

Control of the By-products of Growth -- Panel at UCSD Campus

June 9, 1963

Ways in which science helps to control some of the by-products of a growing society-- water, and energy shortages, smog and noise-- will be examined by leading research scientists at the University of California, San Diego, conference, "The Impact of Science," June 13-14.

Speaking will be acoustician Leo Beranek, President of Bolt, Beranek and Newman, Inc., of Cambridge, Massachusetts; John T. Middleton, Chairman of the University of California's Air Pollution Research Center at Riverside; John D. Isaacs, Program Director of Marine Life Research at the Scripps Institution of Oceanography; and General Atomic President Frederic de Hoffmann.

Their panel, "Control of the By-products of Growth," will be held at 2:00 p.m., Thursday, June 13, at UCSD's Sumner Auditorium.

Many of the nation's leading scientists will participate in the UCSD conference, one of seven to be sponsored this year by the University of California to mark the emergence of California as the most populous state in the United States.

Dr. Beranek's myriad research interests include noise control in airplanes, concert halls, offices, factories, ventilating systems, and airports. He lectures at the Massachusetts Institute of Technology, has written four standard textbooks in the field of acoustics, and has received the Wallace Clement Sabine Award of the Acoustical Society of America for internationally recognized achievements in all phases of architectural acoustics.

Besides his duties as Chairman of the University's Air Pollution Research Center, Dr. Middleton is also Chairman of the Departments of Plant Pathology at the UC Los Angeles and Riverside campuses. He has been a member of the State's Air Sanitation Advisory Committee since 1958 and has advised on air pollution matters to many large corporations.

Dr. Isaacs joined the faculty of the Scripps Institution in 1948. Since then, he has participated in many of the Scripps expeditions, pursuing his chief fields of study which include the dynamic causal factors of motion in the sea, motion of waves, organisms and sediments.

Recently he headed a National Academy of Sciences-National Research Council panel which investigated procedures for the disposal of radioactive materials off the Pacific Coast.

Dr. de Hoffmann is an authority on nuclear reactor theory and high energy nuclear physics, and was a member of the team which, during World War II, built and operated the world's first homogeneous reactor known as the "water boiler" at Los Alamos Scientific Laboratory. Today, the firm which he heads comprises the world's largest privately-owned center of nuclear research and development.

As President of General Atomic, he has directed the creation and development of advanced-concept systems of power production and energy conversion, including the High Temperature Gas-cooled nuclear reactor (HTGR).

Further information regarding the conference may be obtained by writing: Growth Conference Committee, University of California, San Diego, P. O. Box 109, La Jolla, California.