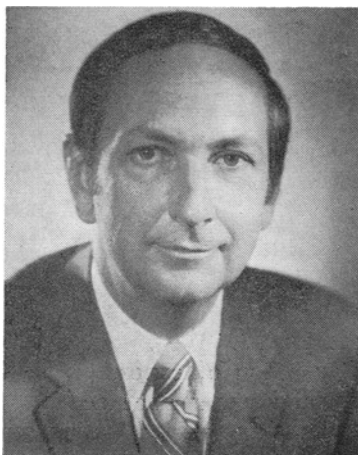


Constituent Associations, Sections and Special Group Presidents for 1969-1970

The Constituent Associations, Sections, and Special Groups of the Aerospace Medical Association installed their new officers for 1969-70 during their annual meetings held during the 40th Annual Scientific Meeting of the parent organization, May 5-8, 1969, at the San Francisco Hilton, San Francisco, California.

Dr. Catlett, New President of AMDA



The Airlines Medical Directors Association's new President is George F. Catlett, M.D., Eastern Regional Medical Director of United Air Lines. Dr. Catlett was installed at the Association's 40th Annual Meeting in San Francisco on May 3, 1969.

A native of North Carolina, Dr. Catlett was graduated from the Temple University School of Medicine in 1948 and Interned at the Bryn Mawr Hospital, Philadelphia. He was a Surgical Resident at Lenox Hill Hospital in New York City, from 1949 to 1951, at which time he was called to active duty in the U. S. Naval Reserve for service in the Korean War. During his Naval career he attended the School of Aviation Medicine at Pensacola and after graduation was designated a Naval Flight Surgeon. While serving with a Marine Fighter Squadron in Korea he was awarded the Bronze Star Medal for Meritorious Service in Combat and the Air Medal for Meritorious Achievement in Flight. These awards were in recognition of his pioneering work in helicopter evacuation of wounded from the front lines under direct enemy fire. After his release from active

duty in 1954, Dr. Catlett joined the medical staff of United Air Lines in San Francisco. The following year he was appointed to head the company's medical facility in New York, with offices at Kennedy International Airport.

As a member of the Aerospace Medical Association, Dr. Catlett has been active on several standing committees and served as Chairman of the Arrangements Committee for the Association's Annual Meeting in New York in 1965. He has served as Secretary of the Airlines Medical Directors Association from 1961 until his election as President. Dr. Catlett is an Associate Fellow of the American College of Chest Physicians.

The new President's special interests in aviation medicine include the application of physical sciences to environmental medicine and high altitude physiology with particular emphasis on the mathematical and thermodynamic treatment of problems in this field. He is the author of numerous articles on respiratory and metabolic problems in aviation medicine, many of which have appeared in the *Journal of Aerospace Medicine*.

Captain Austin, President of Space Medicine Branch



Captain Frank H. Austin, Jr., MC, USN, Head, Life Sciences, Naval Safety Center, Naval Air Station, Norfolk, Virginia, succeeds Doctor George Bradley McNeely as President of the Space Medicine Branch of the Aerospace Medical Association. The Space Medicine Branch Luncheon was held on Wednesday, 7 May at the San

Francisco Hilton Hotel during the 40th Annual Scientific Meeting. Following the luncheon, the new officers of the Branch were introduced into office.

Captain Austin graduated from Southwestern Medical College in Dallas, Texas, in 1948, and entered the U. S. Navy for an Internship and year of General Surgery Residency at Long Beach, California. He then embarked upon a career in Aviation Medicine, completing the Naval School of Aviation Medicine Course in 1951 and serving as a Flight Surgeon with Marine Fighter Squadrons in Korea until 1953. Dr. Austin then returned to the training command and completed the full course of training to become a Designated Naval Aviator in 1954. Thereafter, his duty assignments as a Naval Aviator/Flight Surgeon took him to Air Development Squadron Three, Atlantic City, the Naval Test Center at Patuxent River, Maryland, and Replacement Training Squadron Four at Jacksonville, Florida. In these assignments, Dr. Austin flew as a project and instructor pilot, conducting aeromedical studies and evaluating airborne safety and survival equipment. At Patuxent, he was the first Flight Surgeon to complete the Engineering Test Pilot School, and as a test pilot was Head of the Aeromedical Branch of Service Test for two years. He was one of the first test pilots to fly the Navy, full-pressure suit in zooms above 60,000 feet and during aircraft carrier operations.

This suit was the precursor to the pressure suits developed by NASA for the Mercury space flights.

Dr. Austin was assigned recurrent temporary duty with NASA Manned Space Flight Center beginning in 1960 and as a medical monitor served on the tracking ships, Atlantic and Indian Ocean, for the first Project Mercury manned space flights. On other flights he served later at the Hawaii and Perth, Australia, stations.

Dr. Austin completed his Masters in Preventive Medicine at the University of California, Berkeley, in 1963 and was certified in Aerospace Medicine in 1964. He has subsequently served as Senior Medical Officer of the nuclear carrier Enterprise and was aboard on the around-the-world cruise of Nuclear Task Force One. His most recent assignment was as Head of the Aerospace Medical Flight Safety Branch in the Bureau of Medicine and Surgery and Assistant for Aeromedical Safety to the Deputy Chief of Naval Operations

(AIR) in Washington, D. C. He is currently assigned to the Naval Safety Center, Norfolk, Virginia, as Head of the Life Sciences Department.

Dr. Austin holds several military decorations including the Bronze Star with Combat V, two strike flight air medals and Korean and Viet Nam Commendations, and has written numerous technical and scientific papers and made frequent presentations at the Aerospace Medical Meetings.

He was the recipient of the Julian E. Ward Memorial Award in 1963 and became a Fellow of the Association in 1960. Dr. Austin currently is the Chairman of the Environmental Safety Subcommittee, served on this year's Scientific Program Committee, is on the Executive Council and serves on the FAA Medical Advisory Committee.

Dr. Schreiner, President Aerospace Industrial Life Sciences Association



Doctor Heinz R. Schreiner, Research Supervisor in the Tonawanda Research Department of Union Carbide Corporation's Linde Division, succeeded Mr. Arthur E. Miller as the new President of the Aerospace Industrial Life Sciences Association during the Association's Annual Meeting.

Since joining Union Carbide in 1956 Dr. Schreiner's research interests have been largely in the fields of physiology of man under deep-submergence conditions to unusual gaseous environments, interactions of chemically inert gases with molecules of biological importance and low-temperature phenomena in biological systems.

For the last few years Dr. Schreiner has directed a technical program involving the development of diving tables applicable to depths of 650 feet.

Dr. Schreiner received his B.S. Degree in Chemistry in 1951 from the University of Nebraska, following earlier studies in Chemistry at the University of Vienna. Subsequently he was awarded an M.S. in Biochemistry (1954) and a Ph.D. in Biological and Physical Chemistry (1956) with minors in Mathematics and Physics, both degrees being awarded by the Uni-

versity of Nebraska.

He is a charter member of the Undersea Medical Society and a long-time member of the Aerospace Medical Association.

Col. Beard Serves 2nd Term as Flight Nurse Chairman



Lt. Col. Sarah E. Beard, USAF, NC, currently assigned to the Pentagon as the Special Assistant for Women Health Manpower, (Health and Medical), Office of the Deputy Assistant Secretary of Defense (Manpower and Reserve Affairs), was elected for a second term as Chairman of the Aerospace Medical Association's Flight Nurse Section. Prior to her assignment at the Pentagon, Colonel Beard was the Work Unit Officer for Decompression Sickness Research, Physiology Branch, USAF SAM, Brooks AFB, Texas.

A native of Homer, New York, she received her B.S. in education, taught high school for two years, and then entered Peter Bent Brigham Hospital School of Nursing, Boston, Massachusetts, graduating in 1947. For the next four years she served as a clinical instructor-supervisor on the Department of Nursing faculty of Keuka College, Keuka Park, New York.

Colonel Beard entered the military service in October 1951 and from then until September 1957 served as a general duty nurse and charge nurse at Langley AFB Hospital, as a flight nurse with the Brookley AFB Air Evacuation Squadron, and as a flight nurse instructor at the School of Aviation Medicine, Gunter AFB. She then attended an administrative nursing course at Medical Field Service School, Fort Sam Houston, Texas, and upon completion was assigned to the USAF Hospital, RAF Burderop Park, England, as the Assistant Chief Nurse and Training Officer. Returning to the U.S. in September 1960, she began graduate work at Syracuse University and a year later met her final requirement for M.S. in Nursing Service Administration by doing her field work at The Johns Hopkins Hospital.

From November 1961 until recently Colonel Beard was assigned to the USAF School of Aerospace Medicine, working in aerospace medicine research. She supervised experiments which compared various

inert gases and varying pressures in the production of decompression sickness in simulated orbital flight profiles and "space walks." She has co-authored several scientific publications and one other is to be released shortly.

During Colonel Beard's Air Force career she has attended a number of short courses, including Flight Nurse School, Academic Instructor School, Medical Support for Missile Operations, and Medical Support for Space Flight. The Aerospace Medical Association (Flight Nurse Section and Undersea Medical Society), the American Nurses' Association, and the National League for Nursing number among the professional organizations of which she is a member.

General Patterson, President Society of USAF Flight Surgeons



Brigadier General Robert A. Patterson, USAF, MC, Command Surgeon, United States Air Forces in Europe, was installed as the Society of U. S. Air Force Flight Surgeon's seventh President.

This constituent society of the Aerospace Medical Association convened its annual luncheon and business meeting at noon on the last day of the Aerospace Medical Association's 40th Annual Scientific Meeting on 8 May 1969.

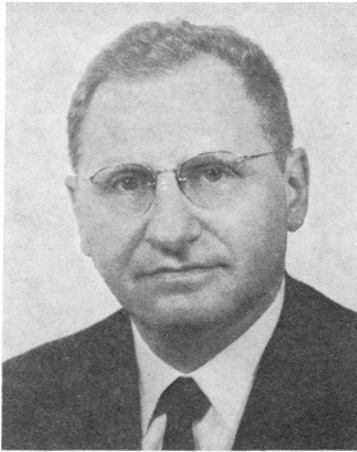
General Patterson, a native of Palestine, Illinois, received his M.D. from the University of Louisville (Kentucky) School of Medicine in 1939. He has been on continuous active duty since 15 October 1940. His assignments include Chief of the Aviation Medicine Branch and Chief of the Aircrew Standards Branch, Office of the Air Force Surgeon General; Chief, Professional Services Division, Office of the Command Surgeon, Strategic Air Command; and Staff Surgeon, Eastern Air Defense Force, Air Defense Command. In August 1959, he became the first commander of the newly established 1st Medical Service Wing, Pacific Air Force. As a mobile, tactical medical wing, it experienced extensive duty in Southeast Asia and was awarded the Distinguished Unit Award in June 1963.

In July 1963, he was assigned as Deputy

Director of Plans and Hospitalization, Office of the Air Force Surgeon General, and became Director in January 1965.

General Patterson is board certified in Aerospace Medicine. He is rated as Command Pilot and Chief Flight Surgeon. He is a Fellow of both, the American College of Preventive Medicine and the Aerospace Medical Association; a member of the American Medical Association, and the Association of Military Surgeons.

Dr. Freud Serves 2nd Term as Biomedical Sciences and Engineering Branch President



Sheldon L. Freud, Ph.D. will serve a second term as President of the Biomedical Sciences and Engineering Branch, ASMA. He replaced Colonel John D. Fulton who resigned because of ill health in 1968. As President-Elect, Dr. Freud was scheduled to assume office in 1969.

Dr. Freud, a cum laude graduate of New York University, obtained his M.S. and Ph.D. degrees in clinical psychology from the University of Connecticut. He served as a clinical psychology intern at Norwich State Hospital.

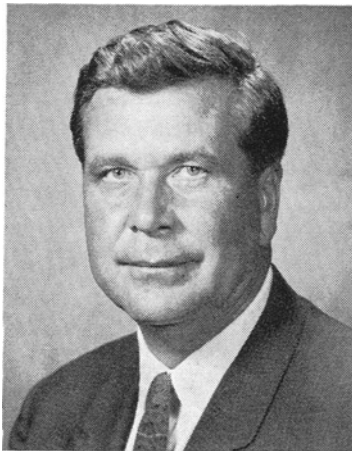
He has held the position of Chief Psychologist at various US Air Force Hospitals and served as Chief of the Clinical Psychology Section at the USAF School of Aviation Medicine and as Chief, Research Planning Branch, Office of Aviation Medicine, FAA. He also served as research psychologist for the Deputy Chief of Staff for Bioastronautics, Headquarters AFSC. Dr. Freud is presently a consultant in psychology to the Group Health Association and also serves as a consultant to a number of corporations and research groups and to the U.S. Government. His speciality area is assessment and research in the design of and utilization of psychodiagnostic tests.

Dr. Freud is a member of Phi Beta Kappa, Sigma Xi, and the National Honorary Psychology Society, Psi Chi. In 1962 he was awarded the 1st Creative Talent Research Award by the American Institutes for Research for his work in the development of tests for the diagnostic

evaluation of organic brain damage. He received the Air Force Commendation Medal in 1963 for his outstanding contributions to aviation psychology. He is listed in American Men of Science, Who's Who in the East, and is a member of the Prince Georges County, Maryland, Mental Health Advisory Committee. He also holds membership in the American Psychological Association, DC Psychological Association, has served as Executive Secretary of the Society of Air Force Psychologists, is Past-President of the Association Psychologists and is currently Executive Secretary of the Association of Aviation Psychologists. He also has been elected to membership in Aeromedical International and has served as a member of the Education and Training Committee of the Aerospace Medical Association.

Dr. Freud is the author of numerous publications in aviation psychology and clinical psychology.

Dr. Allen, President Aerospace Physiologists Section



Doctor Thomas H. Allen succeeded Doctor Smith W. Ames as President of the Aerospace Physiologists Section during the Association's Annual Meeting in San Francisco, California. He was awarded the B.A. degree in 1936 and the Ph.D. degree in 1941 by the University of Iowa, which included studies in Invertebrate Zoology in the Marine Biological Laboratory, Woods Hole, Massachusetts, and in Surface and Nuclear Chemistry in the University of Chicago. He was appointed to a National Research Council Fellowship in 1941 from which he resigned in early December 1941. During 3.5 years of World War II, Dr. Allen served as an Aviation Physiologist Number 192, leaving as First Lieutenant, Air Corps (AUS).

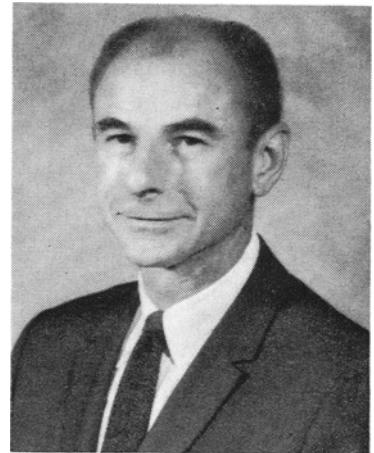
In succession, he was Instructor and Associate Professor in Physiology in the College of Physicians and Surgeons of Columbia University; while on a sabbatical leave, Consultant in Physiology to the U. S. Foreign Operations Administration (Taiwan); Chief Physiologist, U. S. Army Medical Research and Nutrition Laboratory, Fitzsimons General Hospital, Den-

ver, Colorado; and since 1961, in the present location as Director, Physiology Division, USAF School of Aerospace Medicine, Brooks Air Force Base, Texas.

A native of Davenport, Iowa, Dr. Allen is the author or co-author of 93 professional publications dealing with oxidative enzymes, blood volume, hemorrhage, body composition, carbon monoxide, and decompression sickness.

Dr. Allen is a member of Sigma Xi, The American Physiological Society, American Institute of Nutrition, Society for Experimental Biology and Medicine, and Aerospace Medical Association together with its Aerospace Physiologist Section of which he is Incoming President.

CAPT Beckman, President of Underseas Medical Society



Captain Edward L. Beckman, MC, USN, Chief, Biomedical Laboratories Division, NASA-Manned Spacecraft Center, Houston, Texas, succeeds Captain Robert D. Workman, MC, USN, as President of the Underseas Medical Society.

A native of Kewanee, Illinois, Captain Beckman received his M.D. from Northwestern University Medical School in 1943, and M.S. in physiology from the University of Southern California in 1949.

He was ordered to active duty as Ensign-USNR(D), Naval Station, Pensacola, Florida, in 1941. Other assignments include: Naval Operating Base, Coco Solo, Canal Zone; Aircraft Carrier USS Midway; Staff Member to Department of Aviation Medicine, University of Southern California, Los Angeles, for training in research in Aviation Medicine; Project Officer, Aviation Medical Acceleration Laboratory, Naval Air Development Center, Philadelphia, Pennsylvania; Project Officer and Instructor, Naval Air Station, Pensacola, and Project Officer and Acting Research Director, Centrifuge Project at the Naval Air Development Center, Johnsville, Pennsylvania.

From 1949 to 1954 Captain Beckman was a Fellow in Physiology—Graduate School of Medicine, University of Pennsylvania.

He was the Senior Medical Officer on the USS INTREPID, and was also as-

signed as Project Officer, Aviation Medicine, Institute of Aviation Medicine, Farnborough, England.

In 1961 he became Project Officer, Naval Medical Research Institute, Bethesda, Maryland, and was successively appointed Head, Aviation Medicine Division; Head, Environmental Stress Division; and Director, Physiology Sciences Department, with additional duty as Medical Monitor with Project Mercury and Project Gemini. He was also Project Officer—thermal protective suits—SEALAB II Program.

He joined NASA Manned Spacecraft Center in 1966 as Chief, Occupational and Environmental Medicine.

Captain Beckman is a Fellow of the Aerospace Medical Association and a former recipient of the Eric Liliencrantz Award.

Dr. Vickers, New President of CAMA



Harry Dan Vickers, M.D., Little Falls, New York, succeeds Colonel John P. Stapp, USAF, MC, as President of the Civil Aviation Medical Association. Doctor Vickers received his medical education at Cornell University Medical College, graduating in 1933. He has been in the practice of general surgery since internship. He earned his private pilot's license in 1930 with Certificate #16935.

After serving as a Lieutenant Commander in the Medical Corps., USNR, in the Amphibious Command from 1942-46, he resumed his interests in aviation.

He was one of the founding members of the Flying Physicians Association, was its First President, and has been Editor of THE FLYING PHYSICIAN, the association's quarterly publication, since 1956.

Doctor Vickers served on the General Aviation Facilities Planning Group in 1958 and 1959; and on the Administrator's Medical Advisory Panel from 1959 to 1965. He has been a consultant on the SAE-10 Committee, Aircraft Oxygen Equipment, and is a member of the New York State Medical Society's Liaison Committee with NASA. He received the Flying Physicians Association's "Airman of the Year Award" in 1968 for his efforts in promoting the safety and welfare of general aviation pilots. He has been a designated Aviation

Medical Examiner since 1959.

In addition, he has served as President of Medical & Surgical Care, Inc., Utica, New York, since 1956. He is a member of the American Medical Association, a fellow of the American College of Surgeons, and the only physician member of the Aerospace Writers Association.

The Fund is still open and anyone wishing to contribute may do so. Cheques should be made payable to The Stewart Memorial Fund and sent to Professor Sir Bryan Matthews, Physiological Laboratory, Downing Street, Cambridge.

Stewart Memorial Award and Lecture

A trust fund known as the Stewart Memorial Award was set up to commemorate the work of the late Air Vice-Marshal W. K. Stewart, former Consultant Adviser in Aviation Medicine and Physiology to the Royal Air Force and Director of Research Projects at the Institute of Aviation Medicine, Farnborough, Hampshire, England.

The Trustees of the Fund have decided to make the first award to Major General Harry G. Armstrong, USAF (Ret.) in recognition of his truly outstanding contribution to the development of Aviation Medicine throughout the world, and to the strong personal ties and close co-operation he fostered between the American and British scientists working in this field. On several occasions during the Second World War, General Armstrong worked in the Physiology Laboratory at RAF Farnborough, where he was greatly instrumental in helping to lay the sound foundations of the unit that was to become the Institute of Aviation Medicine, respected throughout the world.

General Armstrong has accepted an invitation by the Trustees to deliver a Stewart Memorial Lecture at the Royal Aeronautical Society in London on 9 October 1969, at which the presentation of the award will also be made. The title of the lecture will be "Anglo-American Research in Aviation Medicine: A study of the personal diplomacy and co-operation involved."

Trustees of the Stewart Memorial Fund

Chairman: Air Marshal Sir George Gunn
(Director - General Medical Services
(Royal Air Force))

Secretary: Sir Bryan Matthews, Professor of Physiology, University of Cambridge.
Professor G. D. Dawson, Professor of Physiology, University of London.
Professor R. C. Garry, Regius Professor of Physiology, University of Glasgow.
Sir Arnold Hall, Chairman and Managing Director, Hawker Siddeley Aviation Group, Ltd., and former President of the Royal Aeronautical Society.
Air Commodore H. L. Roxburgh, RAF Consultant Adviser in Aviation Medicine and Director of Research Projects, Institute of Aviation Medicine.