

The Far Reach of Science

Six distinguished Caltech scientists joined forces this spring to compress into a single symposium their knowledge of "The Far Reach of Science."

This day-long program was originally presented to more than 400 business executives in New York on March 18 and was repeated two days later for a similar audience in Chicago. The symposium was an invitational conference sponsored by *Life* magazine, in cooperation with Caltech, to give business and industrial leaders some insight into what modern science is all about.

The speakers addressed themselves to some of the most basic questions of science:

What is the nature of the universe?

What is the nature of life?

How does such knowledge affect our daily lives?

Caltech president Lee A. DuBridge presented an introduction to this experiment in education and pointed up the interrelationships between the various scientific disciplines represented by the five speakers—William A. Fowler (astrophysics), Murray Gell-Mann (theoretical physics), Robert Sinsheimer (biophysics), James Bonner (biology), and Harrison Brown (geochemistry, and science and government).

This issue of *Engineering and Science* is devoted to these talks which so successfully prove why some understanding of modern science is not only important for businessmen but for every one of us.