

HUBERTUS STRUGHOLD, M.D., Ph.D.
ADVISOR FOR RESEARCH

Dr. Strughold was born June 15, 1898, in Westtuennen, Westfalia, Germany. He studied medicine and natural sciences at the Universities of Muenster, Goettingen, Munich and Wuerzburg. He received his Ph.D. degree from the University of Muenster in 1922 and his M.D. degree from the University of Wuerzburg in 1923.

Dr. Strughold was research assistant to Professor Max von Frey at the Physiological Institute in Wuerzburg until 1927. Specializing early in aviation medicine, he gave the first lectures in this field in the summer semester, 1927, at Wuerzburg. In 1928-29 he visited the United States as a Fellow of the Rockefeller Foundation to perform research at Western Reserve University in Cleveland under Professor Carl Wiggers, and at the University of Chicago under Professor A. Carlson. In 1929 Dr. Strughold was again research assistant and lecturer in physiology and aviation medicine at the University of Wuerzburg, until 1935 when he became director of the Aeromedical Research Institute in Berlin and associate professor of physiology at the University of Berlin. After the war he was appointed director of the Physiological Institute of the University of Heidelberg in 1946. In 1947 he joined the staff of the School of Aviation Medicine of the United States Air Force. In 1949 Dr. Strughold was appointed chief of the newly founded Department of Space Medicine at the School. In 1951 he received the academic title of Professor of Aviation Medicine from the Air University.

On 20 July 1956 Dr. Strughold became a citizen of the United States.

He is a member of medical and scientific organizations, both national and international, as follows: German Physiological Society; American Physiological Society; Kaiserlich-Leopoldinische Carolinische Deutsche Akademie der Naturwissenschaften, Germany; Akademia der Wissenschaften of the University of Heidelberg; a charter member of the Space Medicine Association; an honorary member of the Aeromedical Association; member of the American Rocket Society; German Gesellschaft fur Weltraumforschung; the International Astronautical Federation; the International Mars Committee; the American Rocket Society Space Flight Technical Committee, and is a life member of the Sociedade Interplanetaria Brasileira as a space physician and biologist.

In 1945 Dr. Strughold, in the German Air Force Medical Corps, was promoted to colonel and received the German War Merit Cross, Class 2 and 1. He also received the Medal Royal St. Sava Order IV Class, and the Order of the Yugoslavian Crown from the Government of Yugoslavia (1937), the Order of King Vasa from the Government of Sweden (1924), and the Middle Cross of the Holy Hungarian Crown from the Government of Hungary in 1943. For his pioneer research in space medicine, Dr. Strughold was awarded the Herman Oberth Medal of the German Rocket Society at the annual meeting of the International Astronautical Association Congress, at Innsbruck, Austria, in August, 1954. In February, 1958, at the Jet Age Conference of the Air Force Association in Washington, D.C., Dr. Strughold received the Exceptional Civilian Service Award from Secretary of the Air Force James H. Douglas, Jr., for pioneer research in space medicine from 1948 to 1958. In March, 1958, the doctor was presented with the Theodore C. Lyster Award of the Aero Medical Association, for his work in space medicine and allied fields, and that same month the Air University Command named Dr. Strughold the first Professor of Space Medicine. On January 27, 1959, Dr. Strughold was awarded the 1958 Dr. John J. Jeffries Award for his contributions in space and aviation medicine research.

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Dr. Strughold is author of the book, The Green and Red Planet: A Physiological Study of the Possibility of Life on Mars, and 130 professional papers on physiology, aviation medicine and space medicine. He is co-author of a textbook, Principles of Aviation Medicine, and an atlas on aviation medicine.

For the past several years Dr. Strughold has been guest speaker at over 100 meetings of various organizations both military and civilian, such as the American Rocket Society, the Massachusetts Institute of Technology, the Detroit Engineering Society, Air War College, Air Command and Staff College, symposiums on human factors involved in space operations among aircraft, rocket and satellite industries, local and national medical societies, and local and national educational societies. Dr. Strughold has also participated in TV educational films.