

Dr. James N. Waggoner Biography



James Norman Waggoner - Class of 1943 - b. d. From the EHS Yearbook: "E" Club, Football, Hi-Y, Student Council, Forensics.

Doctor Waggoner Installed President at Washington



James N. Waggoner, M.D.

James N. Waggoner, M.D., Director of Life Sciences, AiResearch Manufacturing Company and Director of Health, Safety, and Aerospace Medicine, Garrett Corporation, Los Angeles, California, was formally installed as the Aerospace Medical Association's 37th President during colorful ceremonies at the Association's Honors Night Banquet, April 13, 1967, climaxing the 38th Annual Scientific Meeting in Washington, D. C.

Receiving the gavel of office from out-going President, Captain Frank B. Voris, USN, Doctor Waggoner made a short statement concerning his plans for the forthcoming year.

Doctor Waggoner was born in Elgin, Illinois, in 1925. He received his undergraduate training at Indiana University, completing his B.S. degree in 1946, and continued at Indiana University School of Medicine for his M.D. degree, granted in 1949. His internship was served at the U. S. Naval Hospital in Oakland, California, and he served on active duty in the U. S. Navy Medical Corps until 1952. A graduate of the U. S. Naval School of Aviation Medicine, Pensacola, he was assigned as Air Group Flight Surgeon on the *USS Princeton* during the Korean conflict, and later as Staff Flight Surgeon at the U. S. Naval Air Station, San Diego, California.

Upon separation from active duty, Dr. Waggoner took a position with the Medical Department of United Air Lines, serving for five years as Assistant Regional Medical Director in Chicago, Illinois, and as Regional Medical Director, Los Angeles, California, for two years. In 1959 he became affiliated with the Garrett Corporation and the Garrett Corporation's AiResearch Manufacturing Division.

As Director of Life Sciences, Dr. Waggoner conducts research and development studies of the human occupancy of present and future space vehicles, including the life support systems for present and future spacecraft. As Director of Health, he is responsible for the medical care and supervision of all divisions of the Garrett Corporation.

Throughout the years, Dr. Waggoner has been engaged in research studies in numerous space medical subjects. He has conducted research on aeroembolism; on the effects of combined stressors of spaceflight on human and subhuman subjects; on definitive metabolic levels of human subjects at various altitude

and work levels in pressure suits; on physiological tolerance to single and double gas systems; on the practical utilization of an orbiting laboratory for biological investigation; on human reaction to various contaminations of gaseous compositions and pressures, various thermal loads and work rates, and various accelerative loads; on the effects of microbiological contamination of closed ecological systems; on the effects of trace contaminants on humans and animals; and on drugs to increase human tolerance to various stressors during space flight. He has contributed to work on bioinstrumentation for the measurement of physiological data in space medical subjects, and to proposals for biological experimentation during missile flights. In addition, Dr. Waggoner has made numerous medical inputs to the project Apollo environmental control system and to a study on supersonic transports.

Doctor Waggoner was certified as a Diplomate of the American Board of Preventive Medicine in Aerospace Medicine in 1957, and as a Diplomate in Preventive Medicine of the Pan-American Medical Association. He has been Regent of the seven Western States for the American College of Preventive Medicine since 1962. In addition to his long term membership in the Aerospace Medical Association he is a member of the American Medical Association, the California State and Los Angeles County Medical Associations, the Airline Medical Directors Association, the Human Factors Society of America, the Aeromedical and Engineering Association, and the American Institute of Aeronautics and Astronautics in which he is an Associate Fellow. He is also a member of the Space Medicine Branch and the Aerospace Industrial Life Sciences Association.

He was elected a Fellow in Aerospace Medicine in 1960. In 1963-64, Dr. Waggoner was President of the Airline Medical Directors Association after having served as its Secretary for many years. Always active in Association affairs, he was Chairman of the Arrangements Committee for the 1959 Los Angeles Meeting; General Chairman for the 1961 Chicago Meeting; and Scientific Program Chairman for the Pan Pacific Symposium in Honolulu in 1963. From 1963 to 1966 he was Chairman of the Association's Life Sciences Committee, having served on that Committee since its inception. During this time the Committee prepared an extensive report on work being done in the Life Sciences Field.

Dr. Waggoner was Co-Chairman of a specialist conference held in St. Louis, Missouri, in October 1965, which was jointly sponsored by the Aerospace Medical Association and by the American Institute of Aeronautics and Astronautics, titled "Conflicts of Two-Gas Atmospheres and Artificial Gravity for Space Flight." Papers presented at this meeting have recently received renewed study in light of the Apollo tragedy.

Dr. Waggoner has authored and co-authored a number of scientific articles, many of which have been published in this journal. His most recent publication is in press and is titled "Human Tolerance to Cabin Pressurization Changes."

Doctor Waggoner is one of the youngest Presidents of the Association, and takes over the reigns of administration at a time when the Association's membership is the largest in its 38 years. He will preside at the 39th Annual Scientific Meeting which will be held at the beautiful Americana Hotel in Bal Harbour, Miami Beach, Florida, May 6-9, 1968.

Committee members for 1967-1968 which have been appointed by Dr. Waggoner and the Executive Council will be announced in a later issue of the journal.

Winners of Association's Annual Awards for 1968

At Honor's Night on the final day of the 39th Annual Scientific Meeting of the Aerospace Medical Association at Miami Beach, Florida, the announcement of those outstanding physicians and scientists who were chosen by the Awards Committee and approved by the Executive Council, to be the 1968 recipients of the Association's Awards, was enthusiastically received by the large number of attendees in the Americana's beautiful Grand Ballroom.

These ten annual awards are given for outstanding contributions and achievements in several related fields of Aerospace and Aviation Medicine. The Association's oldest awards, the Theodore C. Lyster and the Raymond F. Longacre Awards, were both established in 1946, and thus were awarded for the twenty-first time this year. The Lyster Award is given for outstanding achievement in the general field of Aerospace Medicine, and the Longacre Award for outstanding accomplishment in the psycho-

logical and psychiatric aspects of Aerospace Medicine. Three of the Awards, the Boothby, the Edwards, and the Tamisiea are given for achievements directly connected with Aviation Medicine, both in research and practice, and are concerned with pilot health, both general and commercial. The Tuttle Award is for original research in Aerospace Medicine, the Moseley Award for Flight Safety, the Louis H. Bauer Founder's Award for contributions to Space Medicine and the Liljencrantz Award for basic research in the problems of acceleration and altitude.

The announcement of winners for 1968 was made by Dr. George J. Kidera, Medical Director of United Air Lines, Chairman of the Awards Committee. Presentation of the trophies and honoraria were made to the recipients by Doctor James N. Waggoner, President of the Association.

The Aerospace Medical Association is proud to present the 1968 recipients of its ten important annual awards.



LOUIS H. BAUER FOUNDERS AWARD-1968

Presented to

James N. Waggoner, M.D.

Established by Eaton Laboratories Division of the Norwich Pharmacal Company to honor Doctor Bauer, the founder of the Aerospace Medical Association. It is given annually for the most significant contribution in space medicine.

James N. Waggoner, M.D., Director of Life Sciences, AIRResearch Manufacturing Company and Director of Health, Safety, and Aerospace Medicine, Garrett Corporation, Los Angeles, California, was awarded the Louis H. Bauer Founders Award for his outstanding contributions to Space Medicine.

Dr. Waggoner has just completed a most successful year as the 37th President of the Aerospace Medical Association.

A native of Elgin, Illinois, he received his undergraduate training at Indiana University, completing his B.S. degree in 1946, and continued at Indiana University School of Medicine for his M.D. degree, granted in 1949. His internship was served at the U. S. Naval Hospital in Oakland, California, and he served on active duty in the U. S. Navy Medical Corps until 1952. A graduate of the U. S. Naval School of Aviation Medicine, Pensacola, he was assigned as Air Group Flight Surgeon on the USS Princeton during the Korean conflict, and later as Staff Flight Surgeon at the U. S. Naval Air Station, San Diego, California.

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