



OFFICE OF THE DIRECTOR OF DEFENSE RESEARCH AND **ENGINEERING**
WASHINGTON 25, D.C.

Office of Science

14 February 1962

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MEMORANDUM FOR (See Distribution)

SUBJECT: Minutes of the Eighth Joint Medical Research Conference

The following personnel attended the eighth conference, 0900--1200, on 14 February 1962 in Room 3-D-1050, the Pentagon:

Colonel Donald C. Almy, AFRDR-IS
Dr. Frank W. Hartman, OTSG, USAF
Dr. H. T. Karsner, BuMed, D/Navy
Dr. R. A. Kern, Chairman, Temple University Hospital
Dr. Marion B. Sulzberger, US Army Med R&D Cmd
Col John M. Talbot, ODDR&E
Col Colin F. Verder Bruegge, US Army Med R&D Cmd
Cdr Herbert L. Walter, OASD/M (H&M)

1. The minutes of the previous meeting were approved.
2. a. Colonel Almy explained that DoD Instruction 3200.6 is now undergoing revision. It is entitled, "Reliability and Maintainability Information Required in Requirements Documents and Technical Development Plans." Discussion centered around the fact that this instruction omits consideration of reliability aspects of the human component of various military systems and subsystems. It was agreed that an attempt should be made to incorporate consideration of the reliability problems of the human component into the revised DoD instruction. The Office of Science will submit an appropriate recommendation to the DDR&E.
- b. The subject of research in the immunochemistry of burns was discussed in terms of whether or not a recommendation should be sent to the DASA to program support in this area. It was concluded that the DASA should be guided by the publication of the Subcommittee on Plasma of the NAS-NRC Committee on Blood and Related Problems, "Immunotransfusion in the Treatment of Burns," November 1961, which is an excellent summary evaluation of this area of interest.
- c. Recent actions of the DDR&E in attempting to reach a fundamental policy agreement between the DoD and the NASA on bio-astronautics support of NASA space flight missions were described by Colonel Talbot. The need for cooperation of the military departments in preparing a comprehensive bioastronautics RDT&E plan to support both NASA and DoD requirements was emphasized.

d. The currently planned activities of the Institute for Defense Analyses, Task T-20, biomedical research review panel were described, including the fact that four members of the T-20 panel have been added to the special ad hoc committee which is studying the BW-CW RDT&E program for the DDR&E. Itinerary of the T-20 panel is inclosed to indicate planned laboratory visits during February and March 1962.

3. New business:

a. Present status of the ODDR&E Office of Science was discussed. Conferees were requested to submit names of likely candidates to fill existing vacancies in the Office of Science.

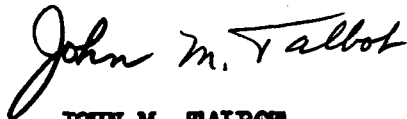
b. The NAS-NRC Committee on the Use of Electronic Computers in the Life Sciences will meet on 1 and 2 March 1962 at Massachusetts Institute of Technology. After discussion as to possible service interest, it was agreed that Miss Inger Hermann, Administrative Assistant in the Division of Biology and Agriculture, NAS-NRC would be asked to send invitations to the military departments requesting names of individuals who would like to attend the meeting as observers.

c. In answer to a question, Colonel Vorder Bruegge outlined recent actions that have been taken within the Department of the Army in planning for a "Medical Research and Services" program in southeast Asia, as informally requested by the ARPA (formerly referred to as the "Flying Doctor Program").

d. The status of the Army Tropical Research Medical Laboratory was discussed in terms of requirements for new facilities and the possibilities of moving the facilities to alternate sites in Puerto Rico.

e. Colonel Vorder Bruegge pointed out the importance of keeping in close touch with progress in the Army reorganization to make certain that appropriate lines of communication and responsibility between the Army Medical Research and Development Command and the laboratory elements conducting programs in the medical aspects of BW-CW will be preserved and/or established as needed.

4. The next meeting will be held at 0900 hours on 14 March 1962, place to be announced at a later date.



JOHN M. TALBOT
Col, USAF, MC
Chief, Medical Sciences Div.
Office of Science

Incl
Itinerary of T-20 Panel

Distribution

Colonel D. C. Almy, AFRDR-IS

Colonel Jack Bollerud, AFRDR-IS

B/Gen J. H. Forsee, Army Med R&D Cmd

Dr. E. G. Fubini, Deputy (Research) DDR&E

R/Adm C. B. Galloway, BuMed & Surgery

Dr. Frank Hartman, OTSG, D/AF

Col K. H. Houghton, OTSG, D/AF

Col T. E. Huber, OCRD, ARO-AHS, D/A

Dr. H. T. Karner, BuMed & Surgery

Dr. R. A. Kern, Temple University Hospital

Dr. Marion B. Sulzberger, Army Med R&D Cmd

Col Colin F. Verder Bruegge, Army Med R&D Cmd

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JOINT MEDICAL RESEARCH CONFERENCE

AGENDA
Eighth Meeting

1. Minutes of previous meeting
2. Discussion items
 - a. Reliability of the human component of military systems
Colonel D. C. Almy
 - b.. DASA and research in immuno-chemistry in burns - open discussion
 - c. Current status of DOD/NASA activity in bioastronautics
Colonel Talbot
 - d. Task-20 status
Colonel Talbot
3. New business - announcements:
 - a. Status of Science
 - b. Committee on Computers in Life Sciences
 - c. Flying Doctor Program
 - d. Relocation of Army Tropical Med Res Lab
4. Next meeting

TASK 20 - PROJECT SITE VISITS

<u>Date</u>	<u>Name of Installation</u>	<u>Subject</u>	<u>Personnel</u>
Feb. 7-8-9	Walter Reed Army Inst. of Research Armed Forces Radiation Res. Inst., Wash, DC Naval Medical Research Institute Bethesda, Maryland	Radiation Thermal Burns Trauma Management	Blumstein Cronkite Dammin Keenan Lindveit Long Meadow Pollack Stone Wood
Feb. 15-16	Aerospace Medical Division, AFSC Brooks AFB, Texas U. S. Army Surgical Research Unit Brooke Army Medical Center Fort Sam Houston, Texas	Radiation Thermal Burns Trauma Closed Ecolog- ical Systems	Cronkite Dammin Griffith Handler Keenan Lindveit Steinbach Stone Wood
Feb. 17	Aeromedical Field Lab., AFSC Holloman AFB, New Mexico	Radiation Animal Trng	Same as Feb. 15-16
Feb. 18	Naval Radiological Def. Lab. San Francisco, California	Radiation Biochemistry Management	Same as Feb. 15-16
Feb. 26	Army Special Forces Medical Training Activities Fort Bragg, North Carolina	Special Trng.	Pollack Stone
Feb. 27	Naval Med. Field Research Lab. Camp Lejeune, North Carolina	Special Trng.	Pollack Stone
March 2-3	Entire Task 20 Panel Meeting, IDA, Wash, DC		
March 7-8	Chelsea Naval Hospital Chelsea, Massachusetts Protein Foundation Boston, Massachusetts Naval Med. Research Lab. New London, Connecticut	Blood Program Blood Program Closed Ecolog- ical Systems	Cronkite Long Steinbach
March 12-13	U. S. Naval School of Aviation Med.	Closed Ecolog- ical Systems Naval Aviation Medicine Disorientation	Griffith Handler Lindveit Steinbach
March 19-20	U. S. Army Med. Research Lab. Fort Knox, Kentucky	Non-Ionizing Radiation Management Biochemistry	Goldman Handler Meadow Paget Steinbach
Incl -(Item 2.d.)			