keener each year for the great minds that make great universities. Caltech can still offer potential faculty members the benefits that

go with working at a small, highly creative institution—and they are not to be discounted—but those benefits must be backed up by competitive salaries. For that reason Caltech is focusing particular attention in this campaign on raising money to endow professorial salaries, including at least 15 new chairs at a minimum of \$750,000 each. Caltech now has only seven named professorships. One new chair, to honor Clark B. Millikan, has already been assured by the Aerojet-General Corporation.

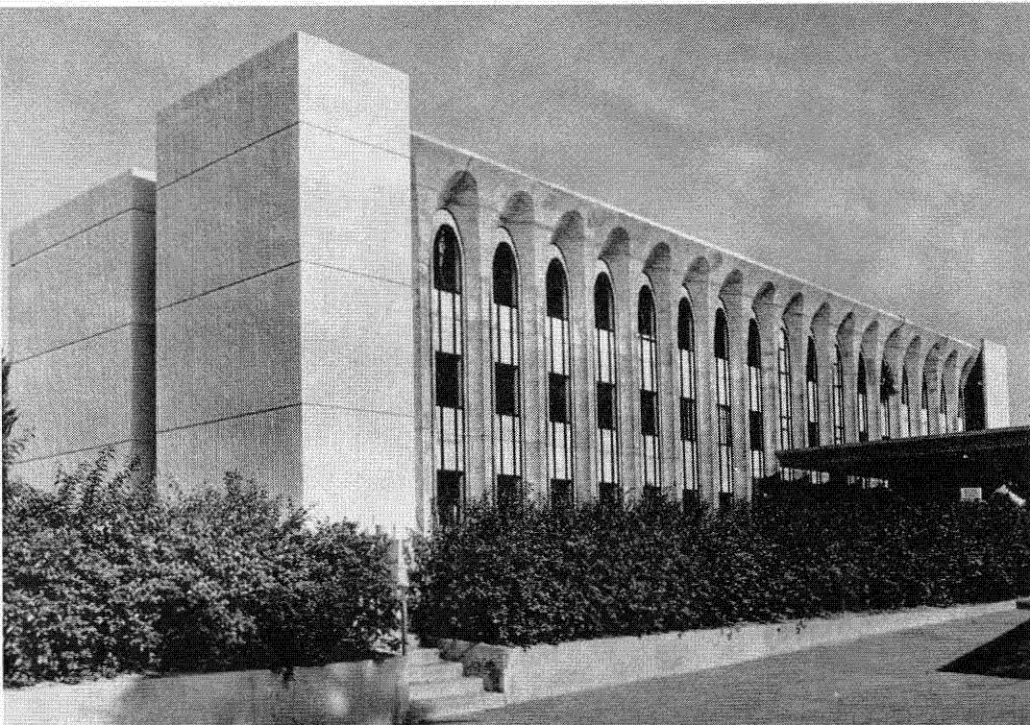
OPERATING FUNDS

The largest item in the campaign is to many the least glamorous—operating funds. It takes millions of dollars each year to run Caltech, and as Caltech expands its work that amount rises accordingly—without a corresponding increase in revenues. The \$34.7 million needed over the next five years represents \$21.7 million in new support and \$13.0 million of “normal” private support that Caltech would expect to receive without a campaign.

According to Dr. Ramo, the success of the campaign will depend in large part on a dedicated volunteer force. He has formed a “Committee of 100”

Proposed geophysics and planetary sciences laboratory at the corner of Wilson and California.





A. A. Noyes Laboratory of Chemical Physics is now nearly completed. It will be occupied in early 1968.

to bring Caltech's needs before a select group of individuals, corporations, and foundations throughout the country. As of December 1 the Committee has been largely responsible for the \$21.2 million, 24.8 percent of the goal, now pledged. Additionally, 83 geographically divided alumni groups with some 800 alumni volunteers have, in only two months, passed the \$700,000 mark on their way to a minimum goal of \$2.0 million.

MAJOR GIFTS FOR BUILDINGS GIVEN OR PLEDGED:

\$2.2 million from an alumnus (who prefers to remain anonymous) for a laboratory of chemical physics, to be named in honor of A. A. Noyes. Construction of this building is nearly complete.

\$2.8 million from Mrs. Delia B. Baxter for the Don-

ald E. Baxter, MD, Hall of Humanities and Social Sciences, in memory of her husband.

\$2.2 million from Dr. and Mrs. Arnold O. Beckman for a laboratory of behavioral biology.

\$450,000 from Caltech trustee Earle M. Jorgensen and Mrs. Jorgensen for a laboratory and living quarters for the Owens Valley Radio Observatory.

\$2.8 million provided by Caltech trustee Seeley Mudd for an astrophysics laboratory to be built in conjunction with a building funded by the Carnegie Institution of Washington to house headquarters for the Mt. Wilson and Palomar Observatories.

\$250,000 from the Oscar G. Mayer family for construction of a building to house a new 60-inch telescope at Palomar Observatory.

A complex of four new residence halls which will accommodate 200 of the growing graduate student body.

