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Janice S. Wallace
Science Communication Studies, DCE
The George Washington University
Washington, D. C.

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INTRODUCTION

The Biomedical Research and Clinical Medicine Programs of the Space Medicine and Biology Branch, Life Sciences Division, located within the Office of Space Science and Applications of the National Aeronautics and Space Administration, were established to investigate the major physiological and psychological problems encountered by man as he undertakes spaceflight. These programs seek to obtain a better definition of each problem and understanding of its underlying mechanism, and ultimately, a means of resolution and prevention.

Research supported by these programs is documented in this bibliography. The Space Medicine and Biology Branch has reorganized its research tasks into new disciplines: research tasks from the twelve former Biomedical Research and Clinical Medicine subject areas are now organized under seven discipline working groups. The subject headings in this bibliography therefore reflect these new disciplines. The subject headings are: Clinical Medicine, Space Human Factors, Cardiopulmonary, Musculoskeletal, Neuroscience, Radiation and Environmental Health, and Regulatory Physiology. Publications from mid-1984 through 1986 (resulting from research sponsored under the previous subject areas) are included in this bibliography. Also included are publications of the Life Sciences Flight Program investigators relevant to these subject areas since these investigators now also fall under the new disciplines. Articles are listed alphabetically by author under the subject area with which they are most closely associated.

Our intent in compiling this bibliography is twofold. First, we would like to provide the scientific community with a listing of recent publications resulting from research pursued under the auspices of NASA’s Biomedical Research and Clinical Medicine Programs. Secondly, we hope to stimulate an exchange of information and ideas among scientists working in the different areas of the program. To facilitate the exchange process, we have identified for each publication, by asterisk, the author participating in the program. Participating authors are listed on page 117 and an index of their papers is included.

We would like to thank all the participating authors for their publication lists. We would also like to thank Janice Susan Wallace for her editorial and technical expertise in the compilation of this bibliography.

Janis Stoklosa, Ph.D.
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SPACE MEDICINE PROGRAM PARTICIPANTS 1984-1986
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DR. JOHN D. ADAMS 87, 89
USAF SCHOOL OF AEROSPACE MEDICINE
BROOKS AIR FORCE BASE, TX 78235

DR. E. JOHN AINSWORTH 87, 90, 93, 99
LAWRENCE BERKELEY LABORATORIES
UNIVERSITY OF CALIFORNIA
BERKELEY, CA 94720

DR. RICHARD R. ALMON 39, 54
DEPARTMENT OF Biological SCIENCES
STATE UNIVERSITY OF NEW YORK
BUFFALO, NY 14260

DR. DAVID J. ANDERSON 59, 63, 75, 76, 81, 82
KRESGE HEARING RESEARCH INSTITUTE
UNIVERSITY OF MICHIGAN
ANN ARBOR, MI 48109

DR. CLAUDE D. ARNAUD 39, 42, 44, 54
VETERANS ADMINISTRATION MEDICAL CENTER
4150 CLEMENT STREET
SAN FRANCISCO, CA 94121

DR. SARA B. ARNAUD 39-41, 50, 55
MAIL STOP 239-17
NASA, AMES RESEARCH CENTER
MOFFETT FIELD, CA 94035

DR. L.H. BACK 14
NASA, JET PROPULSION LABORATORY
4800 OAK GROVE DRIVE
PASADENA, CA 91109

DR. EUGENE V. BENTON 87-90, 93, 94
DEPARTMENT OF PHYSICS
UNIVERSITY OF SAN FRANCISCO
SAN FRANCISCO, CA 94117

DR. F. OWEN BLACK 60, 65, 74, 75, 81
DEPARTMENT OF NEURO-OTOLOGY
GOOD SAMARITAN HOSPITAL AND MEDICAL CENTER
PORTLAND, OR 97210

DR. DAVID H. BLANKENHORN 11
NASA, JET PROPULSION LABORATORY
4800 OAK GROVE DRIVE
PASADENA, CA 91109

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DR. ROBERT H. BLANKS
DEPARTMENTS OF ANATOMY AND SURGERY
DIVISION OF OTOLARYNGOLOGY
UNIVERSITY OF CALIFORNIA
IRVINE, CA 92717

DR. C. GUNNAR BLOMQVIST
HEALTH SCIENCE CENTER AT DALLAS
UNIVERSITY OF TEXAS
DALLAS, TX 75325

DR. FRANK W. BOOTH
UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER
P.O. BOX 20035
HOUSTON, TX 77225

DR. DOUGLAS P. BOYD
DEPARTMENT OF RADIOLOGY
UNIVERSITY OF SAN FRANCISCO
SAN FRANCISCO, CA 94143

DR. JAMES V. BRADY
DEPARTMENT OF PSYCHOLOGY
JOHNS HOPKINS UNIVERSITY MEDICAL SCHOOL
BALTIMORE, MD 21205

DR. KENNETH R. BRIZZE
DELTA REGIONAL PRIMATE RESEARCH CENTER
TULANE UNIVERSITY
NEW ORLEANS, LA 70118

DR. PAUL BUCHANAN
BIOMEDICAL OPERATIONS AND RESEARCH OFFICE
NASA, KENNEDY SPACE CENTER
KENNEDY SPACE CENTER, FL 32899

DR. JAY C. BUCKEY
DIVISION OF CARDIOLOGY, H8.122
UNIVERSITY OF TEXAS
5323 HARRY HINES BLVD.
DALLAS, TX 75235

DR. MICHAEL BUNGO
SPACE BIOMEDICAL RESEARCH INSTITUTE
NASA, JOHNSON SPACE CENTER
HOUSTON, TX 77058

DR. P.X. CALLAHAN
MAIL STOP 240A-3
NASA, AMES RESEARCH CENTER
MOFFETT FIELD, CA 94035
DR. STANLEY ELLIS
MAIL STOP 239-17
NASA, AMES RESEARCH CENTER
MOFFETT FIELD, CA 94035

DR. J.D. ETLINGER
DEPARTMENT OF ANATOMY AND CELL BIOLOGY
DOWNSTATE MEDICAL CENTER
STATE UNIVERSITY OF NEW YORK
BROOKLYN, NY 11203

DR. LEON E. FARHI
DEPARTMENT OF PHYSIOLOGY
124 SHERMAN HALL
STATE UNIVERSITY OF NEW YORK
AT BUFFALO
BUFFALO, NY 14214

DR. ROBERT H. FITTS
DEPARTMENT OF BIOLOGY
MARQUETTE UNIVERSITY
MILWAUKEE, WI 53233

DR. SUZANNE M. FORTNEY
SCHOOL OF HYGIENE AND PUBLIC HEALTH
JOHNS HOPKINS UNIVERSITY
BALTIMORE, MD 21205

DR. CLAYTON FOUSHEE
MAIL STOP 239-21
NASA, AMES RESEARCH CENTER
MOFFETT FIELD, CA 94035

DR. M.A.B. FREY
BIOMEDICAL OPERATIONS AND RESEARCH OFFICE
NASA, KENNEDY SPACE CENTER
KENNEDY SPACE CENTER, FL 32899

DR. SHIRO FURUKAWA
BIOMEDICAL OPERATIONS AND RESEARCH OFFICE
NASA, KENNEDY SPACE CENTER
KENNEDY SPACE CENTER, FL 32899

DR. F. ANDREW GAFFNEY
CODE EBM
LIFE SCIENCES DIVISION
NASA HEADQUARTERS
600 MARYLAND AVE, S.W.
WASHINGTON, D.C. 20546

DR. JOEL P. GALLAGHER
DEPARTMENT OF PHARMACOLOGY AND TOXICOLOGY
UNIVERSITY OF TEXAS
GALVESTON, TX 77550
DR. HARRY K. GENANT
DEPARTMENT OF RADIOLOGY
UNIVERSITY OF CALIFORNIA
SAN FRANCISCO, CA  94143

DR. JAMES N. GEORGE
DEPARTMENT OF MEDICINE
UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER
7703 FLOYD CURL DRIVE
SAN ANTONIO, TX  78284

DR. JAY M. GOLDBERG
DEPARTMENT OF PHARMACOLOGICAL
AND PHYSIOLOGICAL SCIENCES
UNIVERSITY OF CHICAGO
CHICAGO, IL  60637

DR. GEOFFREY E. GOLDSPINK
DEPARTMENT OF ANATOMICAL
AND CELLULAR BIOLOGY
TUFTS UNIVERSITY
BOSTON, MA  02111

DR. DANIELLE J. GOLDWATER
MAIL STOP 239-17
NASA, AMES RESEARCH CENTER
MOFFETT FIELD, CA  94035

DR. JOHN E. GREENLEAF
MAIL STOP 239A-1
NASA, AMES RESEARCH CENTER
MOFFETT FIELD, CA  94035

DR. RICHARD E. GRINDELAND
MAIL STOP 239-7
NASA, AMES RESEARCH CENTER
MOFFETT FIELD, CA  94035

DR. HAROLD J. GUY
DEPARTMENT OF MEDICINE
M-023A
UNIVERSITY OF CALIFORNIA-SAN DIEGO
LA JOLLA, CA  92093

DR. EDGAR HABER
HARVARD MEDICAL SCHOOL
MASSACHUSETTS GENERAL HOSPITAL
FRUIT STREET
BOSTON, MA  02114

DR. J.R. HACKMAN
SCHOOL OF ORGANIZATION AND MANAGEMENT
YALE UNIVERSITY
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| DEPARTMENT OF PSYCHOLOGY                    |           |
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| DEPARTMENT OF OTOLARYNGOLOGY RESEARCH/E03,QSH|           |
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| DEPARTMENT OF NEURO-OTOLOGY                 |           |
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| DEPARTMENT OF PHYSIOLOGY                   |           |
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| DEPARTMENT OF NEUROLOGY                    |           |
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| DEPARTMENT OF ANATOMY                      |           |
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| MILWAUKEE, WI 53226                        |           |
DR. MARY ANN ROKITKA
DEPARTMENT OF PHYSIOLOGY
124 SHERMAN HALL ANNEX
STATE UNIVERSITY OF NEW YORK
AT BUFFALO
BUFFALO, NY 14214

23, 24

DR. JAMES A. ROONEY
CALIFORNIA INSTITUTE OF TECHNOLOGY
NASA, JET PROPULSION LABORATORY
4800 OAK GROVE DRIVE
PASADENA, CA 91109

95

DR. MURIEL D. ROSS
MAIL STOP 236-7
NASA, AMES RESEARCH CENTER
MOFFETT FIELD, CA 94035

71, 75, 77

DR. HAROLD SANDLER
MAIL STOP 239-8
NASA, AMES RESEARCH CENTER
MOFFETT FIELD, CA 94035

15, 16, 19, 23-25, 107

DR. WALTER SCHIMMERLING
LAWRENCE BERKELEY LABORATORIES
UNIVERSITY OF CALIFORNIA
BERKELEY, CA 94720

90, 95, 98, 99

DR. VICTOR S. SCHNEIDER
BIOMEDICAL LABORATORY BRANCH
SPACE BIOMEDICAL RESEARCH BRANCH
NASA, JOHNSON SPACE CENTER
HOUSTON, TX 77058

40, 47, 48, 52

DR. ROBERT H. SCHOR
ROCKEFELLER UNIVERSITY
1230 YORK AVENUE
NEW YORK, NY 10021

78, 81

DR. ROBERT H. SELZER
CALIFORNIA INSTITUTE OF TECHNOLOGY
NASA, JET PROPULSION LABORATORY
4800 OAK GROVE DRIVE
PASADENA, CA 91109

26

DR. R. GREGG SETTLE
VETERANS ADMINISTRATION MEDICAL CENTER
39TH WOODLAND AVE
PHILADELPHIA, PA 19104

54
DR. JOHN H. SIEGEL
MARYLAND INSTITUTE FOR EMERGENCY MEDICAL SERVICE SYSTEMS
22 SOUTH GREENE STREET
BALTIMORE, MD 21201

DR. WARREN K. SINCLAIR
NATIONAL COUNCIL ON RADIATION PROTECTION AND MEASUREMENT
7910 WOODMONT AVENUE, SUITE 1016
BETHESDA, MD 20814

DR. THOMAS L. SMITH
DEPARTMENT OF PHYSIOLOGY
BOWMAN GRAY SCHOOL OF MEDICINE
WAKE FOREST UNIVERSITY
300 HAWTHORNE ROAD
WINSTON-SALEM, NC 27103

DR. CHARLES R. STEELE
DEPARTMENT OF MECHANICAL ENGINEERING
STANFORD UNIVERSITY
STANFORD, CA 94305

DR. THOMAS P. STEIN
SCHOOL OF OSTEOPATHIC MEDICINE
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY
401 HADDON AVENUE
CAMDEN, NJ 08103

DR. H.L. STONE
HEALTH SCIENCE CENTER
UNIVERSITY OF OKLAHOMA
OKLAHOMA CITY, OK 73190

DR. GERALD R. TAYLOR
IMMUNOLOGY LABORATORY CODE SD5
NASA, JOHNSON SPACE CENTER
HOUSTON, TX 77058

DR. WILLIAM E. THORNTON
THE ASTRONAUT OFFICE
NASA, JOHNSON SPACE CENTER
HOUSTON, TX 77058

DR. CHARLES M. TIPTON
DEPARTMENT OF EXERCISE AND SPORT SCIENCES
UNIVERSITY OF ARIZONA
TUCSON, AZ 85721

DR. DAVID L. TOMKO
MAIL STOP 242-3
NASA, AMES RESEARCH CENTER
MOFFETT FIELD, CA 94035

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