

## **Dr. Marcos Intaglietta named recipient of Senior U.S. Scientist Award from the Humboldt Foundation of the Federal Republic of Germany**

**April 22, 1982**

Dr. Marcos Intaglietta, professor of Bioengineering in the Department of Applied Mechanics and Engineering Sciences at the University of California, San Diego, has been named recipient of the Senior U.S. Scientist Award from the Humboldt Foundation of the Federal Republic of Germany.

This prestigious award is given each year to American senior scientists who are recognized for their activities in science and teaching.

The award was instituted to commemorate the 25th anniversary of the Marshall Plan and is designed to promote the scientific cooperation between research institutions in Germany and the United States, in this instance Heidelberg University and UCSD.

Intaglietta earned his Ph.D. at California Institute of Technology in 1963 and has been a member of the UCSD faculty since 1966. During this time he has taught and done research throughout the world on the physiology of microscopic blood vessels.

Over the past 15 years Intaglietta has developed video and computer instruments for studying blood vessels which have generated fundamentally new ideas about how the cardiovascular system works.

Intaglietta's recent research efforts have shown that the microscopic vessels behave in a manner similar to small hearts, each contracting and relaxing as they regulate the flow of blood.

In addition to his teaching and travels, Intaglietta is the author of more than 100 research publications, and a member of several research societies.

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