

## **Dr. James Arnold elected to National Academy of Sciences**

**April 28, 1964**

James R. Arnold, Professor of Chemistry, University of California, San Diego, has been elected to membership in the National Academy of Sciences, recognized as one of the highest honors that can come to a United States scientist.

Dr. Arnold is the fifteenth member of the UCSD staff so honored. He and three other UC professors were elected members at the 101st Annual meeting of the Academy in Washington. Two of the new members come from the Berkeley campus and one from Santa Barbara.

At 40, Dr. Arnold is a leading authority on cosmic-ray induced radioactivity. His work in this field has advanced knowledge of the formation of radioactive isotopes in meteorites and from this have come new clues to the development of the solar system. Continuing early work he began with Dr. Willard Libby, Nobel laureate chemist now at UCLA, he improved low-level counting techniques that allowed the further development of the famed radiocarbon dating process.

Dr. Arnold is a native of New Brunswick, N. J., graduate of Princeton University with a Ph.D. awarded in 1946 and served both at Princeton and the University of Chicago before joining the UCSD faculty in 1958.