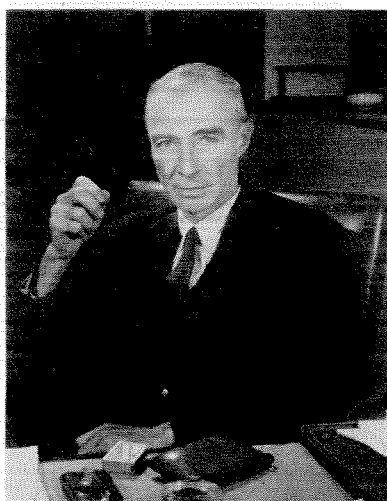


# ENGINEERING AND SCIENCE

## IN THIS ISSUE



ON THE COVER—J. Robert Oppenheimer, who came to the campus for five days this month as one of the Caltech YMCA's Leaders of America. Though most of his time was spent in informal discussion, Dr. Oppenheimer gave one formal address during his stay. On page 17—his "Talk to Undergraduates."

OUR OPPENHEIMER cover portrait was taken by Muriel Harvey, the wife of Thomas W. Harvey, administrative assistant in physics. The Harveys, who are both photographers, specialize in portraits, and in our December issue we ran a selection from their Caltech faculty collection. Apparently it wasn't enough of a selection, though, because readers have been asking for more ever since. So—on pages 22-27—a second installment of Harvey portraits. These are credited simply to "Harvey"—because not even the Harveys know which Harvey took which.

JAMES BONNER, professor of biology, writes about a fascinating new development in plant physiology on page 28. Dr. Bonner, who got his PhD from Caltech in 1934, was the first graduate student to get a degree in plant physiology here. After a year in Holland and Switzerland as a National Research Council Fellow, he returned to Caltech in 1935, and has been on the faculty ever since.

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