



The University of Texas  
Health Science Center at Houston

P. O. Box 20036  
1100 Holcombe Boulevard  
Houston, Texas 77025  
(713) 792-4975

Action Copy to ALA  
Info Copy to AAAD  
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A-13036

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MM

Rec'd in NASA 9/9/74

Suspense Date 9/23/74

Prepare Reply if

Signature of A

Charles A. Berry, M.D., M.P.H.  
President

Action Copy to MM

September 3, 1974 Info Copy to -----

Dr. James C. Fletcher  
Administrator  
National Aeronautics and Space Administration  
Washington, D. C. 20546

Rec'd in Code 9/10/74

Portugal number 0074-305

Report date 9/24/74

Report made for -----  
Signature of A

Dear Jim:

Since departing NASA and entering the "academic life" I have been waiting for things to slow up. It seems however, that they never will and I am sure you found it the same way in Utah. I have wanted to drop you a note to thank you for the retirement reception, which while sad in many ways, was enjoyed by Del and myself due to the thoughtful content and planning exhibited by you and your staff. As we have talked before, NASA will always be a very real part of me no matter whether I am full time or in consultant status as now. I will continue to agonize with your problems and decisions and have thought of you a good deal lately as I have seen some of the releases concerning the equal opportunity program. Things here are going well and very active with budget hearings and attempts to pick up the reins in the fastest manner possible. Our time here has been made very difficult with a personal problem by my mother being very ill and staying with us, but things are at least somewhat improved in that area.

RECEIVED  
The second purpose for this letter is to ask your assistance in uring support of a one-day session on medical spinoff activity in Leyden, Holland on October 11, 1974. I am sure that you remember the film, "Moonflight and Medicine," which the Merck Company prepared and distributed and George used in Congress. That film won the Golden Eagle Cine Award for 1973 from the Council on International Nontheatrical events. Seeing it in the Netherlands stimulated the interest of the Royal Netherlands Society of Medicine. The medical faculty is some 400 years old and the Society is celebrating its 125th anniversary October 10, 11, and 12, 1974. Dr. Held, the Secretary of the Society, visited me along with Dr. Barends who is the Merck representative in the Netherlands. They stated that the Society had been impressed by my comments in the film and had decided to "dedicate a number of lectures to subjects concerning medical advances borrowed from the space flight program experience in order to give proper recognition

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to the information derived from space flights toward the understanding of physiology and pathology of man."

We do have a good deal of activity going on within NASA, as you know and I think this internal showcase could be of great help and value to us. I have made up a tentative program to include an overview and then at the end, my view of the future at the request of the meeting organizers. The other participants I would like to have are as follows:

Dr. Hal Sandler of Ames Research Center, to discuss such items as new techniques for studying cardiac dynamics, implantable bioinstrumentation, portable Echocardiology, blood flow measurements, etc.

Dr. Sam Pool of the Johnson Space Center, to discuss remote medical data systems for diagnosis and treatment (STARPHAC), emergency medical systems, microbial and viral detection systems and systems for diagnosis by determinations of volatiles in urine.

Dr. Ben D. Martin of Jet Propulsion Laboratory, to discuss image processing, karyotyping, surgical contamination control, multi-spectral analysis of burns, quantitative determinations of arteriosclerotic plaque, etc.

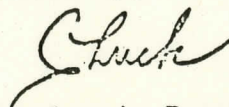
Dr. E. Wald Heer of Jet Propulsion Laboratory, to discuss computer enhancement of x-ray ultra sound technology and transmission techniques, including brain scans and the use of manipulator technology for the ill.

Mr. Robert Zimmerman, NASA Headquarters (KT), to discuss our methods of encouraging spinoffs and to be a resource person in the discussions.

I have had expressions of interest in this program by these individuals and would deeply appreciate your interest and encouragement to the Center Directors in order that they might support their participation in this program.

I hope to see you and the Headquarters family soon.

Sincerely,



Charles A. Berry, M.D., M.P.H.  
President

NASA COMMUNICATIONS

18: *[Signature]*

☐ FOR ACTION ☐ FOR INFORMATION

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PMS DR JAMES C FLETCHER ADMINISTRATOR CARE NASA HEADQUARTERS

WASHINGTON DC 20546

BECAUSE OF MY KEEN AWARENESS OF THE AGENCIES TRAVEL LIMITATIONS  
ARRANGEMENTS HAVE BEEN MADE FOR FIVE NASA PERSONNEL SITED IN  
MY LETTER OF SEPTEMBER 3 TO YOU TO TRAVEL TO ONE DAY MEETING  
OF THE ROYAL MEDICAL SOCIETY OF THE NETHERLANDS THROUGH A GRANT  
TO THE SOCIETY. I REQUEST YOU APPROVE THIS ARRANGEMENT AND URGE  
CENTER DIRECTOR TO APPROVE PER DIEM EXPENSES LETTER WITH DETAILS  
IS IN MAIL TO YOU

CHARLES A BERRY MD

840PEDT

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NASA WSH

Action Copy to  
Info Copy to

A-13124

Rec'd in NASA

Suspense Date  
Prepare Reply  
Signature of

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*A, AD*  
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*9/11/74*  
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*Ref: 13036*



NASA HEADQUARTERS

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NNIA04

9/13/74

X

H. S. BROWNSTEIN

755-2352

CHARLES A. BERRY, M.D., M.P.H.  
PRESIDENT  
UNIVERSITY OF TEXAS HEALTH SCIENCE  
CENTER AT HOUSTON  
P. O. BOX 20036  
HOUSTON, TX 77025

DEAR CHUCK:

I AM FLATTERED BY THE PROPOSAL OF THE ROYAL NETHERLANDS  
SOCIETY OF MEDICINE TO DEDICATE A PORTION OF THEIR 125TH  
ANNIVERSARY CELEBRATION TO LECTURES ON MEDICAL ADVANCES  
DERIVED FROM SPACEFLIGHT PROGRAMS. HOWEVER, BECAUSE OF  
THE LIMITED TIME AVAILABLE BEFORE THE MEETINGS ARE TO BE  
HELD, I FEAR THAT WE WILL BE UNABLE TO SUPPORT THE PLAN  
AS OUTLINED IN YOUR SEPTEMBER 3 LETTER AND TTX OF SEPTEMBER  
10.

I DEEPLY REGRET THE NEED TO RESPOND IN THIS FASHION. I  
KNOW YOU WILL UNDERSTAND THE DILEMMA WE FACE IN TRYING TO  
SCHEDULE THE ACTIVITIES OF OUR PEOPLE TO MEET OUR PROGRAM  
NEEDS AND LONG TERM PUBLIC COMMITMENTS. IN THE FUTURE,  
IT WOULD BE WISE TO ADVISE US EARLIER AND MAKE EZ OR  
DAVE WINTER AWARE OF SUCH NEEDS SO

THAT PLANS MAY BE FORMULATED AND SUPPORTING RESOURCES  
IDENTIFIED.

I HOPE THIS LETTER FINDS YOUR MOTHER IN IMPROVED HEALTH  
AND YOUR UNIVERSITY DUTIES WELL IN HAND. PLEASE GIVE MY  
BEST TO DELL.

SINCERELY,

signed by  
James C. Fletcher

SEP 23 1974

JAMES C. FLETCHER  
ADMINISTRATOR

bcc: A  
AD  
AA  
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AXM-3  
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JSC/DA/Johnston  
ARC/D/Mark  
JPL/Sec. 10/Pickering



# Telecon Report

Report of phone call from Dr. Berry, 8/30/74, 9:45 a.m., to Sam Pool

Subject: Dr. Berry requested my participation as a speaker for a conference to be held in Leyden, The Netherlands, October 11-12, 1974.

Background: The Royal Society of Medicine of The Netherlands (the oldest medical faculty in the world) is holding its 400th anniversary this year. To celebrate the anniversary, they are having an international conference to discuss advances in medical technology and speculate about medicine of the future.

Members of the Royal Society have had an opportunity to review the Technology Utilization film "Moon Flights and Medicine" and as a result, they have contacted Dr. Berry to organize a NASA presentation to their Society. One day has been set aside for the NASA presentation (Friday, October 11). In addition, Dr. Berry has been asked to make a 45-minute talk Saturday morning to summarize previous sessions and speculate as to the medicine of the future.

The tentative title for the October 11 session is "Space Technology and Ground Medicine."

Dr. Berry specifically asked me to speak on:

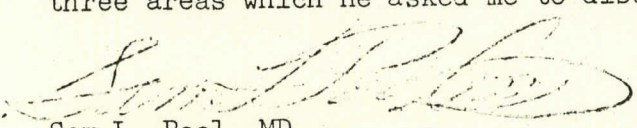
1. Remote medicine (telemedicine) - STARPAHC: 30 minutes
2. Emergency medical systems - Telecare, etc.: 20 minutes  
(might involve actual demonstration)
3. Advanced bioinstrumentation - 20 minutes  
G~~o~~ Analyzer, MLM, MEMS, etc.

Dr. Berry told me that he had written a letter to Fletcher last week requesting NASA approval. He also said that he had discussed the matter with E. Z. Gray, who would probably take the lead at Hqs in making appropriate arrangements within the Agency. Dr. Berry's new address is:

University of Texas Health Science Center  
P. O. Box 20036  
Houston, TX 77025

(713) 792-4975

Note: Dr. Berry asked that I send him some information relating to the three areas which he asked me to discuss at the conference.

  
Sam L. Pool, MD

DE13/8-74/19

AUG 30 1974

Charles A. Berry, M.D.  
 University of Texas Health Science Center  
 P. O. Box 20006  
 Houston, TX 77025

Dear Doctor Berry:

I appreciate your request for my participation in the medical conference scheduled for October 11-12 at London, The Netherlands. I have discussed it with Jim Post, and he in turn with Dick Johnston. Dick thought it would be best if you write a request for my participation directly to Dr. Kraft or himself, or both.

I have enclosed background information as you requested, along with my notes on our phone conversation which contains a brief outline of the presentation.

I hope to hear from you soon.

Sincerely,

Sam L. Pool, M.D.  
 Medical Applications Officer

Enclosures

cc:  
 DA/R. S. Johnston (w/o encls)

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## CONCURRENCES

NAME	DE							
INITIALS								
DATE	10/11/74							



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UNCLAS I/466. ATTN DIRECTOR.

FOLLOWING DISAPPROVAL OF NASA PARTICIPATION IN ROYAL  
DUTCH MEDICAL SOCIETY 1974 CONGRESS LEIDEN, OCTOBER  
12TH, US AMBASSADOR TO NETHERLANDS HAS ASKED RECONSIDER-  
ATION ON BASIS THAT MAJOR SHOWPIECE OF CONFERENCE WAS TO  
HAVE BEEN "SPINOFF-BENEFITS OF SPACE MEDICINE." MEETING  
WILL BE HIGHLY PRESTIGIOUS AND VISITED BY QUEEN. NON-  
APPEARANCE OF ENTIRE NASA GROUP AFTER BEING LISTED ON  
PROGRAM EXTREMELY EMBARRASSING. ACCORDINGLY (AND WITH  
NO INTENT TO DISEMBARRASS BERRY) THE OFFICES OF LIFE  
SCIENCES AND INTERNATIONAL AFFAIRS REQUEST THAT SAM L.  
POOL OF JSC AND BENN D. MARTIN OF JPL BE APPROVED TO  
ATTEND THE CONGRESS TO CONTRIBUTE AS APPROPRIATE TO THE  
CONGRESS THEME TOPIC.

THIS TELEGRAM WILL AUTHORIZE THEIR ATTENDANCE IN LIEU OF  
THE USUAL 1167 NON-PROGRAM TRAVEL FORMS. WILL DEEPLY  
APPRECIATE CENTER DIRECTORS' CONCURRENCE.

SOD ARNOLD W FRUTKIN, ASST ADMINISTRATOR FOR INT'L AFFAIRS

DAVID L WINTER, DIRECTOR FOR LIFE SCIENCES

BT

AC (orig)  
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RECEIVED  
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