

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

The Aerospace Industrial Life Sciences Association held its fifth annual luncheon and business meeting on Monday, April 10, 1967. As has been the case in the past, the luncheon and meeting were extremely well attended.

Presiding at the meeting, Dr. Robert Gafford, fourth President of AILSA, introduced the distinguished guest of honor and speaker for the luncheon, the Honorable Richard T. Hanna, Democratic Congressman from California's 34th Congressional District, Dr. Kennard, Executive Vice President Emeritus of the Aerospace Medical Association, and the officers of AILSA all seated at the head table.

### Dr. Gatts Honored

The 1967 AILSA Annual Award for Technical Professional Excellence was presented by President Gafford to Dr. James D. Gatts, Manager of the Space Environment and Life Sciences Laboratory at Fairchild Hiller's Republic Aviation Division.

The citation on the award read as follows: *"This award is presented to James D. Gatts, M.D., in recognition of his outstanding career as a life scientist and his many contributions in aerospace research and development programs, with special recognition of the broad scope of his background, experience, and activities in medicine, engineering, and naval aviation, and the wide range of his contributions in such varied fields as space garments, waste management, transportation, medical prosthetics, and basic biomedical research."*

The Space Environment and Life Sciences Laboratory at Fairchild Hiller's Republic Aviation Division is conducting life sciences studies in aerospace medicine physiology, microbiology, biochemistry, plant physiology and psychology, human factors, bioinstrumentation, and engineering studies in vibration and space environment simulation. Dr. Gatts, a graduate in medicine from Tulane University and internship at the William Beaumont General Hospital, El Paso, Texas, has had extensive experience in clinical medicine with emphasis on research in physiology and behavior. In addition, he has approximately 1,500 hours of single and multi-engine jet time as a jet pilot during eight-years in the regular Air Force, as well as a commercial and instrument pilot rating. This experience includes working in aircraft engineering, navigation, and significant training in special weapons.

Dr. Gatts has worked on the human factors considerations for Republic in connection with Air Force contracts and has contributed to the survey of man's physiological response during NASA studies. He was also responsible for the surgical techniques



James D. Gatts, M.D.

and implantation used during passive telemetry studies in which cardiac electrodes connected to an intra-abdominal device containing an rf circuit were implanted in laboratory animals. He is currently involved in experimentally testing pressure suits and deconditioning devices.

Association. Mr. Hanna addressed the membership on the subject of "Bionomics—New Challenge to Aerospace Technology."

Election of new officers for 1967-1968 were held and will be announced in a forthcoming issue.



Congressman R. T. Hanna



HEAD TABLE AT AILSA LUNCHEON—(l. to r.) Dr. William J. Kennard, former Exec. Vice Pres., ASMA; Dr. Heinz R. Schreiner, AILSA Vice Pres.; The Honorable Richard T. Hanna, Guest Speaker; Dr. Charles H. Steinmetz, Incoming AILSA Pres.; Dr. Robert D. Gafford, President; Mr. Aaron Bloom, Past-President; Mr. Arthur Miller, President-Elect; and Richard W. Lawton, also a Past-President.

Dr. Gatts has also been engaged in the development of waste management systems for space application and space simulation use. These units are also being considered for urban use as a replacement for sewer systems and septic tanks. Extensions of this work have led to hygienic cleaning systems and water reclamation systems. His work in water reclamation also has application in controlling urban water pollution. Dr. Gatts broad interest in the field of microbiology has also made a significant contribution to space medicine.

Representative Hanna was introduced to the assembled members and guests by Dr. Charles Steinmetz, the incoming President of the Aerospace Industrial Life Sciences



Dr. Gafford presents Certificate of Technical Professional Excellence to Dr. James D. Gatts.

# Society of USAF Flight Surgeons Annual Luncheon and Awards Presentation

The seventh annual business meeting and luncheon of the Society of USAF Flight Surgeons was held on the final day of the 38th Annual Meeting of the Aerospace Medical Association at the Washington Hilton Hotel, April 13, 1967.

More than three hundred USAF Flight Surgeons, both active and reserve, and some twenty to twenty-five distinguished international physicians from the governments of fourteen nations. The honored guest speaker was General Bruce K. Holloway, Vice Chief of Staff of the U.S. Air Force. General Holloway gave a highly interesting talk full of reminiscences about his flying days and the support given him by various Flight Surgeons.



Capt. Clifford J. Buckley

## Awards Winners Announced

General Holloway presented the Malcolm C. Grow Award to Captain Clifford J. Buckley, as the U.S. Air Force Flight Surgeon of the Year. 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 Buckley, age 30, a native of Rahway, New Jersey, entered military service in October 1953. His undergraduate training, a B.A. in Chemistry, 1958, was taken at the University of Pennsylvania, and his M.D. degree received from Hahnemann Medical College in 1962.

Captain Buckley is presently assigned as Command Surgeon of the Aerospace Rescue and Recovery Service, Military Airlift Command, Orlando AFB, Florida. He has been extremely successful in organizing and supervising an outstanding aeromedical support program for the Aerospace Rescue and Recovery Service (ARRS) worldwide. His excellent rapport with ARRS aircrew members has been achieved by his knowledge gained through first hand experience which he has applied directly to operational problems.

Shortly after his assignment as Command Surgeon of the ARRS in February 1966, he made a 30-day visit to ARRS

Pacific and Southeast Asia units to evaluate medical capability and equipment of assigned pararescuemen. As a result he designed a new medical/jump kit which is now standard pararescue equipment. He instituted a three-fold plan to improve the level of medical knowledge and proficiency of pararescuemen—a continuing medical training program; revision of the Rescue and Survival Technician Course to improve the initial medical training of pararescuemen; and presentations of medical lectures, demonstrations, and actual operational flight training while in the area. He flew representative missions with all rescue squadrons and detachments in order to fully appreciate the stresses of alert time, combat flight situations, flight safety, and other factors.

An evaluation of the training and techniques used at the RAF Far East Survival and Parachute Training School led Captain Buckley to modify the rapid repel technique used by the Royal Marines; thus reducing the time required for helicopter hover during a rescue to less than one minute.

While assigned as Chief of Aerospace Medicine Service at the 1604th USAF Hospital, Kindley AFB, Bermuda (April 1964—January 1966), he was awarded the Air Force Commendation Medal for the superior management and professional excellence he rendered while serving mem-



Lt. General R. L. Bohannon watches as General Bruce K. Holloway, Vice Chief of Staff, USAF, presents the Malcolm C. Grow Award to Captain Buckley.

bers of the various Armed Services in support of the flying mission. As Flight Surgeon at Kindley he worked with the 55th Air Rescue Squadron on rescue missions.

Captain Buckley is an exceptionally capable and versatile officer and physician. He is a graduate of the Airborne Course, Army Airborne School, Fort Benning, Georgia. He is a trained SCUBA diver and has parachuted with full SCUBA gear to deliver medical aid in a simulated sea disaster.

## 1967 Recipients of Awards for Command Flight Surgeon of the Year

Lt. General Richard L. Bohannon, presented Command Flight Surgeon of the Year awards to:

AIR DEFENSE COMMAND

**Captain Samuel E. Hyde, III**

AIR FORCE SYSTEMS COMMAND

**Major George C. Mohr**

AIR TRAINING COMMAND

**Major Joseph Threadgill**

ALASKAN AIR COMMAND

**Captain Ensor Rodriguez-Lopez**

CONTINENTAL AIR COMMAND

**Lt. Colonel David W. Aiken**

PACIFIC AIR FORCES

**Captain Asa J. Wilbourn**

STRATEGIC AIR COMMAND

**Major James E. Dill**

TACTICAL AIR COMMAND

**Captain Robert E. Jackson**

U.S. AIRFORCES IN EUROPE

**Major Charles L. Wilson**

All of the above named physicians but three who were on overseas assignment were present to receive their awards. Captain Hyde is in Vietnam, Captain Wilbourn is at Clark AB, Philippine Islands, and Major Wilson is at RAF Lakenheath, England.



HEAD TABLE AT FLIGHT SURGEONS LUNCHEON AND ANNUAL MEETING—(l. to r.) LC R. R. Burwell, Secretary; Col. A. M. Donnell, Jr., Treasurer; Col. T. C. Marrs; AMSA President, Capt. Frank B. Voris, USN; Maj. Gen. C. H. Roadman, Pres. Elect; Lt. Gen. Henry Vicellio, CO, CAC; Lt. Gen. R. L. Bohannon, USAF Surgeon General; Col. R. A. Yerg, President; General B. K. Holloway, Vice COS, USAF; Dr. Don Flickinger; Maj. Gen. A. A. Townner, Deputy SG, USAF; Dr. William J. Kennard & Dr. Merrill H. Goodwin, former and new Exec. Vice Presidents of ASMA; Brig. Gen. William L. Clark, Deputy Chaplain, USAF and Mr. Arthur Coakley of the Pfizer Laboratories.

## Executive Council Meets

The Executive Council of the Aerospace Medical Association which meets twice each year always holds its most important business session during the time of the Annual Scientific Meeting. A second (special) meeting of the Council is called immediately after the election of New Officers at the Association's business meeting where both the old and new Council combine to launch activities for the coming year. During this meeting, new committee's are finalized and embryo plans are made for the upcoming Scientific Meeting.

For the first time in years both Council Meetings had perfect attendance. The only members of the two Executive Councils not shown in either photograph are Col. Spurgeon Neal, USA, and Dr. Peter V. Siegel who were not present when the photographs were made.



THE 1966-1967 COUNCIL—(Seated, l. to r.) Dr. Geoffrey Bennett, Dr. Richard Trumbull, Dr. Robert Gafford, Dr. Charles Berry, President Voris, Dr. Charles I. Barron, Lt. Col. Agnes Arrington, Dr. Cortez Enloe, Jr. and Maj. Gen. T. C. Bedwell, Jr.; (Standing, l. to r.) Dr. John P. Marbarger, Col. William K. Douglas, Brig. Gen. John M. Talbot, Capt. J. W. Weaver, Dr. James N. Waggoner, RADM J. Lee Holland, Dr. Merrill H. Goodwin, Dr. Earl T. Carter, Dr. Lauren G. Welch, Dr. Henning E. von Gierke, Dr. Don Flickinger, Col. Raymond A. Yerg, Capt. Sidney I. Brody, and Dr. William M. Helvey.



Dr. Goodwin Reports to the Members at Business Luncheon.



THE COMBINED COUNCILS—(Seated, l. to r.) Dr. Donald H. Stuhling, Capt. Joseph P. Pollard, Dr. Charles H. Steinmetz, Capt. Sidney I. Brody, Dr. Charles I. Barron, Capt. Mary F. Keener, President Waggoner, Past-President Voris, Dr. Merrill H. Goodwin, RADM J. Lee Holland, Lt. Col. Agnes Arrington, Dr. John R. McGraw, Dr. Luis A. Amezcua-G., and Col. Rufus R. Hessberg, Jr. (Standing, l. to r.) Dr. Robert Gafford, Dr. Neal E. Baxter, Col. Raymond A. Yerg, Dr. Birger Hannisdahl, Maj. Gen. Charles H. Roadman, Dr. William M. Helvey, Col. George E. Schafer, Dr. Henning E. von Gierke, Maj. Gen. T. C. Bedwell, Jr., Dr. W. J. Kennard, Dr. William Gillespie, Dr. Lauren G. Welch, Dr. Earl T. Carter, Brig. Gen. John M. Talbot, Dr. Cortez F. Enloe, Jr., Dr. Richard Trumbull, Capt. J. W. Weaver, Dr. Geoffrey Bennett, Dr. John P. Marbarger, Col. William K. Douglas, and Capt. Ralph L. Christy.

## 4th Flight Nurse Meeting and Symposium



More than three hundred members of the Aerospace Medical Association's Flight Nurse Section attended the Symposium on "The Challenge of Nursing in the Aerospace Environment" on Tuesday afternoon of the Washington Scientific Meeting. The excellent program was developed by Major

Pearl E. Tucker and Captain Dorothy R. Novotny, both of Cape Kennedy, Florida. The accompanying photograph shows a portion of the attendees at the Symposium.

At the luncheon on Wednesday, Major General Charles H. Roadman addressed the large audience.



HEAD TABLE GUESTS at Flight Nurse Luncheon included Lt. Gen. Bohannon, USAF Surgeon General. Lt. Col. Marchitelli is before the podium.



(l. to r.) Maj. Gen. C. H. Roadman, Guest Speaker, Capt. Veronica Bulshefski, Chief of the Navy Nurse Corps, and Col. Etzel Kovach, Chief of USAF Nurses.

## Space Medicine Annual Luncheon



HEAD TABLE GUESTS AT SPACE MEDICINE BRANCH LUNCHEON—(From top, l. to r.) Col. James B. Nuttall, USAF, Capt. Frank B. Austin, USN, Mr. David M. Clark, Dr. Charles A. Berry, Dr. William J. Kennard, Dr. Merrill H. Goodwin, Dr. G. Bradley McNeely, Capt. Ralph L. Christy, 1967 President, Dr. William H. Pickering, Guest Speaker, Capt. Frank B. Voris, USN, Col. Rufus R. Hessberg, USAF, and Dr. Paul Campbell.



Dr. Pickering Addresses Group on "The Search for Extraterrestrial Life."



1967 HUBERTUS STRUGHOLD AWARD is presented to Dr. Charles A. Berry by Captain Christy.

DR. ROBERT J. HUNTER, recognized as the first assigned Flight Surgeon, chats with Dr. Eugen Reinartz, Brig. Gen. USAF (Retired). Dr. Hunter was presented a special citation at the Society of USAF Flight Surgeons Luncheon and was recognized at the Association's business meeting.



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