

Three professors named as initial appointees in Bioengineering

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Three distinguished professors have been named as the initial appointees in the field of bioengineering on the San Diego campus of the University of California, by University President Clark Kerr and San Diego Chancellor John S. Galbraith it has been announced. The three are: Dr. Y. C. Fung, appointed Professor of Bioengineering and Applied Mechanics; Dr. Marcos Intaglietta, appointed Assistant Professor of Bioengineering; and Dr. B. W. Zweifach, appointed Professor of Bioengineering.

The UCSD program in bioengineering derives its support from funds designated for the development of an outstanding medical school on the San Diego campus. Bioengineering represents one of a number of interdisciplinary activities involving the developing UCSD School of Medicine and various teaching departments in the physical and social sciences.

The three appointees in bioengineering are members of the Department of the Aerospace and Mechanical Engineering Sciences.

Dr. Y. C. Fung has been Professor of Aeronautics at the California Institute of Technology since 1959. He is one of the world's leading authorities on aeroelasticity, i.e., the behavior of solid materials under aerodynamic loading such as the flapping of the wings of jet aircraft in wind gusts. Dr. Fung's book on "aeroelasticity," which was written in 1955, is the classical text in the field. Professor Fung is also the author of numerous original publications and of a textbook on the "Foundations of Solid Mechanics." He has been actively working in bioengineering for a number of years and has been especially interested in the elastic properties of blood capillaries, connective tissues, and in the problem of blood circulation in the human body.

Dr. Marcos Intaglietta is an Argentinian by birth who was trained at Berkeley and at the California Institute of Technology. He is an expert on the flow properties of large molecules and is currently serving as a Research Fellow in Engineering at the California Institute of Technology.

Dr. B. W. Zweifach is a renowned physiologist who has held a chair as Professor of Pathology at the New York University Medical Center for many years. Professor Zweifach is acclaimed throughout the world as a pioneer in the scientific study of the mechanism of blood circulation and heart action in warm-blooded animals and humans. He is the author of about 200 original publications dealing with physiological research and, like Professor Fung, is a member or fellow of numerous learned societies. In 1964, Professor Zweifach was awarded the Claude Bernard Medal in Physiology.

While on sabbatical leave from New York University, during the 1964-65 academic year, Professor Zweifach collaborated with Professors Fung and Intaglietta on a research program involving the study of blood circulation and the properties of veins and arteries. The appointment of this distinguished group to the UCSD faculty assures the successful development of another important discipline on the local campus.

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