

New and Old Special Events at 37th Annual Meeting Draw Record Attendance

In addition to the large number of attendees at the Opening Ceremonies and Honors Night festivities, every other special event scheduled for the 37th Annual Meeting drew a larger attendance than ever before.

One of the new events scheduled for the first time this year, was the First Harry G. Armstrong Lecture. Sponsored by the Smith Kline & French Laboratories, this annual lecture will be an outstanding feature given in unopposed session as is the Louis H. Bauer Lecture. This year's lecture, given by Dr. Earl H. Wood, eminent investigator and writer on cardiopulmonary and cardiovascular functions in health and disease, associated with the Mayo Clinic and Foundation, was titled, "Effects of Gravitational and Accelerative Forces of Cardiopulmonary Physiology." It was a great privilege for the capacity group of over 500 assembled to be able to hear and greet the famous scientist for whom this lecture series is named, Major General Harry C. Armstrong, a former president of the Asso-



FIRST HARRY G. ARMSTRONG LECTURE—Dr. Earl H. Wood presents "Effects of Gravitational and Accelerative Forces on Cardio-Pulmonary Physiology," at 1966 Annual Meeting. General Armstrong (r), for whom the lecture is named, and President Baxter are at the speaker's table.

ciation, and an internationally recognized authority on aviation and space medicine.

The few remarks by this great man, so quietly and modestly expressing his gratitude for this honor, brought a standing ovation from the audience. Dr. Wood's paper will appear in a subsequent issue

of *Aerospace Medicine*.

All Luncheons and Annual Meetings of the many Constituent Associations and the special branches and sections were equally well attended. Brief reports on these events and photographs follow on subsequent pages of this issue.

Second Annual Civil Aviation Medicine Luncheon

The second Civil Aviation Medicine Luncheon, jointly sponsored by the Aerospace Medical Association and the Civil Aviation Medical Association was held on Monday, April 18, 1966, in the Casino de Paris at the Dunes Hotel, Las Vegas, Nevada. Joining with the Aerospace Medical Association's CAMA and AMDA members, were many members of the Flying Physicians Association, numerous FAA designated Aviation Medical Examiners, and many of the professional staff of the Federal Aviation Agency.

Dr. Peter V. Siegel, the Federal Air Surgeon of the Federation Aviation Agency, who is a Vice President of the Aerospace Medical Association, a member of the Civil Aviation Medical Association, and a charter member of the Flying Physicians Association, was one of the distinguished guests seated at the Head Table, along with Dr. Daryle Crabb, President of the Flying Physicians Association, Dr. Kenneth Bergin, President of the Airline Medical Directors Association, and the Officers of the co-sponsoring As-

sociations.

The large group who attended this luncheon were most impressed with the Guest Speaker, Anthony W. (Tony) LeVier's talk on, "Sky's the Limit—A Test Pilot's Diary." Mr. LeVier, Director of Flying Operations, Lockheed-California Company, has tested and been pilot of first flights of sixteen different aircraft during thirty-three years of flying. He spoke most knowingly of the part played by the medical profession toward a greater and safer world of aviation. Mr. LeVier is a brilliant speaker and an authority on safety procedures, and has lectured to numerous widely diversified groups throughout the country on the subjects of flight emergencies, flight safety principles, aircraft worthiness, jet flight procedures, and flight safety training.



HEAD TABLE AT CIVIL AVIATION MEDICINE LUNCHEON. Composite picture shows (from the left) Dr. Neal E. Baxter, President, Aerospace Medical Association; Mr. Anthony W. (Tony) LeVier, famous Lockheed Test Pilot and Guest Speaker; Dr. Peter V. Siegel, Federal Air Surgeon, FAA; Dr. Daryle N. Crabb, President, Flying Physicians Association; Dr. Kennard, Executive Vice President, Aerospace Medical Association; Dr. William Gillespie, Secretary, Civil Aviation Medical Association; Dr. Howard A. Dishongh, a Past-President of the Civil Aviation Medical Association and Custodian of the Gavel; Dr. Kenneth G. Bergin, President, Airline Medical Directors Association; Dr. Lauren G. Welch, President-Elect, Civil Aviation Medical Association; Captain Frank B. Voris, President-Elect, Aerospace Medical Association; and Dr. Dominic T. Chechile, President of the Civil Aviation Medical Association.

Wives' Wing Welcoming Reception and Annual Luncheon



A FAREWELL SONG—Mrs. Aubrey Jennings accompanies Mrs. McFarland, Wives' Wing President (left), as she sings original song "The Rocket Ship," during Annual Luncheon. Mrs. J. N. Waggoner, Mrs. J. H. Brown, and Mrs. E. J. Havlik listen appreciatively.

RECEIVING LINE AT WIVES' WING PRESIDENT'S WELCOMING RECEPTION—(from left) Mrs. J. P. Pollard, President-Elect; Mrs. Neal E. Baxter, Honorary President; Mrs. McFarland, President; Mrs. L. A. Wolever, Local Arrangements Chairman; and Mrs. E. J. Havlik, Arrangements Chairman.



OLD FRIENDS MEET AND CHAT during Wives' Wing Luncheon, (from left) Mrs. Charles I. Barron, Mrs. O. K. Niess, Mrs. Ludwig G. Lederer, Mrs. R. L. Bohannon, and Mrs. Henry G. Wallace.



WELCOME SMILES FOR PRESIDENT BAXTER as he greets members of Wives' Wing at Reception. (l. to r.) Mrs. A. L. Jennings, Mrs. McFarland, President of the Wives' Wing, Mrs. J. Harold Brown, and Dr. Baxter.

A PART OF THE HEAD TABLE AT LUNCHEON—(from left) Commander Elizabeth Reeves, Wives' Wing 1966 Honorary Member, Mrs. Jan Tillisch, Mrs. J. J. Weaver, Mrs. L. A. Wolever, and Mrs. Henry C. Hunley.



Association Annual Luncheon and Business Meeting



OFFICERS AND COMMITTEE CHAIRMEN AT HEAD TABLE FOR ASSOCIATION ANNUAL LUNCHEON AND BUSINESS MEETING. Composite picture shows (from the left) Dr. Richard Trumbull, Chairman, Committee on Scientific Communication in Bioastronautics and Space Medicine; Dr. Ross A. McFarland, Chairman, Resolutions Committee; Alfred A. Gentilcore, Chairman, Corporate and Sustaining Membership Committee; Dr. J. Harold Brown, Chairman, Membership Committee; Dr. Charles A. Berry, Chairman, Scientific Program Committee, 37th Scientific Meeting; Dr. Don Flickinger, Chairman, Long Range Planning Committee; Dr. William J. Kennard, Executive Vice President (beyond the podium); President Baxter; President-Elect, Frank B. Voris; Dr. James N. Waggoner, Chairman, Life Sciences Committee; Dr. Charles E. Billings, Chairman, Education and Training Committee; Dr. Eugene B. Konecci, Chairman, Ad Hoc Committee on Biocybernetics; Dr. H. Dan Vickers, Chairman, Safety and Health Committee; and Brig. General B. A. Strickland, Jr., USAF, Chairman, Constitution and By-laws Committee.

AMDA Annual Clinical Symposium and Award

Meeting for its 21st Annual scientific session in Las Vegas, Nevada, on Saturday, April 16, 1966, the Airlines Medical Directors Association heard a panel of speakers in clinical medicine discuss recent advances in Cardio-pulmonary diagnosis. The meeting was highlighted by an address at the annual luncheon by W. A. Patterson, whose retirement as Chairman of the Board of United Air Lines, was announced on April 28, 1966. In a warm and human talk to the assembled practitioners of aviation medicine, Mr. Patterson recounted many of his experiences from his 34 years as leader of the world's largest airline.

Following his talk Mr. Patterson was presented with the Association's Annual Award for Outstanding Contribution to the Field of Aviation Medicine. This is the first time the Association has honored a non-medical individual in this manner. The award recognized Mr. Patterson as a leader in aviation, and his early awareness of medical selection and surveillance of airmen as important factors in safety, job performance, and conservation of manpower. In presenting the award Dr. Kenneth G. Bergin, President of the Association, remarked that probably no one in the history of the aviation industry has done more to promote high standards of medical service for flight personnel than has Mr. Patterson.

At the annual business session of the Association, Dr. John McGraw, Medical Director of Eastern Air Lines, was installed as the new President of the Association for the forthcoming year. Other officers elected were: Dr. E. H. Anderson, Medical Director Quantas Empire Airways, Inc., as President-Elect; Vice-Presidents — Dr. Luis de la Serna, Iberia Air Lines of Spain; Dr. Eugene M. L. Lafontaine, Air France; and Dr. Kornelius Vaandrager, KLM Royal Dutch Airlines; Secretary—Dr. George F. Catlett, United Air Lines; Treasurer—Dr. George Golden, Trans World Airlines. Elected to the Executive Council were: Drs. Charles I. Barron, George J. Kidera, Ludwig C. Lederer, Jan H. Tillisch and G. Earl Wight.

Dr. McGraw announced that the interim session of the AMDA will be held in Los Angeles, California, November 1-3, 1966, and will include a tour of the Research & Development Facilities of the Lockheed Corporation. Dr. C. I. Barron, Medical Director of Lockheed, has arranged for members to inspect the Lockheed version of the Super Sonic Transport and to see various new design concepts with potential application to commercial aviation.

On Saturday evening, following the annual meeting, the award recipients, past and present, were honored at a reception at the Tropicana Hotel. Dr. Bergin, in greeting the guests, expressed the Association's pleasure that so many members from throughout the world had been able to attend the annual meeting.



Mr. William A. Patterson (center) receiving the AMDA Annual Award from President K. G. Bergin (r.), with Dr. George J. Kidera, Medical Director of United Air Lines.



Dr. John McGraw, AMDA President (l. to r.); Dr. Marion M. Kalez; and retiring AMDA President, Dr. Kenneth G. Bergin.

Congratulating Mr. W. A. Patterson (second from left) are Dr. and Mrs. George J. Kidera, Mrs. Paterson, and Dr. and Mrs. C. R. Harper.

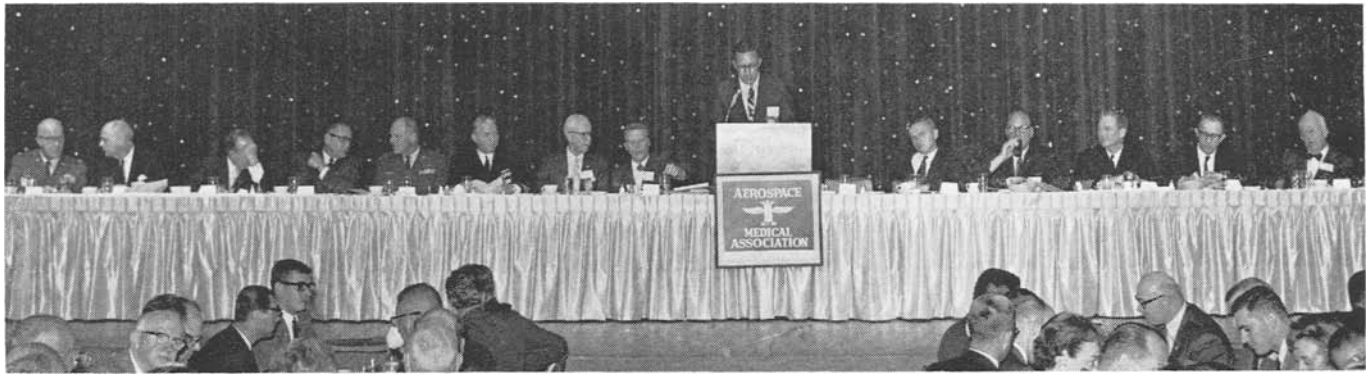


Dr. and Mrs. Ludwig Lederer (l. to r.), Dr. Frederick H. Shillito, and Dr. and Mrs. Victor Schocken.



Enjoying the reception are Dr. and Mrs. A. A. Manfredi of New York.

Space Medicine Branch Annual Meeting and Luncheon



HEAD TABLE AT SPACE MEDICINE BRANCH LUNCHEON—(l. to r.) Col. H. V. Ellingson, USAF; Capt. Walton L. Jones, USN; Dr. Paul A. Campbell; Dr. James G. Gaume; Col. Jack Bollerud, USAF; Capt. Ralph L. Christy, USN, Chairman-Elect; Dr. W. J. Kennard; Dr. G. B. McNeely; Chairman Berry; Astronaut, Col. Frank Borman, guest speaker; President Baxter; Capt. Frank H. Austin, Jr.; Dr. Hermann J. Schaefer, and Dr. Howard A. Dishongh.

More than 350 guests and members of the Space Medicine Branch of the Aerospace Medical Association attended the Annual Luncheon and Business Meeting held on Wednesday, April 20, 1965, in the Casino de Paris at the Dunes Hotel in Las Vegas, Nevada.

Besides the Officers and the Luncheon Speaker, Astronaut Frank Borman, seated at the Head Table, Chairman Charles A. Berry, M.D., introduced the Russian visitors to the Aerospace Medical Association's Scientific Meeting. Dr. Amen Iyurdhian, Astro-psychologist of the USSR and Dr. Ivan Filekin, Bio-Engineer, USSR, accompanied by two interpreters—Mr. Boris Mandrovsky of the Library of Congress, a member of the Association, and Mr. Christopher Dodge, acknowledged their introductions through the Interpreters. Dr. Iyurdhian's comments included an expression of tribute to our illustrious 13th President of the Aerospace Medical Association and a past-chairman of the Space Medicine Branch. Dr. Berry reciprocated by paying a similar tribute to the memory of Dr. Sisakyan, the first Scientific Secretary of the Academy of Sciences, USSR.

Borman Speaks on "Medical Aspects of Gemini VII Mission"

Colonel Frank Borman, USAF, Astronaut, NASA Manned Spacecraft Center, Houston, Texas, was principle speaker for the Luncheon. His presentation, accompanied by color-film of the mission, was most interesting and held the complete concentration and interest of all those who were assembled. Astronaut Borman and his fellow Astronaut Frank Lovell were suitably recognized by the Association for their outstanding contributions to the further knowledge of space-flight effects on man by receiving certificates of achievement presented during the Honors Night ceremonies. (*June issue, p. 641*)



Dr. Charles A. Berry, Astronaut Borman, and Captain Ralph L. Christy pose together after Space Medicine Branch Luncheon.

Dr. Hermann Schaefer Receives 1966 Hubertus Strughold Award

Hermann J. Schaefer, Ph.D., Head, Biophysics Department, U. S. Naval Aerospace Medical Institute, received the Space Medicine Branch Annual Award, the Hubertus Strughold Award for 1966. This Award is given annually by the Branch for outstanding achievement in Space Medicine fields. Dr. Schaefer is the fourth recipient of this award.

Dr. Schaefer received his Ph.D. degree in 1929 from the Johann Wolfgang Goethe University in Frankfurt, Main, Germany, where he later joined the faculty as professor of physics and biophysics. He came to this country in 1948, joining the staff at the School of Aviation Medicine, Pensacola, (now the Naval Aerospace Medical Institute) where he has remained ever since working in research and teaching in the field of radiobiology and bioastronautics. He is known as an outstanding authority of radiation aspects of space medicine. Dr. Schaefer is a Fellow in Aerospace Medicine, and was the 1960 recipient of the Association's Arnold D. Tuttle Award for his outstanding research and publications in the field of bioclinatology, radiobiology and biophysics, and cosmic

radiation. He was one of the charter members of the Space Medicine Branch, and served as its Secretary in 1961.



Space Medicine Branch Chairman, Dr. Charles A. Berry, presents Hubertus H. Strughold Award to Dr. Hermann J. Schaefer.

OFFICERS ELECTED FOR 1966-1967

Chairman—Capt. Ralph L. Christy, USN
Chairman-Elect—Col. Rufus R. Hessberg, Jr., USAF
Secretary-Treasurer—Dr. G. B. McNeely
Bibliographer—Dr. Paul A. Campbell



Captain Ralph L. Christy, USN, incoming Chairman, accepts gavel from Dr. Berry.

Aerospace Industrial Life Scientists (AILSA) Annual Luncheon and Awards Presentation

The Aerospace Industrial Life Sciences Association (AILSA) held its fourth annual luncheon and business meeting on Monday, April 18, and as was the case with all functions at the 38th Aerospace Medical Association Scientific Meeting, drew a larger attendance than ever before.

Presiding at the head table, Mr. Aaron Bloom, third President of AILSA, introduced the distinguished guests and officers of the Association. The distinguished guest speaker for the meeting was Dr. Sherman P. Vinograd, the Director of NASA's Medical Science and Technology in Space Medicine for Manned Space Flight, who spoke on the subject "The NASA Program of In-flight Medical Investigation."

Dr. Vinograd discussed the various aspects of NASA's program for medical experiments on astronaut crews during future flights now scheduled or in planning. The earth-orbiting Apollo vehicle is one such space laboratory where there is opportunity for physiological and medical observations. He briefly summarized the results obtained on all inflight medical experiments thus far, and their applications to the space flights beyond.

Dr. Wells Receives AILSA Award

J. GORDON WELLS, Ph.D., was presented the 1966 Award for Professional Excellence in Industrial Life Sciences by the Aerospace Industrial Life Sciences Association at their annual luncheon in Las Vegas on April 18. The Award, which was presented by outgoing AILSA President, Aaron Bloom, was given in recognition of Dr. Wells' outstanding career as a



Dr. J. Gordon Wells

life scientist and his many contributions in aerospace research and development programs. Special recognition was taken of his sustained and highly effective efforts over the past four years as Manager, Apollo Crew Systems, Space and Information Systems Division of North American Aviation, Inc.

Dr. Wells has 17 years of direct experience in life sciences, human factors and human engineering. Five of these years have been at North American Aviation, S&ID, and ten of his 17 years experience have been in project line management. In his capacity as Manager, Apollo Crew Systems, he has the responsibility for directing the development of life science engineering criteria and design requirements relative to crew operation of the Apollo spacecraft, and the design and test of space craft crew equipment and training and simulation equip-

ment. He is also responsible for the conduct or support of man-in-the-loop testing and simulation programs. In his present position, he must not only integrate these activities and requirements with other engineering elements but must also maintain close liaison with the divisional Life Sciences Department. For one year before assuming his present position, he was Assistant Director of the Life Sciences Department.

Prior to joining NAA, he was Supervisor of Human Engineering and Airborne Equipment Design at the Northrop Corporation, Nor-Air Division, for a five-year period. In this capacity, he directed human engineering research for the design and fabrication of advanced aircraft and missile systems, notably, the T-38 and F-5. Earlier, for seven years, he was Aviation Physiologist at the Air Force School of Aviation Medicine, Randolph Air Force Base, Texas, where he conducted research and provided instruction on the medical aspects of manned flight with major emphasis on human performance and physiological responses to individual and combined stresses. He also directed numerous in-flight and altitude chamber experiments during this period.

Dr. Wells received a Bachelor of Science degree in Biological Sciences from Pepperdine College and a Ph.D. degree in Biological Sciences from the University of Southern California. Since 1957, he has been a member of the Planning Committee for the Annual Aviation Medicine Symposium, sponsored by the Medical School, UCLA. He is a Fellow of the Aerospace Medical Association and served as General Chairman of the 1963 Scientific Meeting of this organization. He is a member of the Technical Committee on Life Sciences and Systems of the American Institute of Astronautics and Aeronautics, of the Human Factors Society, and of the American Association for the Advancement of Science, and has been elected to the American Men of Science, Biological Sciences. Dr. Wells has published more than 25 professional papers.



AT AILSA LUNCHEON HEAD TABLE—(l. to r.) Dr. Charles Gell, 1st AILSA President; Ben Lee Ettelson, Vice President; Dr. Don Flickinger, who introduced the Guest Speaker; President Aaron Bloom; Incoming President, Dr. Robert D. Gafford; Dr. Sherman P. Vinograd, Guest Speaker; Dr. Charles Steinmetz, Secretary; and Past-President, Dr. Richard W. Lawton.

Flight Nurse Section's Third Annual Meeting



FLIGHT NURSE LUNCHEON HEAD TABLE—At table (l. to r.) Col. Ethel Kovach, Air Force Chief Nurse; Lt. Gen. R. L. Bohannon, USAF Surgeon General; Miss Schimmoler; Lt. Col. Agnes M. Arrington, Section Chairman; Brig. Gen. F. L. Duff, Guest Speaker; Lt. Col. Anna May Hays, Ass't Chief, Army Nurse Corps; and President Baxter. Group of Nurses and Guests in foreground includes (3rd from left) Lt. Col. Gersema, Registration Committee member in charge of Honors Night Reservations and Seating Arrangements.

The gaily decorated Monaco Room of the Dunes Hotel was the scene of the third Annual Luncheon of the Flight Nurse Section on Wednesday, 20 April 1966. More than two hundreds members and distinguished guests attended the luncheon.

Lt. Colonel Mathilda Grinevich, Langley AFB, Virginia, was in charge of the luncheon arrangements. The color scheme of pale yellow and Air Force blue was very effective and appropriate, and the head table was centered with a brilliantly colored floral arrangement with the lectern decorated with a large pair of Flight Nurse Wings.

Chairman, Lt. Colonel Agnes M. Arrington, Chief, Flight Nursing Branch, School of Aerospace Medicine, Brooks AFB, Texas, presided over the luncheon.

Honored guests at the head table included Dr. Baxter, President of the Aerospace Medical Association; Lt. General Richard L. Bohannon, Surgeon General, USAF; Brigadier General Fratis L. Duff, Command Surgeon, Tactical Air Command, Langley AFB, Virginia, the luncheon speaker; Colonel Ethel R. Kovach, Chief, Air Force Nurse Corps; Lt. Colonel Anna May Hays, Assistant Chief, Army Nurse Corps; and the Flight Nurse Section's special guest, Miss Lauretta M. Schimmoler, who is credited as an originator of the idea of Flight Nursing.

The luncheon address, "Tactical Medical Support of Contingency Operations," presented by General Duff, contained timely and pertinent information of special interest to all members of the Flight Nurse Section.

Col. Florence Marchitelli Elected Flight Nurse Chairman

Lt. Colonel Florence T. Marchitelli, USAF, NC, Course Supervisor for the Nursing Service Administration Course at the Medical Service School, Gunter Air Force Base, Alabama, was elected Chairman of the Aerospace Medical Association's Flight Nurse Section. Colonel Marchitelli succeeds Lt. Colonel Agnes M. Arrington, who was the first Chairman elected at the Section's first meeting in Miami in May 1964. Colonel Marchitelli will serve a two-year term as Chairman of this fast growing group which now has over 300 members.

A native of Pennsylvania, Colonel Marchitelli completed her nursing education at Shadyside Hospital School of Nursing, Pittsburgh, Pennsylvania in 1943, and entered military service with the Army Nurse Corps at Fort Sam Houston, Texas in 1948, transferring to the USAF in 1949. She has a Bachelor of Science Degree, received in 1960 from the University of



Lt. Col. Marchitelli

Pittsburgh and has also completed the Flight Nurse Course, Brooks AFB, Texas; the Academic Instructor Course, Maxwell AFB, Alabama; and the Programmed Instructor Course at Gunter AFB, Alabama. Her military assignments include Japan, Texas, New York, Illinois, and

Alabama. In September 1965 she was awarded the Air Training Command Master Instructor designation.

Colonel Marchitelli moves to Sheppard AFB, Texas, this month when the Medical Service School completes its relocation from Gunter, and will continue as Supervisor for the Nursing Service Administration Course. She received her promotion to Lt. Colonel on 20 March this year.

Miss Schimmoler Awarded Honorary Flight Nurse Certificate and Wings

Introduced to the audience as "The Billy Mitchell of the Flight Nurses," Miss Schimmoler was presented with a plaque as a token of appreciation for her efforts in the early 1930's to stimulate interest in the need and importance of organized Flight Nursing. General Bohannon made the presentation and lauded her for "her foresight and determination and her continued support for this vital element of aerospace medicine." He then awarded wings to Miss Schimmoler and an Honorary U. S. Air Force Flight Nurse Certificate.



HONORARY FLIGHT NURSE CERTIFICATE and wings presented to Miss Schimmoler by General Bohannon, USAF Surgeon General.

Four full pages in the book "Medical Support of the Army Air Forces in World War II," by Dr. May Link and Hubert A. Coleman, published in 1955 by the Office of the Surgeon General, Washington, D. C., were devoted to Miss Lauretta Schimmoler who, as early as 1932, envisioned the establishment of the first flying nurse corps, and founded the organization "The Aerial Nurse Corps of America."

A native of Ft. Jennings, Ohio, Miss Schimmoler, began her flying career in 1929, is a licensed pilot, has flown 27 makes of aircraft and has owned 4 airplanes. She has been very active in woman pilot associations and was the national Secretary-Treasurer of the 99 Club, national organization for licensed women pilots, when Amelia Earhart was president. Other activities have included two different periods of employment by the Inspection Department of the U.S. Navy Bureau of Aeronautics, a year as a WAC aircraft dispatcher, and fourteen years in

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Society of USAF Flight Surgeons Sixth Annual Meeting

The sixth annual meeting and luncheon of the Society of USAF Flight Surgeons was held this year on the final day of the 38th Annual Scientific Meeting of the Aerospace Medical Association. With the extension of the scientific program to four full days of scientific sessions, and the scheduling of the Honors Night festivities on the final day, this new time schedule proved highly successful.

More than three hundred USAF Flight Surgeons, both active and reserve, and some twenty-nine distinguished international physicians attended the luncheon and meeting. The honored guest at the head table and guest speaker was the Honorable Howard W. Cannon, distinguished Senator from Nevada. Senator Cannon, who holds the rank of a Major General, United States Air Force Reserve, has had a long and colorful career as a pilot, and at the present time is a member of the Armed Services Committee of the Senate.

Award Winners Announced

Colonel Stanley H. Bear, President of the Society, introduced Lt. General Richard L. Bohannon, Surgeon General of the USAF, who made the presentations to the outstanding Flight Surgeons of the major commands.

The Malcolm C. Grow Award as Flight Surgeon of the Year was presented to Captain Frank W. Berry by Senator Cannon. The award is named for Major General Malcolm C. Grow, first Air Force Surgeon General, and is presented annually to the U. S. Air Force flight surgeon or flight medical officer who has made the greatest contribution to the effectiveness of a flying organization during the preceding calendar year.

Captain Berry, a native of Fock Hill, South Carolina, received his medical degree from Meharry Medical College in Nashville, Tennessee, in 1963. He is presently assigned to the 803rd Medical Group at Davis-Monthan AFB, Arizona.

Captain Berry's professional approach and significant accomplishments at both his Continental U.S. base and at an operating location in a combat area attest to his dedicated performance as a doctor and as a humanitarian. While assigned to Southeast Asia, he was awarded the Air Medal



Captain Frank W. Berry

for 25 combat missions as a crew member over hostile territory and has been recommended for a second one. On one occasion, he was on the flight line when a Vietnamese pilot crashed on take-off with a fully armed aircraft. Fire fighting personnel were approaching to assist the pilot when shells began to explode, wounding the first fireman. Captain Berry rushed forward in the line of this undirected and unpredictable fire to rescue the fireman and render first aid and stabilization treatment prior to evacuation. The pilot was lost in spite of the fact that Captain Berry made an attempt to reach him, with complete disregard for his own personal safety. As reported in *AEROSPACE MEDICINE*, (March 1965—p. 338) Captain Berry was awarded the Airman's Medal for exemplary courage and heroism in this act.

His relentless study of hazards to ground and flying safety and accident causation, and his recommendations to correct these factors, have been done with one purpose in mind—the welfare of aircrew members. During his Vietnamese tour, through his own initiative he obtained drugs, equipment, and supplies for Vietnamese civilians in several villages, and made many trips into Viet Cong-held territory (known as the "Iron Triangle") to provide medical care for inmates of a leper colony.

Dr. Berry has been accepted for Air Force sponsored Residency Training in Aerospace Medicine and will enter the Johns Hopkins School of Public Health for his Masters Degree in Public Health in September of this year.

1966 Recipients of Awards for Command Flight Surgeon of the Year

Each year the Society of USAF Flight Surgeons sponsors awards for the outstanding Flight Surgeons. General Bohannon presented awards this year to the following:

AIR DEFENSE COMMAND

Captain Richard B. Bell

AIR FORCE LOGISTICS COMMAND

Captain John P. Adams

AIR FORCE SYSTEMS COMMAND

Lt. Colonel John W. Ord

AIR TRAINING COMMAND

Major Robert R. Smith

ALASKAN AIR COMMAND

Captain Sherman G. Madere

CONTINENTAL AIR COMMAND

Lt. Colonel John H. Grimm

HEADQUARTERS COMMAND, USAF

Lt. Colonel John G. Webster

MILITARY AIRLIFT COMMAND

Captain Hilbert J. Henrickson

PACIFIC AIR FORCES

Captain James O. Hightower, Jr.

TACTICAL AIR COMMAND

Captain Robert C. Mumby

USAF ACADEMY

Lt. Colonel Wallace G. Haworth

U.S. AIR FORCES IN EUROPE

Captain Ronald G. Lewis

Only two pictures of the twelve Command Awards were available for publication.



Lt. Colonel John W. Ord



Lt. Colonel W. G. Haworth



FLIGHT SURGEON OF THE YEAR RECEIVES MALCOLM C. GROW AWARD PRESENTED BY SENATOR CANNON—(l. to r.) Maj. General A. A. Towner, USAF, Command Surgeon, SAC; Captain Frank W. Berry, Jr., USAF; Senator Cannon; and Lt. General R. L. Bohannon, USAF Surgeon General.

Navy Flight Surgeons Annual Luncheon

Although not a formally organized group, such as the Constituent organizations of the Aerospace Medical Association, the Navy's Fifth Annual Luncheon held on Monday, 18 April 1966, at the Dunes Hotel was attended by more than two-hundred guests. For the first time, Captain W. M. Snowden, the Acting Chairman of the group, arranged for a luncheon speaker. Rear Admiral J. Lee Holland, Commanding Officer of the Naval Aviation

Medical Center, Pensacola, Florida, whose retirement from active duty after 36 years is announced elsewhere in this issue, spoke about his many and varied experiences as a Naval Flight Surgeon.

By unanimous acclaim, Captain Snowden was again chosen as Chairman for the Naval Flight Surgeon Group, and is already planning for an even greater turnout for next years Luncheon in Washington, D. C.



U. S. NAVY FLIGHT SURGEONS ANNUAL LUNCHEON—At Head Table (from left) LCDR Thomas J. Gallagher, MSC, USN, Chief, Aviation Experimental Psychology; Captain Mary F. Keener, MSC, USN, Head, Aviation Physiology Training Branch; Rear Admiral J. Lee Holland, USN, Commanding Officer, U. S. Naval Aviation Medical Center, Speaker for the Luncheon; Captain William M. Snowden, USN, Chairman of the Navy Flight Surgeon's Group; Rear Admiral Langdon C. Newman, USN, Bureau of Medicine and Surgery Assistant Chief for Research & Military Medical Specialties; and Captain Russell G. Witwer, USN, Marine Corps Commandant's Staff Medical Officer.

Bio-Environmental Engineering and Sciences Branch Holds Meeting

The Aerospace Medical Association's newest Branch to hold a formal meeting during one of the Association Conventions met at Las Vegas, Nevada, on Wednesday, April 20, for a Social Hour and Business Meeting. During the meeting, plans were made for having either a Luncheon or Dinner Meeting for the Branch at the 38th Scientific Meeting in Washington, for which an appropriate individual would be selected to speak on a subject mutually beneficial to all engineering and scientific personnel who would be attending the sessions.

Officers Elected

Elected to hold office through the first year were:

Chairman—Maj. Herbert E. Bell, USAF, BSC, Preventive Medicine Branch, Education and Training Division, USAF School of Aerospace Medicine, Brooks AFB, Texas.

Chairman-Elect—Maj. Irving Davis, USAF, BSC, Biosciences Branch, Aerospace Medical Research Division, USAF School of Aerospace Medicine, Brooks AFB, Texas.

Secretary—Capt. D. I. Carter, USAF, BSC, Research and Development, Hq. AMD, Brooks AFB, Texas.

Bibliographer—1/Lt. P. S. Daley, USAF, BSC, Preventive Medicine Branch, Education and Training Division, USAF School of Aerospace Medicine, Brooks AFB, Texas.

Bio-Environmental Engineering personnel interested in becoming members of this new Branch of the Aerospace Medical Association are urged to contact the Secretary of the new Branch.

3rd Annual Medical Reserve Symposium

More than 400 reserve and active duty medical officers attended the third Annual Medical Reserve Symposium on Thursday, April 21, 1966, the final day of the Aerospace Medical Association's 37th Scientific Meeting. Initiated for the first time in Miami Beach in 1964, these one-day symposia have proved so successful that their continuation appears to be assured.

The CONAC Administrative Center processed one hundred sixty-seven reserve personnel from the Air Force Reserve, the Air National Guard, the U. S. Navy Re-

serve, and the U. S. Army Reserve, for Reserve Retirement Credit Points. CONAC provided 222 officers with transportation to the meeting.

Colonel Joseph J. Dobkin, USAF, Surgeon, Continental Air Command, (CONAC) Robins AFB, Georgia, who organized the Reserve Symposium, feels that the program is a complete success in bringing active duty personnel and reserve personnel into closer relationship with mutual advantage to both groups. The program covered all current aspects of the Reserve Medical Program, with discussions by representatives from the Office of the Secretary of the Air Force, the Office of the Surgeon General, the major air commands, and counterpart personnel from various active duty hospitals.

Miss Schimmoler

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the Detective Division of the Los Angeles County Sheriff's Department, from which she retired in 1964. She has authored two text books, served as a technical advisor to Columbia Pictures and played a leading role in the film, "Parachute Nurse."

But most notable of all her endeavors were her efforts in persuading the Army, Navy and Red Cross on the idea of an organization of technically trained registered nurses who would be available for duty in air transport, air ambulances and other aviation assignments. She carried on an extensive correspondence with the Red Cross, with General Hap Arnold, Chief of the Air Corps and General Grow, the Air Surgeon. Thwarted by indifference, she went ahead with letters to nurses all over the United States enlisting their interest and support. Before long, groups of RNs were being trained in aviation procedures during their spare time and in 1932 banded together in "The Aerial Nurse Corps of America." Miss Schimmoler, who was not a nurse, served as President for eight years.

As late as June 1940, the Army Nurse Corps Chief stated, "The present mobilization plan does not contemplate the extensive use of ambulance aeroplanes." Not until General Grant, the Air Surgeon, recognizing the concept of the Flight Nurse as a part of the medical team, gave his personal interest in furthering the professional status within the field of aviation medicine, was military indifference overcome. Finally, in February 1943, the first group of Flight Nurses graduated at Bowman Field, Kentucky.

Miss Schimmoler's dream became a reality—one which has lived through twenty-three years.

Plan Now to Attend
38th Annual Meeting
Aerospace Medical Association

April 10-13, 1967

Washington Hilton, Washington, D. C.

Allied Surgeons Tour USAF Facilities Attend ASMA Scientific Meeting

Lt. General Richard L. Bohannon, Air Force Surgeon General, accompanied by 27 visiting medical officers representing 21 countries toured selected United States medical facilities during the period April 10-16, 1966, culminating in attendance at the 37th Annual Scientific Meeting of the Aerospace Medical Association.

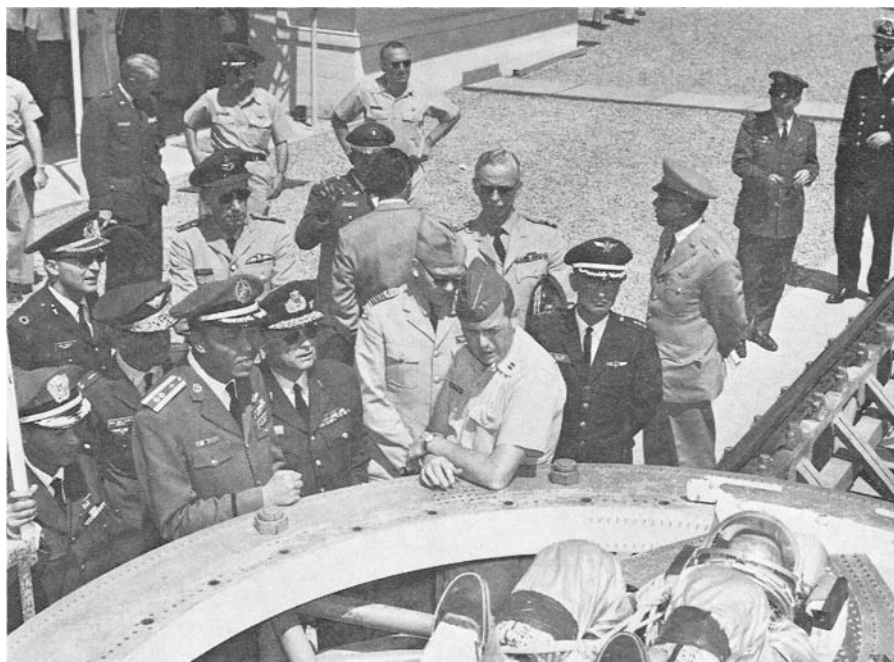
The distinguished guests were entertained at a Reception held at Bolling AFB on Saturday, April 9, 1966, and departed from Washington, Sunday, April 10 for a visit to the Aerospace Medical Division Headquarters at Brooks AFB, Texas; the Aeromedical Research Laboratories at Holloman AFB, New Mexico; the Lovelace Foundation for Medical Education and Research, Albuquerque, New Mexico; the Air Force Academy, Colorado Springs, Colorado; and the Air Force Flight Test Center, Edwards AFB, California.

Distinguished military officers who accompanied General Bohannon were: Air Vice Marshal L. R. Trudinger, Australia; Brig. General Geraldo Cesario Alvim, Brazil; Surgeon Commander H. D. Oliver and Surgeon Rear Admiral W. J. Elliot, Canada; Colonel Kao, Cheng-Feng, China; Majors Knud Thorsen and E. O. Errebo-Knudsen, Denmark; Colonel Jesus Fulgencio Santana, Dominican Republic; Lt. Carlos Romero Ochoa Rodas, Ecuador; Brigadiers General Fritz C. Doener, Gerhard Greiling and Colonel A. P. Kriebel, Germany; Air Vice Marshal G. R. Gunn and Wing Commander A. A. Crawford, Great Britain; Brigadier General John N. Nikiforakis, Greece; Colonel Ahmad Pour-Sina, Iran; Colonel Yoshihiko Fujita, Japan; Colonel Kim, Chae Yun, Korea; Lt. Colonel J. G. van Steinfoorn, Netherlands; Captain Raul Lagos Armas, Nicaragua; General Vincente C. Javier and Lt. Colonel Augusto E. Hocson, Philippines; Lt.

Colonel Ulf Brandt, Sweden; Brig. General Izzet Arman and Major Hamit Gokalp, Turkey; Major Humberto Romero Ruiz, Venezuela; and Major Do Xuan Giu, Vietnam.

These visiting officers and the many oth-

er international guests were all entertained at Las Vegas at the President's International Reception, a brilliant social event held in the Monaco Suite at the Dunes Hotel on Tuesday evening, April 19, 1965.



ALLIED SURGEONS VIEW RESEARCH EQUIPMENT AT HOLLOMAN AFB—In immediate foreground (l. to r.) Maj. Giu (Vietnam), Brig. Gen. Alvim (Brazil), Col. Hocson (Philippines), Brig. Gen. Nikiforakis (Greece), Maj. Thorsen (Denmark), Capt. A. C. Whitehouse (USAF), Col. Kim (Korea), Capt. Lagos (Nicaragua); Intermediate row and far right—Maj. Gokalp (Turkey), W/C Crawford (Great Britain), Col. Santana (Dominican Republic), A/V/M Gunn (Great Britain), Col. Fujita (Japan), and Sgt. Cdr. Oliver (Canada); In the rear—Maj. General K. E. Pletcher, Deputy Surgeon General, USAF; Lt. Col. Clyde H. Kratochvil, USAF, and Maj. Jerry Fineg, USAF.



INTERNATIONAL GROUP VISIT THE USAF ACADEMY AT COLORADO SPRINGS—(Seated, l. to r.) General Greiling, German Air Force (SHAPE); Air Vice Marshal Trudinger, Australia; Astronaut David Scott, USAF; General Bohannon, Surgeon General, USAF; and Air Vice Marshal Gunn, Great Britain. (Standing) Major Romero, Venezuela; Captain Kuhlampfi, Finland; Colonel Santana, Dominican Republic; Wing Commander Crawford, Great Britain; Captain Lagos, Nicaragua; Lt. Colonel Hocson, Philippines; General Alvim, Brazil; Major Thorsen, Denmark; Colonel Kim, Korea; Lt. Colonel Brandt, Sweden; Major Gokalp, Turkey; Colonel Kriebel, Germany; General Arman, Turkey; Major Errebo-Knudsen, Denmark; General Doerner, Germany; Colonel Harry Green, USAF Academy; Major Giu, Vietnam; Colonel Kao, China; and Major Urquia, USAF.

Senior Naval Officers, Admiral Holland and Captain Graybiel, Retire

On July 1, 1966, two Senior Medical Corps Naval Officers, both Past-Presidents of the Aerospace Medical Association, retired from active duty in the Medical Corps of the United States Navy. Rear Admiral James Lee Holland, the thirty-first President of the Aerospace Medical Association, and Captain Ashton Graybiel, the twenty-seventh President, were honored in separate retirement ceremonies at the Naval Aviation Medical Center, Pensacola, Florida.



Rear Admiral J. L. Holland



Captain Ashton Graybiel

Admiral Holland, Commanding Officer, Naval Aviation Medical Center, Pensacola, Florida, retired after having completed 36-years of continuous active Naval Service. His long and colorful service career reflects great dedication to his country, and to his profession.

He began his military service in the Medical Corps of the Navy as a Lieutenant (jg) in June of 1930 after receiving his M.D. degree at Vanderbilt University. Following internship at the Portsmouth, Virginia Naval Hospital, he served in various naval hospitals, shore activities and ships at sea, and was aboard the cruiser, USS Indianapolis at Johnston Island when Pearl Harbor was attacked by the Japanese on December 7, 1941. Returning to the States in December 1942, he reported to the Naval School of Aviation Medicine in Pensacola (now the Naval Aerospace Medical Institute), and received his Flight Surgeon wings on April 10, 1943. Subsequently, he served aboard the carrier, USS Essex, which engaged in practically every major Pacific operation from the Marianas in June, 1944 to the close of the war. For his participation in this campaign he received the Presidential Unit Citation and the Navy Commendation medal with a Bronze V to indicate combat.

In the summer of 1945 he reported to the Navy Department, Bureau of Medicine and Surgery, Washington, D. C., where he served with the Division of Aviation Medicine, with additional duty in the Office of the Chief of Naval Operations as well as the Bureau of Aeronautics, Military Requirements Division. Subsequent duty assignments found him as Executive Officer at the Naval Dispensary, Pensacola, Senior Medical Officer at the Jacksonville Naval Air Station dispensary and

Director of Aviation Medicine and Surgery.

From 1952 to 1954, he was the Commanding Officer of the Naval School of Aviation Medicine, followed by duty as Staff Medical Officer for the Chief, Naval Air Training, and later assignment as Force Medical Officer on the staff, Commander, Naval Air Pacific. Returning to Pensacola in September 1959, he became the first flag officer to command the Naval Aviation Medical Center, the post to which he was again assigned in 1964 after two years duty as Fleet Surgeon with the staff of the Commander-in-Chief of the Pacific Fleet.

It was during his first assignment as Commanding Officer of the Aviation Medical Center that he was elected to the Presidency of the Aerospace Medical Association, serving in 1961-1962 and under his Presidency, the Association began its steady growth in membership increasing from 3240 in April, 1961 to 3771 in April, 1962.

Admiral Holland is a Diplomate in Aerospace Medicine of the American Board of Preventive Medicine and is a Fellow in Aerospace Medicine. In addition to the citations and medals mentioned above he holds numerous others, including the Asiatic-Pacific Campaign Medal with one silver and two bronze stars (seven engagements), and the Philippine Liberation Ribbon with two stars.

Rear Admiral Holland and Mrs. Holland plan to reside in Pensacola where they are building a new home. Numerous dignitaries from all the services attended the ceremonies in Pensacola on June 30, including Vice Admiral A. S. Heyward, Jr., USN, Chief of Naval Air Training, and many friends and colleagues from the Washington area.

Captain Ashton Graybiel, Director of Research at the Naval Aerospace Medical Institute was transferred to the retired list of the Navy on 1 July 1966. Recognized as one of the foremost national and international authorities in aerospace medical research, Dr. Graybiel's primary interests are in cardiovascular and vestibular physiology research.

Captain Graybiel began his military career in 1942 assigned to the Naval Aerospace Medical Institute and has been the Director of Research since 1945. He received his pre-medical education at the University of Southern California with his B.A. (cum laude), in 1924, and M.A. in 1925. His medical degree, also cum laude, was awarded from the Harvard Medical School in 1930. He specialized in the cardiovascular system, studying under a number of research fellowships in the 1930s, and later concentrated on phenomena related to pilot fatigue during World War II. His studies in the testing and evaluation of cardiovascular fitness for flying, carried out at the Harvard Fatigue Laboratory, formed the basis for many subsequent investigations at first in civil and later in military aviation.

Captain Graybiel was President of the Aerospace Medical Association in 1957-58, and has served as Chairman of numerous important committees during the ensuing years. He was elected a Fellow in Aerospace Medicine in 1948, and is also a Fellow of the American Association for the Advancement of Science.

His contributions to the advancement of aerospace medicine and related fields, to medical research in general, and to the development of research techniques have been immeasurable. His honors and awards, presented over the years, included three Aerospace Medical Association Awards (the only individual who has received that many), the Theodore C. Lyster Award in 1950, the Eric Liljencrantz Award in 1961, and the Arnold D. Tuttle Award in 1965. He was also awarded the Space Medicine Branch Hubertus Strughold Award in 1963. He received the 1962 John J. Jeffries Award, the 1962 Melbourne W. Boynton Award, and the 1965 Robert Dexter Conrad Award. He holds the Legion of Merit, the Navy League Admiral William S. Parsons Award and the Groedel Medal. A Diplomate in Aerospace Medicine of the American College of Preventive Medicine, and a Fellow in the American College of Preventive Medicine, he also holds memberships in numerous other scientific and medical societies.

In honor of his retirement, the Naval Aerospace Medical Institute held an important Symposium on June 22. Titled "Host Factors in Cardiovascular Disease," the Symposium was held in the Mustin Beach Officers' Club between the hours of 9:30 and 4:30. Several distinguished physicians formerly associated with Doctor Graybiel came to Pensacola to participate in the Symposium, including: Arthur Moss, M.D., Assistant Profes-

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Capt. Graybiel

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sor of Medicine, University of Rochester; John Graettinger, M.D., Associate Professor of Medicine, University of Illinois School of Medicine; Richard Carleton, M.D., Associate Director, Section of Cardio-Respiratory Disease, Presbyterian-St. Luke's Hospital, Chicago; Ronald Malt, M.D., Associate in Surgery, Massachusetts General Hospital and Instructor in Surgery, Harvard Medical School; Robert Morse, M.D., Fellow in Cardiovascular Disease, West Roxbury, Massachusetts Veterans Administration Hospital; Albert Oberman, M.D., Research Associate, University of Michigan School of Public Health; and William Harlan, M.D., Director of Clinical Research, Medical College of Virginia. In addition four staff members of the Naval Aerospace Medical Institute gave papers: Lt. Roy S. Wirthlin, Dr. Hassan H. Khalil, Lt. D. H. Jackson, and LCDR R. F. Smith, John M. Packard, M.D., Cardiologist of Pensacola, Florida, also participated. Moderator for the morning session on Hemodynamics was John Patterson, M.D., Professor of Medicine, Medical College of Virginia, and for the afternoon session on Clinical Applications was Tinsley Harrison, M.D., Professor of Medicine, College of Medicine, University of Alabama.