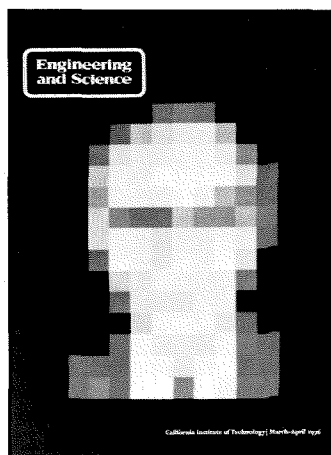


In This Issue



Anyone You Know?

On the cover—A picture of a well-known Caltech figure. Stumped? See page 15.

Promises to Keep

In the years since Paul Saltman picked up his Caltech degrees (BS '49, PhD '53), he's racked up an impressive record as a scientist, educator, and administrator—and as a dynamic spokesman for all three professions. Whether he's in person, on paper, or on radio or television, Saltman has a way of tailoring, but not trimming, his remarks to suit the occasion—keeping his audiences both stimulated and respectful.

Now vice chancellor for academic affairs at UCSD, Saltman still works at being also a teacher and a "card-carrying" biochemist. He earned those credentials in the 14 years he spent on the faculty at USC, where he also received an "Excellence in Teaching" award from the students along with plaudits from his peers for his work on the chemistry of iron metabolism. Caltech awarded him its Alumni Distinguished Service Award in 1973 in recognition of those accomplishments and his services to the development of excellence in undergraduate education at Revelle College, UCSD, where he became provost in 1967.



Saltman

Speaking out of both knowledge and experience, then, in "Promises, Promises" (page 4) Saltman assesses the obligations and limitations of today's university.



Levine

Consumer Advocate

The man with the most impressive title at Caltech may easily be Michael E. Levine, Henry R. Luce Professor of Law and Social Change in the Technological Society. As if that weren't enough, he also holds an appointment as professor of law at the University of Southern California. Titles are not the only impressive things about Levine; so are his experience and interest in applications of law to the solution of social problems.

After receiving his BA in philosophy at Reed College in 1962, Levine entered law school at Yale, receiving a JD in 1965. Since then he's worked as an attorney for the Civil Aeronautics Board, as special assistant to the task force on Economic Growth and Opportunity for the U.S. Chamber of Commerce, and as a law and economics fellow at the University of Chicago Law School. He came to Caltech in 1973, having progressed through a series of increasingly prestigious consulting and academic appointments at a speed resembling that of the aircraft he discusses in "Does Airline Regulation Benefit the Consumer?" on page 18. This article is taken directly from a transcript of Levine's Watson Lecture at Beckman Auditorium on January 19.

Material Resources

Alumnus James Boyd (BS '27), who is now president of Materials Associates, Inc., of Washington, D.C., came back to campus recently to deliver the 1975 John Peter Buwalda Memorial Lecture. He was introduced to the audience in Beckman Auditorium by Barclay Kamb, chairman of



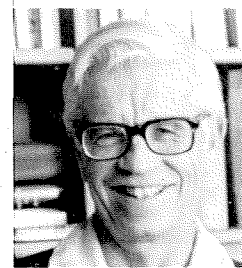
Boyd

the division of geological and planetary sciences. Kamb listed an impressive array of academic, governmental, and industrial accomplishments by Boyd in the fields of both geology and mining, and he particularly singled out the fact that Boyd "was the executive secretary of the National Commission on Materials Policy, which was created by Congress three or four years ago 'to utilize present resources and technology more effectively, anticipate the future materials requirements of the nation and the world, and make recommendations on the supply, use, recovery, and disposal of materials.' This commission thoroughly investigated the problems of mineral and other natural resources of the country, giving Jim Boyd a broad perspective and background from which to draw for this talk."

"Materials from the Earth: The Stuff Things Are Made Of" on page 22 is adapted from Boyd's talk.

How It Was

Nostalgia can be a tricky commodity, except in the hands of an expert like J. Kent Clark, professor of English. His reflections on the late Paul Eaton, associate professor of English and dean of students from 1947 until his retirement in 1969, resulted in a warm and lively letter to the editor of *E&S*, which we share with you in "Character and Action" on page 24.



Clark

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