

Allen J. Parmet, MD, MPH

Curriculum vitae as of October 14, 2001

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Date of Birth: November 25, 1950

Place of Birth: Kansas City, Missouri

Education

Undergraduate: United States Air Force Academy - B.S. 1972
Medical School: University of Kansas - M.D. 1976
Internship: David Grant Medical Center - 1977
Travis AFB, California
Residency: Phase I - University of Texas
School of Public Health at
Houston - M.P.H. 1981
Phase II - USAF School of Aerospace
Medicine Brooks AFB, Texas - 1982
Fellowship: Space Medicine - NASA/Johnson
Space Center, Houston, Texas - 1982
Post-Graduate Work: University of Kansas School of
Medicine, Department of Toxicology 1995-98

License

Kansas	#17322	December 9, 1977
Texas	#F1185	June 12, 1978
Missouri	#R2G63	August 22, 1986
Colorado	#31655	April 9, 1992

Educational Short Courses

Aerospace Medicine Primary, USAF School of Aerospace Medicine
Brooks AFB, TX, 1977.

Combat Casualty Care Course, Brooke Army Medical Center, Ft.
Sam Houston, TX, 1982.

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Forensic Accident Investigation, Armed Forces Institute of Pathology, Walter Reed Army Institute of Research, Washington, D.C., 1983.

Crash Investigators Course, Arizona State University, 1983.

Aircraft Accident Investigation Course, University of Southern California Safety Systems Institute, Los Angeles, 1988.

Certificates & Examinations

National Board of Medical Examiners Certificate # 176115
American Board of Preventive Medicine Certification:
Aerospace Medicine - Diplomate January 27, 1983
Occupational Medicine - Diplomate January 31, 1989
Medical Review Officer Certification Council - June 13, 1993
Recertification-September 10, 2000
American Board of Forensic Examiners - September, 1996
Forensic Medicine-Diplomate, December, 1998

Medical Job History

1999- Co-investigator, Tularemia vaccine, USAMRIID

1998-99 Co-investigator, Inhaled zanamivir suppression of influenza clinical trial, Glaxo-Wellcome

1998 - American Society of Aerospace Medicine Specialists
President 1999-2000
Vice-President 1998-99

1998 - Co-investigator, Pentavalent Botulism vaccine study, Centers for Disease Prevention and Control

1998 - Medical Researcher, Neurobehavioral effects of pyridostigmine, DoD

1995- Airline Transport Association (Medical Committee)
Vice Chairman 1999
Chairman 2000

1994 - Medical Director, Trans World Airlines
1993 - 95 Medical Director, St. Luke's Occupational Medicine Group, Kansas City, Missouri

1992 - Great Plains College of Occupational and Environmental Medicine:

- President, 1996-97
 1st Vice-President, 1995-96
 2nd Vice-President, 1994-95
 Secretary-Treasurer, 1993-94
- 1992 - 94 Consultant, Mid-America Coalition on Health Care/
 Workers' Compensation Task Group, Kansas City,
 Missouri
- 1987 - Associate Editor, **Aviation, Space and Environmental
 Medicine**
- 1987 - 92 Professor, Department of Aerospace Medicine, United States
 Air Force School of Aerospace Medicine, Brooks AFB, TX:
- Course Director, Aerospace Medicine Primary,
 1987-91.
- Course Director, Operational Aeromedical Problems,
 1988-92.
- Course Director, Health Professions Scholarship Program,
 1990-92.
- Course Director, Aeromedical Readiness and Management
 Course, 1990-92.
- Course Director, Global Medicine Course,
 1991 & 92.
- Deputy Director, Residency in Aerospace Medicine,
 1989 - 92.
- 1985 - 87 Associate Professor of Health Sciences, Chapman College
 Extension, Los Angeles, CA. Courses taught: Epidemiology,
 Genetics, Infectious Disease.
- 1984 - Series Editor - Cases From the Aerospace Medicine Residents'
 Teaching File in Aviation Space and Environmental Medicine
- 1984 - 87 Space Transportation System Medical Director/Chief of
 Aerospace Medicine, Vandenberg AFB, CA
- 1982 - 84 Chief of Flight Evaluations, School of Aerospace Medicine,
 Brooks AFB, TX
- 1979 - 80 Flight Surgeon, Randolph AFB Clinic, TX

1977 - 79 Flight Surgeon, Office Training School Clinic,
Lackland AFB, TX

Other Activities

2001 Member, NIOSH Workshop, Bronchiolitis Obliterans in New
Occupational Settings: Developing a Clinical and Public Health
Approach

1982 - 86 Member, Education and Training Committee;
1988 - 92 Aerospace Medical Association

1984 - 87 Member, NASA/USAF Space Transportation System
Personnel Assurance program Review Committee

1986 - 89 Member, History and Archives Committee;
Aerospace Medical Association

1987 - 89 Chairman, Reinartz Education and Training
1990 - 92 Committee; Society of USAF Flight Surgeons

1982 - 86 Member, USAF Manned Spaceflight Engineer
Selection Panel

1987 - 91 Member, USAF Astronaut Nomination Panel

1987 - Member, USAF School of Aerospace Medicine
Residency Advisory Committee

1991 - 2000 Member, Awards Committee (1992 - 2000 Vice-Chair);
Aerospace Medical Association

1993 - Senior Aviation Medical Examiner, Federal Aviation
Administration

1993 - 96 Chairman, Occupational Medicine Section, St. Luke's
Hospital Department of Medicine

1993 - 95 Member, Infection Control Committee, St. Luke's
Hospital Department of Medicine

1995 - Chairman, Quality Assurance Committee, St. Luke's
Hospital Department of Medicine

1996 - Member, Medical Committee, Airline Transport Association
Vice Chairman, 1999
Chairman, 2000-

- 1998-99 Chairman, Scientific Committee, Civil Aviation Medical Association
- 2000- Chairman, Passenger Health Committee, Aerospace Medical Association

Honors

- Fellow, American College of Preventive Medicine
- Fellow, Aerospace Medical Association
- Academician, International Association of Aviation and Space Medicine
- Diplomate, American College of Forensic Examiners

Awards

- Society of USAF Flight Surgeons Howard Unger Annual Award For Best Publication - 1984
- USAF Meritorious Service Medal - 1984
- USAF Meritorious Service Medal, 1st OLC - 1987
- USAF Meritorious Service Medal, 2nd OLC - 1992
- Strategic Air Command Flight Surgeon of the Year - 1985
- Peter T. Bohan Lecturer, University of Kansas - 1986
- Outstanding Clinical Instructor for the Residency in Aerospace Medicine - 1989
- New Zealand/Patterson Trust Visiting Lecturer-1999
- John A. Tamisea Award, Aerospace Medical Association-2001

Professional Associations

- American Medical Association
- Aerospace Medical Association
- American Association of Aerospace Medicine Specialists
- Civil Aviation Medical Association
- Space Medicine Branch
- American College of Occupational & Environmental Medicine
- Great Plains College of Occupational & Environmental Medicine
- American College of Preventive Medicine
- American Academy of Forensic Scientists/Toxicology Section
- American College of Forensic Examiners
- International Academy of Aviation & Space Medicine
- Society of Automotive Engineers

Academic Appointments

- 2000- Adjunct Clinical Professor, Department of Preventive Medicine, University of Kansas School of Medicine

- 2000- Adjunct Clinical Professor, Department of Preventive Medicine,
University of Texas Medical Branch at Galveston
- 1997 - Adjunct Clinical Faculty, University of Missouri at Kansas City
School of Medicine
- 1995 - Adjunct Faculty, School of Engineering, Institute of Safety and
Systems Management, University of Southern California, Los
Angeles, California
- 1992 - Adjunct Professor, Department of Aerospace Medicine, USAF
School of Aerospace Medicine, Brooks AFB, TX
- 1990 - 94 Adjunct Assistant Professor of Preventive Medicine and
Biometrics, F. Edward Hebert School of Medicine, Uniformed
Services University of the Health Sciences, Bethesda, MD
- 1988 - Associate Clinical professor, Department of Community Medicine,
Wright State University School of Medicine, Dayton, OH
- 1988 - 92 Adjunct Clinical Faculty, University of the Pacific School of
Medicine, San Diego, CA
- 1987 - 92 Professor, Department of Aerospace Medicine, United States Air
Force School of Aerospace Medicine, Brooks AFB, TX
- 1985 - 87 Associate Professor of Health Sciences, Chapman College, Los
Angeles, CA

Publications (Sole or first author unless noted)

Original Articles

Treatment of Neovascular Glaucoma with Transscleral Panretinal Cryotherapy, (Co-author) Ophthalmology, Nov 1980, 87(11): 1106 - 1111

Nonsexual Transmission of Gonorrhea to a Child (with H.J. Lipsitt), New England Journal of Medicine, Aug 12, 1984, 470

A Clinical Challenge: How Many Ways Can You Skin A Cat, Aviation Space and Environmental Medicine, 55 (10): 946-6, 1984

Case from the Aerospace Medicine Residents' Teaching File #1: Toxic Peripheral Neuropathy, Sacroilitis and Mitral Valve Prolapse, Aviation Space and Environmental Medicine, 55 (11): 1057-69, 1984

Feedback # 1, Aviation Space and Environmental Medicine, 55 (11): 1059, 1984

Case from the Aerospace Medicine Residents' Teaching File # 2: On an aviator with an Acoustic Neuroma, Aviation Space and Environmental Medicine, 55 (12):1151-53, 1984

Feedback # 2: My Best Case, My Worst Case, Aviation Space and Environmental Medicine, 55 (12): 1153, 1984

Case from the Aerospace Medicine Residents' Teaching File # 3: An Aviator with Idiopathic Dilated Cardiomyopathy, Aviation Space and Environmental Medicine, 56 (1): 62-65, 1985

Feedback # 4, Aviation Space and Environmental Medicine, 56 (3): 274, 1985

Feedback # 7, Aviation Space and Environmental Medicine, 56 (11): 1118-1119, 1985

Feedback # 9, Aviation Space and Environmental Medicine, 56 (12): 1228, 1985

Space Shuttle at Vandenberg, Military Medicine, 150 (11): A1-A3, 1985

Drain That Swamp, Military Medicine, 151 (1): 60-63, 1986

Feedback # 8, Aviation Space and Environmental Medicine, 57 (1): 84, 1986

Letter, Aviation Space and Environmental Medicine, 57 (1): 85, 1986

Case from the Aerospace Medicine Residents' Teaching File # 14: An Aviator with Hodgkin's Disease, (Co-author) Aviation Space and Environmental Medicine,

57(8): 805-7, 1986

Feedback # 14, Aviation Space and Environmental Medicine, 57 (8): 807, 1986

Case from the Aerospace Medicine Residents' Teaching File # 15; An Aviator with Chronic Lymphocytic Leukemia, (Co-author) Aviation, Space and Environmental Medicine, 57 (11): 1109-11, 1986

Feedback # 15: Aviation, Immunity and AIDS, Aviation, Space and Environmental Medicine, 57 (11): 1111, 1986

Feedback # 17, Aviation, Space and Environmental Medicine, 58 (4): 381, 1987

The Early Birds of 1911, Aviation, Space and Environmental Medicine, 58 (3): 276-79, 1987

Feedback # 21, Aviation, Space and Environmental Medicine, 59 (1): 88, 1988

Case from the Aerospace Medicine Residents' Teaching File # 31: Methemoglobinemia, Aviation, Space and Environmental Medicine, 1989, 60 (5):465-6.

Case from the Aerospace Medicine Residents' Teaching File #45: An aviator with Melanoma (Co-author), Aviat. Space Environ. Med. 1991; 62(7):694-6.

Body Volume Changes During Simulated Microgravity: Auditory Changes, Segmental Fluid Redistribution, and Regional Hemodynamics, (with L.D. Montgomery), Annals of Biomedical Engineering, 1993, 21:417-433.

Sixty for Ten (Editorial), Aviation, Space and Environmental Medicine, 1994, 65:670.

Case from the Aerospace Medicine Residents' Teaching File # 60: An Aviator with Erythema Multiformae, Aviation, Space and Environmental Medicine, 1994, 65:672-73.

Survey of the American Board of Preventive Medicine Examination - 1994, Occupational and Environmental Medicine Report, 1995, 9(8): 66-67.

Case from the Aerospace Medicine Residents' Teaching File # 62: An Aviator with Lead Poisoning and Peripheral Neuropathy, Aviation, Space and Environmental Medicine 1995, 66(11):1107-1109.

Case From the Aerospace Medicine Residents' Teaching File # 63: Three Aviators Presenting with Hypoxic Symptoms as Manifestation of Underlying Systemic Diseases, Aviation, Space and Environmental Medicine, 1995, 66(12):1215-1217.

Epidemiology Research Report - Hip Fractures and Osteoporosis: Underdiagnosis or Undertreatment?, (with K. Huston), St. Luke's Medical Rounds, Kansas City, Sept. 26, 1997.

The Very Large Airplane: Safety, Health and Comfort Considerations, (ATA Medical Committee Report), Aviation, Space & Environmental Medicine, 1997, 68(10):943-46.

Tuberculosis on the Flight Deck, Aviation, Space & Environmental Medicine, 1997, 70(7):731-32.

Expediting Publication to Inform Political Debates, New England Journal of Medicine, 1999;340:1682.

Awaiting Publication:

Alcohol absorption by antacids, Journal of Toxicology

Rapidly Progressive Fixed Airway Obstructive Disease in Popcorn Workers: A New Occupational Pulmonary Illness? Journal of Occupational and Environmental Medicine

Occupational Exposure to Clostridium Tetanus and Tetanus Toxin, Military Medicine.

Books, Chapters and Review Articles

Seasonal Protection through Voluntary Programs, Occupational Health and Safety, 50 (11):27-30, 1981

You're the Flight Surgeon, Aviation, Space and Environmental Medicine, May 53(5): 512, 1982

Chapter 25: Space Medicine in AFM 160-1, Aerospace Medicine, December 1983

AsMA Self-Assessment Program (Contributor), Aviation, Space and Environmental Medicine, 55 (2): 156, 1984

Heart Facts, Professional Pilot, Oct 1987, pg. 12.

Heart Facts Part 2, Professional Pilot, Dec 1987, pg. 32.

Aircraft Accident Search and Rescue (SAR) Operations, Aeromedical & Training Digest, Vol. 2, No. 3, July 1988

Chapter 24: Missile Medicine, in ARM 161-18, Flight Surgeon's Guide, JA

Bishop, Ed, Department of Aerospace Medicine, Brooks AFB, TX, Jan 1989.

Chapter 25: Space Medicine (Co-author) in AFM 161-18, Flight Surgeon's Guide, JA Bishop, Ed, Department of Aerospace medicine, Brooks AFB, TX, Jan. 1989.

Study guide for Preventive Medicine Certification 1989, (Co-author with Nick A. Vlachos & Leland G. Wessel) OEM Health Information, Boston, MA, 1989.

TOP KNIFE # 24: Toxicologic and Radiation Hazards of Fighter Aviation Operations, (Videotape and notetaking guide), from TOP KNIFE video CME series, National Guard Bureau, Washington, D.C., Sept 1989.

Toxicology in Aviation, Aeromedical & Training Digest, Vol. 4, Issue 1, January 1990, Pg 43-47.

Toxicology Effects of Propellants and Fuels in Aviation Accidents, Aeromedical Training Institute, Warminster PA, Video Series #AS05, 1990.

Study Guide for Preventive Medicine Certification 1990, (Co-Author with Nick A. Vlachos & Leland G. Wessel) OEM Health Information, Boston, MA, 1990.

Flight Surgeons, MILITARY MEDICINE, 155(12):A4, 1990

Book Review: Journey into Space, ASEM, 1991, 62(2):182.

Book Review: Aviation Medicine, ASEM, 1991, 62(2):182.

Study Guide for Preventive Medicine Certification 1991, (Co-Author with Nick A. Vlachos & Leland G. Wessel) OEM Health Information, Boston, MA, 1991.

Chapter 24: Missile Medicine in AFM 161-18, Flight Surgeon's Guide, RC Whitton, Ed, Department of Aerospace Medicine, Brooks AFB, TX, Dec 1991.

Chapter 25: Space Medicine (Co-Author) in AFM 161-18, Flight Surgeon's Guide, RC Whitton, Ed, Department of Aerospace Medicine, Brooks AFB, Tx, Dec 1991.

Study Guide for Preventive Medicine Certification 1992, (Co-Author with Nick A. Vlachos & Leland G. Wessel) OEM Health Information, Boston, MA, 1992.

Study Guide for Preventive Medicine Certification 1993, (Co-Author with Nick A. Vlachos & Leland G. Wessel) OEM Health Information, Boston, MA, 1993.

Book Review: Space Medicine & Physiology, ASEM, 65(6):583, 1994.

Book Review: Chemical Exposures, ASEM, 65(6):584, 1994.

Study Guide for Preventive Medicine Certification 1994, (Co-Author with Nick A. Vlachos & Leland G. Wessel) OEM Health Information, Boston, MA, 1994.

Book Review: Phantom Risk-Scientific Inference and the Law, ASEM, 65(7):677, 1994.

Repetitive Use Injury: Diagnosis, Treatment and Prevention, Kansas Medicine, 95(9):1193-4, 1994.

Book Review: Operation Crossroads, ASEM, 66(2):182, 1995.

Book Review: Textbook of Military Medicine-Occupational Health, ASEM, 66(2):182, 1995.

Medical Standards, AOPA Pilot, 38(2):24-25, 1995.

Study Guide for Preventive Medicine Certification 1995, (Co-Author with Nick A. Vlachos & C. Patrick Chalk) OEM Health Information, Beverly, MA, 1995.

Book Review: The Preastronauts, ASEM, 66(11): 1115, 1995.

Book Review: Dark Sun, The Making of the Hydrogen Bomb, ASEM, 67(2):188, 1996.

Book Review: Hunter's Occupational Medicine, 8th Edition, ASEM, 67(2):187, 1996.

Chapter 35: Aviation and the Environment. *In **Fundamentals of Aerospace Medicine, 2nd Edition***, Edited by RL DeHart, Lea & Febiger, Philadelphia, 1996.

Study Guide for Preventive Medicine Certification 1996, (Co-Author with Nick A. Vlachos & C. Patrick Chalk) OEM Health Information, Beverly, MA, 1996.

Hepatitis A: Diagnosis, Treatment and Prevention, Kansas Medicine, 97(1):14-5, 1996.

Book Review: Occupational Medicine in Aviation, ASEM, 67(7):665, 1996.

Fatigue and Flight, PLANE Safe, 1(3):3-5, 1996.

Book Review: Toxic Exposures, ASEM, 68(2):165, 1997.

Book Review: Science, Nonscience and Nonsense, ASEM, 67(2):165, 1997.

Study Guide for Preventive Medicine Certification 1997, (Co-Author with Nick A. Vlachos & C. Patrick Chalk) OEM Health Information, Beverly, MA, 1997.

Book Review: Pilot Judgement and Resource Management, ASEM, 68(6):548, 1997.

Book Review: Toxicology, ASEM, 68(6):548, 1997.

Book Review: Why Buildings Fall Down, ASEM, 68(6):548, 1997.

Book Review: Dead Men Do Tell Tales, ASEM, 68(8):755, 1997.

Medical Aspects of Air Travel, Audio-Digest Family Practice, 44(31), August, 1997.

Cabin Air Quality, Part I, Bulletin of the Civil Aviation Medical Association, 7-11, August, 1997.

Book Review: Molecular Oncology, ASEM, 68(9):868, 1997.

Book Review: DOT Medical Examination, ASEM, 68(11):1056, 1997.

Book Review: Science and the Detective, ASEM, 68(11):1057, 1997.

Book Review: Bad Blood, ASEM, 68(11):1058-59, 1997.

Book Review: The Nazi Doctors, ASEM, 68(11):1059-60, 1997.

Book Review: Issues in International Occupational and Environmental Medicine, ASEM, 68(11):1057-58, 1997.

Vision, PLANE Safe, 2(3):14-16, 1997.

Don't Fly with a Cold, PLANE Safe, 2(4):8-9, 1998.

Cabin Air Quality, Part II, Bulletin of the Civil Aviation Medical Association, 3-6, January, 1998.

Book Review: Aircraft Crashworthiness, ASEM, 69(4), 421, 1998

Book Review: The Man Who Grew Two Breasts, ASEM 68(), 1997.

Clinical Aerospace Physiology Review for Aviation Medical Examiners. (Co-Author David Jones), Text (330 pgs), Video and Computer Program, CAMI, Oklahoma City, OK, 1998.

Book Review: The OEM Internet Companion, ASEM, 69(7):707, 1998.

Book Review: The Perfect Storm, ASEM, 69(7):708, 1998.

Book Review: The Island of the Color-blind, ASEM, 69(10):1015, 1998.

Book Review: A Life Aloft, ASEM, 69(10):1015, 1998.

Book Review: Epidemics and History, ASEM, 69(11):1118, 1998.

Hearing Protection: Stick it in your ear, David Clark, Inc. Web Site,
<http://www.davidclark.com/hearprot.html>, 1998.

Tuberculosis in the cabin, PLANE Safe, 3(4):11-13, 1999

Book Review: Turbulent Skies, ASEM, 70(6):621, 1999.

Book Review: Biomarkers, ASEM, 70(6):621, 1999.

Book Review: Biomarkers and Occupational Health, ASEM, 70(6):621, 1999.

Case #1: Hypoxia & color vision in night flight (co-author), Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #2: Hypoxia & COPD, Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #3: Hypoxia & decompression (co-author), Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #4: Hyperventilation flight (co-author), Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #5: Decompression sickness: bends, Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #6: Alternative medicine, Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #7: Flying after diving-DCS prevention, Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #8: Air embolism, Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #9: Barotitis and barosinusitis, Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #10: Delayed barotitis (co-author), Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #11: Spatial disorientation: graveyard spin illusion, Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #12: Coriolis illusion (co-author), Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #13: Air sickness (co-author), Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #14: Simulator sickness, Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #15: Flicker vertigo, Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #16: Acceleration induced loss of consciousness (G-LOC) (co-author), Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #17: Low acceleration G-LOC (co-author), Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #18: Noise Exposure (co-author), Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #19: Vibration diseases, Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #20: Laser exposure, Multimedia AME Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #21: Carbon monoxide poisoning, Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #22: Heat stress, Multimedia AME Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #23: Information overload (co-author), Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #24: Fatigue (co-author), Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #25: Emotional stress (co-author), Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #26: Caffeine Abuse, Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #27: Adverse physiologic effects of smoking (co-author), Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #28: Over the counter medications (co-author), Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #29: Alcohol consumption and performance, Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Case #30: Post-mortem alcohol production, Multimedia AME Refresher Course, FAA/CAMI, Oklahoma City, OK, 1998.

Book Review: Guns, Germs and Steel, ASEM, 70(9):936, 1999.

Book Review: Lindbergh, ASEM, 70(9):936, 1999.

Tuberculosis on the Flight Deck, ASEM 70(8):817-8, 1999

Book Review: Unit 731 Testimony, ASEM, 70(9):945, 1999.

Book Review: Occupational Safety and Health Management, ASEM, 70(9):946,1999.

Book Review: Blind Man's Bluff, ASEM, 71(4):455, 2000.

Book Review: Towards Mach 2, ASEM, 71(4):456, 2000.

Book Review: Smithy, ASEM, 71(5):552, 2000.

Book Review: The New World of Mr. Tompkins, 71(5)553, 2000.

Book Review: Biohazard, 71(10):1068, 2000.

Book Review: Hard Landings, 71(11):1165, 2000.

Book Review: Science on Trial, 72(1):73, 2001.

Book Review: Dragonfly: NASA and the crisis aboard Mir, 72(2): 148, 2001.

Book Review: On-Site Occupational Health and Rehabilitation, ASEM, 72(6):593,2001.

Book Review: Amelia Earhart's Daughters, ASEM, 72(6):593,2001.

Awaiting Publication

Book Review: Disaster at the Pole, 72(),2001.

Book Review: In the Land of White Death, 72(),2001.

Book Review: Indoor Air Quality, 72(),2001.

Book Review: Biological Monitoring Methods for Industrial Chemicals, 72(),2001.

Chapter 8: Spatial Orientation in Flight. *In **Fundamentals of Aerospace Medicine, 3rd Edition***, Edited by RL DeHart and J Davis, Lea & Febiger, Philadelphia, 2002.

Chapter 6: Occupational Medicine in the Aviation Industry, *In **Transportation Medicine***, Natalie Hartenbaum, Ed., Lea & Febiger, Philadelphia, 2002.

Chapter 12: Occupational Medicine Abroad, *In **STARS: Aviation Industry***, Keeting Green, Ed., Hanley & Belfus, New York, 2002.

Abstract and Presentations

Unilateral Hearing Loss in USAF Aviators, Aerospace Medical Association 53rd Annual Scientific Meeting, Miami Beach, FL, May 1982.

Space Medicine, An Overview, (Keynote Address) Operational Aeromedical Problems Course, Brooks AFB, January 1983.

Auditory Effects of Antiorthostatic Simulation of Weightlessness, (Co-Author) AsMA Annual Scientific Meeting, May 1984.

Segmental Hemodynamic Responses to Antiorthostatic Simulation of Weightlessness (Co-Author), Asthma Annual Scientific Meeting, May 1984.

Changes in Calf Volume due to Antiorthostatic Simulation of Weightlessness, (Co-Author), AsMA Annual Scientific Meeting, May 1984.

Medical Support of Space Shuttle Operations at Vandenberg Launch Site, Operational Aeromedical Problems 1985, Brooks AFB, Jan 85 and Strategic Air Command Chiefs of Aerospace Medicine Conference, OFFUTT AFB, May 1985.

Human Factors in Military Space, AIAA Military Space Shuttle Operations Meeting (Secret) - May, 1986.

Medical Aspects of a Titan Missile Mishap, presented at AsMA Annual Scientific Meeting, May 13, 1987.

Human Factors in Accident Investigation, AMTI Sixth Annual Conference on Aviation Physiology and Training, Environmental Techtonics, Southampton, PA, May 2, 1988.

Toxicological Effects of Propellants and Fuels in Aircraft Accidents, AMTI Sixth Annual Conference on Aviation Physiology and Training, Environmental Techtonics, Southampton, PA, May 2, 1988.

Aircraft Accident Search and Rescue Operations, AMTI Sixth Annual Conference on Aviation Physiology and Training, Environmental Techtonics, Southampton, PA, May 3, 1988 and Aerospace Medicine Primary, Oct 24, 1988; March 15, 1989; August 17, 1989; April 11, 1990; August 31, 1990.

Beryllium Rocket Fuels-A Physician's View, Joint Army-Navy-NASA-Air Force Safety & Environmental protection Subcommittee Meeting (Secret), Naval Postgraduate School, Monterrey, CA, May 24, 1988.

Comparing Air Force and Navy Aerospace Medicine, Association of Military Osteopathic Physicians and Surgeons 7th National Conference, San Diego, CA, March 30, 1989.

Space Medicine - Where Do We Go From Here?, NASA Aerospace Safety Advisory Panel, Dallas, TX, April 5, 1989.

Leaving the Cradle, St. Louis Academy of Science and the St. Louis Science Foundation, St. Louis, MO, July 20, 1989.

Human Factors in Aircraft Accidents, 36th Annual Flying Physicians Association Scientific Meeting, Vancouver BC, Canada, August 6, 1990.

What is Acceptable Risk (of Decompression Sickness)?, Hypobaric Decompression Sickness Workshop, Brooks AFB, October 18, 1990. Proceedings published 1994, by Aerospace Medical Association.

Investigation of a Mass Casualty/Food borne Epidemic due to Citrobacter, Global Medicine, Brooks AFB, TX, Jan 23, 1991.

Aeromedical Support of Combat Operations, Aerospace Medical Association 62nd Annual Scientific Meeting, Cincinnati, Ohio, May 9, 1991.

Human Factors in Flight, Grand Round-University of Utah, Salt Lake City, UT, Nov. 9, 1991.

USAF Aeromedical Problems During OPERATIONS DESERT SHIELD/STORM, Aerospace Medical Association 63rd Annual Scientific Meeting, Miami, FL, May 14, 1992.

Flight Surgeon Self-Assessment Review, Panel Member, Aerospace Medical Association 63rd Annual Scientific Meeting, Miami, FL, May 14, 1992.

The Medical Provider's Role in Workers' Compensation, Workers' Compensation Seminar, Kansas City Professional Education Institute, Kansas City, MO, May 14, 1993.

How To Manage New Industrial Illnesses: Carpal Tunnel Syndrome, Stress,

Trauma and Other Maladies of the 90's, Workers' Comp Update 1993, Council on Education in Management, Walnut Creek, CA, Sept 15, 1993.

Methods By Which Occupational and Environmental Medicine Puts Workers Back on the Job, Company Productivity and Return to Work Programs, Menninger Return to Work Center, Kansas City, MO, Oct 29, 1993.

Role of the Medical Review Officer, Company Productivity and Return to Work Programs, Menninger Return to Work Center, Kansas City, MO, Oct 29, 1993 and Columbia, MO, March 6, 1994, Employee Assistance Program Center, Kansas City, MO, May 25, 1995.

The Medical Provider's Role in Workers' Compensation, KCPEI Workers' Compensation Seminar, Kansas City, MO, May 14, 1994, and Menninger Return to Work Seminar, Columbia, MO, March 6, 1994.

Aviation and Transportation Law: Drugs and Alcohol, Missouri Bar Association Annual Meeting, Kansas City, MO, Sept 22, 1994.

Environmental Emergencies, Great Plains College of Occupational and Environmental Medicine, Kansas City, Mo, Sept 22, 1994.

Toxicology, Carroll P. Hungate Postgraduate Seminar on Occupational and Environmental Health, Great Plains College of Occupational and Environmental Medicine, Overland Park, KS, March 11, 1995.

Preparing for the Occupational Medicine Board Examination, lecture & seminar director, American Occupational Health Conference, Las Vegas, NV, May 1, 1995, residents' seminar, USAF School of Aerospace Medicine, Brooks AFB, TX, Oct 27, 1997.

Developing and Managing a Medical Surveillance Program, American Industrial Hygiene Conference, Kansas City, MO, May 20, 1995.

Travel Medicine, Grand Rounds, Trinity Lutheran Hospital, Kansas City, MO, June 19, 1996; Medicine Grand Rounds, St. Luke's Hospital, Kansas City, MO, July 5, 1996.

Crash Survival, Protection and Investigation, Physics and Biology Colloquium, Benedictine College, Atchison, KS, February 24, 1997.

Occupational Health for Travelers, 20th Carroll P. Hungate Postgraduate Seminar on Occupational and Environmental Health, Great Plains College of Occupational and Environmental Medicine, Overland park, KS, March 8, 1997.

Medical Aspects of Air Travel, with RB Rayman and DP Millett, Aerospace Medical Association Annual Scientific Meeting, Chicago, IL, May 13, 1997; abstracted in Aviat, Space and Environ, Med, 1997, 68 (10):958.

Cabin Air Quality, Aerospace Medical Association Annual Scientific Meeting, Chicago, IL, May 13, 1997; abstracted in Aviat. Space and Environ. Med, 1997, 68(10):958.

Chemical Exposures, Workers' Compensation 1997 Annual Seminar, Division of Workers' Compensation, Kansas Department of Human Resources, Overland Park, Kansas, Sept 26, 1997 and Wichita, KS, November 6, 1997.

Building Associated Illnesses, 21st Carroll P. Hungate Postgraduate Seminar on Occupational and Environmental Health, Great Plains College of Occupational and Environmental Medicine, Kansas City, MO, March 8, 1998.

Occupational Medicine, Community Medicine Program, University of Kansas School of Medicine, Kansas City, Ks, Oct 21, 1998.

Commercial Airline Concerns in Aircraft Accident Investigations, Aerospace Medical Association Annual Scientific Meeting, Detroit, MI, May 17, 1999.

Patients Who Travel, Trinity Lutheran Hospital, Kansas City, MO, May 27, 1999, FAA Aviation Medicine Seminar, Houston, TX, May 17, 2000.

Your Air is Making Me Sick, Air Line Medical Directors Annual Scientific Meeting, Reno, NV, May 5, 2001

Fixed Airway Obstruction in a Microwave Popcorn Plant Worker with Acute Symptoms and Subsequent Improvement. (prime author SG Von Essen), American Thoracic Society, November 18, 2001.

Prevalence of Potentially Disqualifying Physical and Mental Conditions Among Commercial Airline Flight Attendants, (prime author WW Daltisch III), Aerospace Medical Association Annual Scientific Meeting, Montreal, QUE, Canada, May 3, 2002.

Lectures

Physiology of Manned Space Flight, lectures delivered at USAF School of Aerospace Medicine to medical student classes, Jul and Aug 1982, June and July 1983, June and July 1984 and June and July 1985.

Rocket Fuels and Chemical Hazards, lecture delivered to Santa Barbara Co Paramedics, June 14, 1985, Oct 17, 1985 and February 21, 1986; and USAF Hospital Vandenberg Professional Staff - July 2, 1985 and Lompoc Community Hospital Professional Staff, June 20, 1986.

Acquired Immune Deficiency Syndrome lecture delivered to USAF Hospital Vandenberg Professional Staff, Sept 30, 1985 and Dental Staff Oct 2, 1985.

Space Medicine - An Update, SAC Hospital Commanders' Conference, Offutt AFB, Oct 1985.

Medical Aspects of Manned Space Flight, University of Kansas, May 16, 1986 and to Health Profession Scholarship Students at USAFSAM, Brooks AFB, TX on July 2 and July 21, 1986, 22 June & 12 July 1987, 24 June and 27 July 1989, 27 June and 26 July 1991, and to Advanced Aeromedical Course for Allied Medical Officers on 9 Feb 1987, 20 & 22 Jan 88, 19 & 20 Jan 89, 17 & 18 Jan 90, 23 & 24 Jan 1991, 27 & 28 Jan 1992, 27 Jan 1993 and to Residents in Aerospace Medicine, 20 Nov 87, 4 Feb 89, 2 April 90, 17 & 18 Dec 1990, 28 & 30 Aug 91, 27 Aug 93, 2 Aug 94 and to Aerospace Medicine Primary Course 13 Nov 1987, 10 Apr 1988, 1 Sept 1988, 8 Nov 1989, 19 April 1990, 23 August 1990, 19 April 1991, 8 Nov 91, 7 April 92 and Grand Rounds, Geisinger Medical Center, Danville, PA on 7 Feb 1988 and Luzerne County Medical Society, Wilkes-Barre, PA on 8 Feb 1989 and Oregon Institute of Technology, Klamath Falls, OR on 27 March 1990 and Utah Surgical Society, Salt Lake City, UT, 5 Nov 1991.

Hazardous Materials and the Space Shuttle Program, 4th Annual Pre-Hospital Care Conference, Santa Barbara, CA, June 23, 1986.

Missile Medicine, Aerospace Medicine Primary Course, Brooks AFB, TX, July 22, 1986, Oct 18, 1986, Feb 8, 1987, Aug 21, 1987, Oct 5, 1987, March 17, 1988 and July 27, 1988, Oct 13, 1988, March 20, 1989, Aug 1, 1989, Feb 14, 1990, August 1, 1990, March 21, 1991, Aug 15, 1991, Oct 15, 1991 and March 12, 1992.

Sexually Transmitted Diseases and Military Preventive Medicine, to Aerospace Medicine Primary Course, Brooks AFB, 6 Aug 1987, 15 Oct 1987, 11 Mar 1988, 5 Aug 1988, 11 Oct 1988, 20 Mar 1989, 27 July 1989, 6 Oct 1989, 15 Feb 1990, 2 Aug 1990, 4 Oct 1990, 13 March 1991, 16 Aug 1991, 4 Oct 1991, and March 27, 1992.

Role of the Flight Surgeon (lecture) presented to AMP, Brooks AFB, 2 Oct 1987, 7 Mar 1988, 25 Jul 1988, 4 Oct 1988, 4 Mar 1989, 24 Jul 1989, 3 Oct 1989, 12 Feb 1990, 30 Jul 1990, 2 Oct 1990, 11 Mar 1991, 3 Oct 1991, 9 Mar 1992; Bioenvironmental Engineering Course, 2 Feb 1989, 22 Aug 1989, 26 Jan 1990, 22 Aug 1990, 1 Feb 1991, 21 Aug 1991, 7 Feb 1992; Environmental Health Officer's Course, 5 Jul 1989, 3 Oct 1989, 26 Jan 1990; Health Professions Scholarship Program, 5 Jun and 3 Jul 1990, 4 Jun and 1 Jul 1991.

Introduction to Toxicology (lecture) presented to Aerospace Medicine Primary Course, Brooks AFB, 6 Oct 1987, 10 Mar 1988, 2 Aug 1988, 26 Jul 1989, 16 Feb 1990, 2 Aug 1990, 10 Oct 1990, 15 Mar 1991, 20 Aug 1991, 8 Oct 1991, 31 Mar 1992, 1 Nov 1993, 16 Mar 1994, 16 Aug 1994, 28 Oct 1994, 18 Mar 1995, 16 Aug 1995, 20 Oct 1995, 14 Aug 1996, 16 Oct 1996, 2 Apr 1997, 18 Aug 1997, 27 Oct 1997, 4 Apr 1998, 24 Aug 1998, 2 Nov 1998, 2 Apr 1999, 19 Aug 99, 4 Apr 00, 24 Aug 00, 21 Oct 00 and University of Texas Medical Branch at

Galveston, 8 Aug 00.

Fuels and Propellants (lecture) presented to Aerospace Medicine Primary, Brooks AFB, 5 Oct 1987, 17 Mar 1988, 28 Jul 1988, 13 Oct 1988, 20 Mar 1989, 1 Aug 1989, 16 Feb 1990, 2 Aug 1990, 10 Oct 1990, 21 Mar 1991, 20 Aug 1991, 8 Oct 1991, 12 Mar 1992, 1 Nov 1993, 16 Mar 1994, 16 Aug 1994, 28 Oct 1994, 18 May 1995, 14 Aug 1995, 20 Oct 1995, 14 Aug 1996, 16 Oct 1996, 2 Apr 1997, 18 Aug 1997, 27 Oct 1997, 4 Apr 1998, 24 Aug 1998, 2 Nov 1998, 2 Apr 1998, 19 Aug 99, 4 Apr 00, 4 Aug 00, 21 Oct 00 and Wright State University on 18 Nov 1988, University of Texas School of Public Health at Houston on 10 April 1989 and 16 Apr 1990, Aerospace Medicine for International Medical Officers on 18 Apr 1988, 19 Jan 1989, 18 Jan 1990 and 1 April 1991, and USAF Residency in Aerospace Medicine on 14 Sept 1989 and University of Texas Medical Branch at Galveston, 8 Aug 00.

Human Factors in Aircraft Accident Prevention, Aerospace Medicine Supervisor Course 1988, Brooks AFB, 27 May 1988 and Aerospace Medicine Primary Course, 10 Aug 1988, 19 Oct 1988, 27 Mar 1989, 7 Aug 1989, 18 Oct 1989, 4 Apr 1990, 10 Aug 1990, 16 Oct 1990, 3 Apr 1991, 1 Aug 1991, 17 Oct 1991, 13 Mar 1992, and Embry Riddle University Extension, Randolph AFB Human Factors Course, 11 Oct 1989, 22 Aug 1990 and Aerospace Physiologists Course 18 July 1989.

Flight Surgeon Operations (lecture), Battlefield Medical operations Course, Brooks AFB, 12 Jul 1989 and Aerospace Physiologists course, 18 Jul 1989.

Adjuncts to Airway and Ventilation (lecture), Advanced Cardiac Life Support Course, Brooks AFB, 19 Jul 1989.

Industrial Operations (lecture) Environmental Health Officers Course, 5 Jul 1989; Aerospace Medicine Primary Course, 26 Jul 1989, 5 Oct 1989, 14 Feb 1990, # Aug 1990, 10 Oct 1990, 15 Mar 1991, 20 Aug 1991, 8 Oct 1991, 31 Mar 1992; and Flight Surgeon Course, Defense and Civil Institute of Environmental Medicine, Toronto, Ontario, 6 Nov 1989.

Medical Terminology (lecture) Bioenvironmental Engineers Course, 23 Aug 1989.

Human Physiology for Engineers (8 hours of lecture) Bioenvironmental Engineers Course, 24 & 25 Aug 1989, 26 & 27 Jan 1990, 23 & 24 Aug 1990, 4 & 5 Feb 1991, 22 & 23 Aug 1991.

Medical Readiness and Disaster Response (lecture) Environmental Health Officers Course, 14 Sept 1989.

Mishap Investigation (lecture), Advanced Medical Standards Course, 19 Sept 1989.

Crash Survival (lecture), AMP Course 18 Oct 1989, 4 Apr 1990, 10 Aug 1990, 5 Apr 1991, 1 Aug 1991, 17 Oct 1991, 13 Mar 1992.

Myocardial Infarction (lecture), Advanced Cardiac Life Support Course, Brooks AFB, 17 Jan 1990.

Senior Flight Surgeon Examination Review Seminar, Operational Aeromedical Problems Course, Brooks AFB, 24 Jan 1990.

Disaster Management Seminar, Operational Aeromedical Problems Course, 25 Jan 1990.

Aeromedical Problems of Tactical Air Operations, Health Professions Scholarship Program, 6 Jun & 5 Jul 1990, 5 Jun & 3 Jul 1991.

Aeromedical Problems of Strategic and Airlift Operations, Health Professions Scholarship program, 7 Jun & 5 Jul 1990, 5 Jun & 3 Jul 1991.

Aeromedical Problems of Training Programs and Reconnaissance Operations, Health Professions Scholarship Program, 8 Jun & 6 Jul 1990, 6 Jun & 24 Jul 1991.

Monitoring and Dysrhythmias, Advanced Cardiac Life Support Course, Brooks AFB, 9 Jul 1990.

Preparing for the Senior Flight Surgeons' Exam, Association of Military Surgeons of the United States 97th Annual Meeting, Nashville, Tennessee, 15 Nov 1990.

Impact Acceleration, Aerospace Physiologist Course, Brooks AFB, 9 Jul 1991; University of Kansas Department of Preventive Medicine Grand Rounds, 20 Feb 1992.

Disaster Planning, Management and medical Response", Lancaster County Civil Defense/Airshow Planning, Lincoln, Nebraska, 27 Aug 1991.

Aeromedical Medicine, Grand Rounds at University of Utah School of Medicine, Salt Lake City, Utah, 6 Nov 1991.

Human Factors in Air Force Helicopter Mishaps, 1st Coast Guard Aeromedical Problems Course, CGS Mobile, Alabama, 28 Feb 1992.

Space Shuttle Contingency Operations, 1st Coast Guard Aeromedical Problems Course, CGS Mobile, Alabama, 28 Feb 1992.

History of Aerospace Medicine, Residency in Aerospace Medicine, Brooks AFB, TX, 1 Jul 1992; and Advanced Aerospace Medicine for International medical Officers, Brooks AFB, TX, 26 Jan 1993.

Occupational Arthritis and Rheumatologic Problems, the Rheumatology Center, Kansas City, MO, 16 Jan 1993.

AIDS and Business: Impact on the Workplace, St. Luke's Outreach, Kansas City, MO, 12 May & 29 July 1993.

Basic Statistics, OB-GYN Grand Rounds, St. Luke's Hospital, Kansas City, MO, 24 Sept 1993.

Drugs and Alcohol, Aviation Medical Seminar/Federal Aviation Administration, Chicago, IL, 25 Jun 1994, 11 May 1995, Memphis, TN, 27 Aug 1995.

Aviation Toxicology, Aviation Medical Seminar/Federal Aviation Administration, Chicago, IL, 26 Jun 1994; Anaheim, CA, 12 May 1995; Memphis, TN, 27 Aug 1995.

Transport by Air of the Ill and Injured, Chicago, IL, 26 Jun 1994; Anaheim, CA, 12 May 1995; Memphis, TN, 27 Aug 1995.

Aviation Physiology, Basic Aviation Medical Examiners Seminar, Civil Aeromedical Institute, Mike Moroney Aeronautical Center, Oklahoma City, OK, 14 Nov 1994, 4 Apr 1995, 16 Sept 1996, 2 Jun 1997, 25 Aug 1997, 16 Dec 1997, 16 Mar 1998, 24 Aug 1998, 14 Jun 1999, 15 Sept 1999, 20 March 2000, 4 June 2000, 18 Sept 2000, 6 Dec 2000, 4Apr 2001, 10 Sept 2001.

Biomedical Factors in Accident Prevention: Part I-altitude Physiology, Aviation Safety Program of the Institute of Safety and Systems Management, University of Southern California, Los Angeles, CA, 21 Jun 1995, 28 Sept 1995, 24 Jan 1996, 4 Jun 1996, 1 Oct 1996, 8 Jan 1997, 8 Apr 1997, 9 Sep 1997, 5 Jan 1998, 10 Apr 1998, 11 June 1998, 20 Sep 1998, 5 Jan 1999, 13 Apr 1999, 15 Jun 1999, 14 Sept 1999, 29 Feb 2000, 6 June 2000, 14 Oct 2000, 30 Jan 2001, 1 May 2001, 17 Sept 2001.

Biomedical Factors in Accident Prevention: Part II - Acceleration Physiology, Aviation Safety Program of the Institute of Safety and Systems Management, University of Southern California, Los Angeles, CA, 21 Jun 1995, 28 Sept 1995, 24 Jan 1996, 5 Jun 1996, 1 Oct 1996, 8 Jan 1997, 8 Apr 1997, 9 Sep 1997, 5 Jan 1998, 10 Apr 1998, 11 Jun 1998, 20 Sep 1998, 5 Jan 1999, 13 Apr 1999, 15 Jun 1999, 14 Sept 1999, 29 Feb 2000, 6 June 2000, 14 Oct 2000, 30 Jan 2001, 1 May 2001, 17 Sept 2001.

Biomedical Factors in Accident Prevention: Part III - Perception in Flight, Aviation Safety Program of the Institute of Safety and Systems Management, University of Southern California, Los Angeles, CA, 21 Jun 1995, 28 Sept 1995, 24 Jan 1996, 5 Jun 1996, 1 Oct 1996, 8 Jan 1997, 8 Apr 1997, 9 Sep 1997, 5 Jan 1998, 10 Apr 1998, 11 Jun 1998, 20 Sep 1998, 5 Jan 1999, 13 Apr 1999, 15 Jun 1999, 15 Sept 1999, 29 Feb 2000, 6 June 2000, 14 Oct 2000, 30 Jan

2001, 1 May 2001, 17 Sept 2001.

Biomedical Factors in Accident Prevention: Part IV - Environmental Stress, Aviation Safety Program of the Institute of Safety and Systems Management, University of Southern California, Los Angeles, CA, 22 Jun 1995, 29 Sept 1995, 25 Jan 1996, 5 Jun 1996, 2 Oct 1996, 9 Jan 1997, 9 Apr 1997, 9 Sep 1997, 6 Jan 1998, 11 Apr 1998, 12 Jun 1998, 21 Sep 1998, 6 Jan 1999, 14 Apr 1999, 16 Jun 1999, 15 Sept 1999, 29 Feb 2000, 7 June 2000, 15 Oct 2000, 30 Jan 2001, 2 May 2001, 17 Sept 2001.

Biomedical Factors in Accident Prevention: Part V - Self-Imposed Stress, Aviation Safety Program of the Institute of Safety and Systems Management, University of Southern California, Los Angeles, CA, 22 Jun 1995, 29 Sep 1995, 25 Jan 1996, 5 Jun 1996, 2 Oct 1996, 9 Jan 1997, 9 Apr 1997, 10 Sep 1997, 6 Jan 1998, 11 Apr 1998, 12 Jun 1998, 21 Sep 1998, 6 Jan 1999, 14 Apr 1999, 16 Jun 1999, 15 Sept 1999, 1 March 2000, 7 June 2000, 15 Oct 2000, 31 Jan 2001, 2 May 2001, 17 Sept 2001.

Biomedical Factors in Accident Prevention: Part VI - Drugs, Alcohol and Health Issues, Aviation Safety Program of the Institute of Safety and Systems Management, University of Southern California, Los Angeles, CA, 22 Jun 1995, 29 Sep 1995, 25 Jan 1996, 5 Jun 1996, 2 Oct 1996, 8 Jan 1997, 9 Apr 1997, 10 Sep 1997, 6 Jan 1998, 11 Apr 1998, 12 Jun 1998, 21 Sep 1998, 6 Jan 1999, 14 Apr 1999, 16 Jun 1999, 15 Sept 1999, 1 March 2000, 7 June 2000, 15 Oct 2000, 31 Jan 2001, 2 May 2001, 17 Sept 2001.

Human Factors - Theme and Objectives, Aviation Medical Seminar/Federal Aviation Administration: Tampa, FL 2 Dec 1995; Denver, CO, 8 Mar 1996; Minneapolis, MN, 3 Aug 1996; Dallas, TX, 18 Oct 1996; Washington, DC, 4 Apr 1997; Albuquerque, NM, 12 Jul 1997; Los Angeles, CA, 21 Feb 1998; New Orleans, LA, 11 Dec 1998, Fairfax, VA, 22 Jan 1999, Chicago, IL, July 17, 2000, Houston, TX, February 24, 2001, Reno, NV, May 9, 2001.

Human Performance, Aviation Medical Seminar/Federal Aviation Administration: Tampa, FL, 3 Dec 1995; Denver, CO, 9 Mar 1996; Minneapolis, MN, 4 Aug 1996; Dallas, TX, 18 Oct 1996; Washington, DC, 5 Apr 1997; Albuquerque, NM, 13 Jul 1997; Los Angeles, CA, 22 Feb 1998; New Orleans, LA, 12 Dec 1998, Fairfax, VA, 23 Jan 1999, Chicago, IL, July 18, 2000, Houston, TX, February 25, 2001, Reno, NV, May 9, 2001.

Crashworthiness/Survival, Aviation Medical Seminar/Federal Aviation Administration: Tampa, FL, 3 Dec 1995; Denver, CO, 9 Mar 1996; Minneapolis, MN, 4 Aug 1996; Dallas, TX, 18 Oct 1996; Washington, DC, 5 Apr 1997; Albuquerque, NM, 13 Jul 1997; Los Angeles, CA, 22 Feb 1998, New Orleans, LA, 12 Dec 1998, Fairfax, VA, 23 Jan 1999, Chicago, IL, July 18, 2000, Houston, TX, February 25, 2001, Reno, NV, May 9, 2001.

Biomedical Factors in Aircraft Accident Investigation: Part I - Altitude

Physiology, Aviation Safety Program of the Institute of Safety and Systems Management, University of Southern California, Los Angeles, CA, 11 Dec 1995 and 4 Jun 1997.

Biomedical Factors in Aircraft Accident Investigation: Part II - Acceleration Physiology, Aviation Safety Program of the Institute of Safety and Systems Management, University of Southern California, Los Angeles, CA, 11 Dec 1995 and 4 Jun 1997.

Biomedical Factors in Aircraft Accident Investigation: Part III - Perception in Flight, Aviation Safety Program of the Institute of Safety and Systems Management, University of Southern California, Los Angeles, CA, 11 Dec 1995, 4 June 1997.

Biomedical Factors in Aircraft Accident Investigation: Part IV - Environmental Stress, Aviation Safety Program of the Institute of Safety and Systems Management, University of Southern California, Los Angeles, CA, 12 Dec 1995, 5 Jun 1997.

Biomedical Factors in Aircraft Accident Investigation: Part V - Self-Imposed Stress, Aviation Safety Program of the Institute of Safety and Systems Management, University of Southern California, Los Angeles, CA, 12 Dec 1995, 5 Jun 1997.

Biomedical Factors in Aircraft Accident Investigation: Part VI - Drugs, Alcohol and Health Issues, Aviation Safety Program of the Institute of Safety and Systems Management, University of Southern California, Los Angeles, CA, 12 Dec 1995, 5 June 1997.

Biomedical factors in Aircraft Accident Investigation: Part VII - Medical Forensics and the Crash Scene - Hazards: seen and unseen, Aviation Safety Program of the Institute of Safety and Systems Management, University of Southern California, Los Angeles, CA, 12 Dec 1995, 5 June 1997.

Streiten Im Luftfahrtpersonal Auswahlen (Controversy in Aircrew Selection), Luftfahrtmedizinischen Seminar, Osterreichische Gesellschaft fur Alpin- und Hohenmedizin, Wiener Neustadt, Austria, 20 Sept 1997.

Uberleben den Unglucksfall (Accident Survival), Luftfahrtmedizinischen Seminar, Osterreichische Gesellschaft fur Alpin- und Hohenmedizin, Wiener Neustadt, Austria, 20 Sep 1997.

Reisenproblem und Krankheit mit Fluggast and Flieger (Travel Problems and disease transmission in air travelers), Luftfahrtmedizinischen Seminar, Osterreichische Gesellschaft fur Alpin- und Hohenmedizin, Wiener Neustadt, Austria, 20 Sept 1997.

Chemical Exposures, Workers' Compensation 1997 Annual Seminar, Kansas

Department of Human Resources/Division of Workers' Compensation, Sep 26, 1997, Overland Park, KS and Nov 6, 1997, Wichita, KS.

The Role of the Occupational Medicine Physician, Missouri Self-Insurers Association 8th Annual Meeting, North Kansas City, MO, 20 Oct 1997.

Careers in Aerospace and Occupational Medicine, American Medical Student Association, University of Health Sciences, Kansas City, MO, 29 Jan 1998.

Multiple Chemical Sensitivity, Heart of America Case Managers Conference, Kansas City, Mo, 30 Apr 1998.

Toxic exposures in structure fires, Kansas City Video conference Center, Kansas City, MO, 26 Aug 1998.

Human Space Flight: Expanding Biomedical Knowledge, Eighth Annual Iowa Space Grant Conference, Iowa University, Iowa City, Iowa, 30 Oct 1998.

Role of the Airline Medical Director, Residency in Aerospace Medicine, Brooks AFB, TX, 12 Nov 1998.

Spatial Disorientation, Aviation Medical Seminar/Federal Aviation Administration, New Orleans, LA, 12 Dec 1998.

Medical Guidelines for Travelers, St. Luke's Hospital, Kansas City, MO, July 9, 1999 and Truman Medical Center Residency Program, Kansas City, MO, July 9, 1999, Aerospace Medical Association Annual Scientific Meeting, Houston, TX, May 14, 2000, FAA Regional AME Seminar, Houston, TX, February 28, 2001, Reno, NV, May 9, 2001.

Space Medicine", Aviation Medical Society of Australia & New Zealand Annual Scientific Meeting, Cairns, Queensland, Australia, Oct 1, 1999, Southwest Clinical Society, Overland Park, Kansas, Oct 25, 2000, Grand Rounds, Baptist Medical Center, Kansas City, MO, Feb 7, 2001.

Medical Aspects of Passenger Travel, Aviation Medical Society of Australia & New Zealand Annual Scientific Meeting, Cairns, Queensland, Australia, Oct 1, 1999.

Bioterrorism and the Transportation Industry, American College of Occupational and Environmental Medicine State of the Art Conference, San Antonio, TX, Oct 20, 1999.

Vision, Refractive Surgery and Pilot Challenges, Aviation Physiology Course (guest lecture), Central Missouri State University, Warrensburg, MO, Oct 28, 1999.

Pilot stress, longevity, drug testing and worker's compensation, Human Factors

Course (guest lecture), Central Missouri State University, Warrensburg, MO, Oct 28, 1999.

Civil Aviation Medicine-Panel Discussion, Residency in Aerospace Medicine, USAF School of Aerospace Medicine, Brooks AFB, TX, Nov 4, 1999; Sept 14, 2000.

Airline Medical Director's View, Residency in Aerospace Medicine,

USAF School of Aerospace Medicine, Brooks AFB, TX, Nov 4, 1999; Sept 15, 2000.

Crash Investigation and Prevention, Grand Rounds, Trinity Lutheran Hospital, Kansas City, MO, Feb 26, 2000.

Bioterrorism, Critical Care Conference, KC Southwest Clinical Conference, Overland Park, KS, May 4, 2000. Hungate Conference, Great Plains College of Occupational and Environmental Medicine, Overland Park Kansas, February 23, 2001, Baptist Hospital Clinical Conference, Kansas City, MO, October 10, 2001, University of Kansas Capstone Sessions, October 18, 2001.

Subjective Syndromes, 2nd Annual Clinical/Psych Rehab Conference, Kansas City, MO, May 10, 2000.

Cabin Air Quality Issues, House of Lords Subcommittee on Science and Technology, London, England, June 6, 2000.

Drug Testing in the Workplace, 14th Kansas Workers' Compensation Seminar, Jan 15, 2001, Lawrence, KS. Greater Kansas City Occupational Health Nurses Association, February 14, 2001, Kansas City, KS.

Who was the Driver? Motor Vehicle Accident Investigation Seminar, American Academy of Forensic Science Annual Scientific Meeting, Seattle, WA, February 21, 2001.

Age 60 Rule: The Airline Medical Department View. Aerospace Medical Association, Pilot Aging Seminar, Reno, NV May 7, 2001.

MRO for PAs, (with James Butler, MD), American Academy of Physician Assistants, Anaheim, CA, June 1, 2001.

Science and Non-Science: Cause and Effect in the Workplace, Kansas State Workers' Compensation Conference, Overland Park, KS, September 11, 2001 and Wichita, KS, September 19, 2001.

Dead men do tell tales: heart attacks on the job. 2001 Annual Missouri Worker's Compensation Institute, Kansas City, MO, October 12, 2001.

AEDs in commercial aviation-an update. Civil Aviation Medical Association
Annual Scientific Meeting, Atlanta, GA, October 13, 2001

Zapped: AEDs in the workplace. 52nd Kansas Safety & Health Conference,
Overland Park, KS, October 16, 2001.

Curriculum Vitae

Name: JON R. MAY, PhD, RPh (CAPT (Ret.) U.S. Public Health Service)

Present Address: 8840 Edgewood Drive, Gaithersburg, Maryland 20877

Date of Birth: April 19, 1938

Place of Birth: Elizabethtown, Pennsylvania

Marital Status: Married to Annabelle Lee May (Registered Nurse)

Children: Erik Russell May (28), Mechanical Engineer

Kimberly Anne May (26), Doctor of Veterinary Medicine

Employment:

- September 1982 - Present** Consultant to the National Association of Boards of Pharmacy (NABP)
- March 1983 - Sept. 1982** Served as Special Assistant to the Director, State Program Coordination Branch, Division of Federal-State Relations, Office of Regional Operations, ORA, Food and Drug Administration. I coordinated and processed FDA responses to inquiries from State officials and other organizations/individuals regarding drugs and pharmacy practice issues. I also coordinated and processed FDA responses to inquiries regarding State laws and legislative proposals and collected, analyzed, and tabulated data regarding the laws and regulations of each State. I exercised considerable independence and self-initiative in carrying out my duties.
- November 1981 - March 1983** Senior Scientist Advisor to the Director, National Institute for Occupational Safety and Health (NIOSH)
- January 1980 - Nov. 1981** Special Assistant to the Director, NIOSH, for Respirator Testing and Certification.
- February 1977 - Jan. 1980** Senior Review Staff, Division of Criteria Documentation and Standards Development (DCDSD), NIOSH
- December 1974 - Feb. 1977** Chief, Criteria Development Branch, DCDSD, NIOSH
- June 1974 - Dec. 1974** Acting Chief, Toxicity and Research Analysis Branch, Office of Research and Standards Development (ORSD), NIOSH
- December 1971 - June 1974** Staff, Toxicity and Research Analysis Branch, ORSD, NIOSH
- August 1968 - Dec. 1971** Attended the Graduate School of the University of Iowa, Iowa City, IA in an Outside-the-Service (PHS) training program. I received a PhD degree in 1972

- July 1986 - Aug. 1989 In Charge of the Pesticides Repository at the Perrine Primate Research Laboratory (FDA), Perrine, Florida.
- January 1964 - July 1966 Research Associate, Physiological Chemistry Branch, Directorate of Medical Research, Edgewood Arsenal (U.S. Army), Maryland.
- January 1962 - Jan. 1964 Staff Pharmacist, Product Development Service, Pharmacy Department, Clinical Center, NIH, Bethesda, MD. (LT jg, USPHS)

Education:

- 1969-1971 Graduate College of the University of Iowa (Department of Preventive Medicine and Environmental Health). Received the Doctor of Philosophy degree in January of 1972. Title of Dissertation—"A Study of the Molecular Interaction Between the Herbicide Amiben and Caffeine and Its Effect on Physiological Availability."
- 1964-1965 Graduate School, the University of Maryland (Completed a graduate level course in Pharmacology while detailed to the U.S. Army, Edgewood Arsenal Maryland).
- 1959-1961 Graduate School, the Ohio State University, Columbus, Ohio. Graduated in August of 1961 with a M.Sc. degree (Physical Pharmacy/Chemistry).
- 1955-1959 School of Pharmacy, Temple University, Philadelphia, PA. Graduated cum laude in June 1959 with a BSc degree in Pharmacy.

Publications:

- May, J.R.: The Role of FDA in the Practice of Pharmacy. J. Assoc. of Food and Drug Officials. Published in the January and April 1963 issues (in 2 parts).
- May, J.R. Anabolic Steroids: What is Being Done? J. Assoc. of Food and Drug Officials, 53 10 (1969)
- May, J.R., P. Zvirbils, and A.A. Kondrizer : Chemical, Physical and Biological Requirements for Pralidoxime Chloride. U.S. Army Edgewood Arsenal, Chemical Research and Development Labs., Technical Report, CRDLR 3286, May 1965.
- May, J.R., P. Zvirbils and A.A. Kondrizer: Technical Requirements and Identification of Pralidoxime Chloride and its Determination in Biological Material. J. Pharm. Sci., 54 1508 (1965).
- May, J.R. and A.A. Kondrizer : Effect of the Container on the Stability of Aqueous Solutions of Pralidoxime Chloride. U.S. Army Edgewood Arsenal, Chemical Research and Development Labs., Technical Report, CRDLR 3353, December 1965.
- May, J.R.: Criteria for a Recommended Standard....Occupational Exposure to Parathion. U.S. Department of Health, Education, and Welfare, Public Health Service, CDC, National Institute for Occupational Safety and Health, HEW Publication No. (NIOSH) 76-190, June 1976.

Awards:

- 1993 -- PHS Meritorious Service Medal
- 1992 -- Surgeon General's Exemplary Service Medal
- 1992 -- PHS Citation
- 1991 -- PHS Commissioned Corps Commendation Medal (4th Award)
- 1989 -- PHS Commissioned Corps Outstanding Service Medal
- 1989 -- PHS Commissioned Corps Unit Citation
- 1988 -- Certificate of Appreciation from the National Association of Boards of Pharmacy
- 1987 -- Certificate of Appreciation from the National Association of Boards of Pharmacy
- 1986 -- Distinguished Service Award from the National Association of Boards of Pharmacy
- 1986 -- PHS Commissioned Corps Commendation Medal (3rd award)
- 1981 -- PHS Commissioned Corps Commendation Medal (2nd award)
- 1977 -- PHS Commissioned Corps Commendation Medal
- 1976 -- Received Merit Promotion to Scientist Director (T) Grade in the PHS (to rank of CAPT)
- 1976 -- Group Award (DHEW) for Outstanding Performance (while assigned to NIOSH)

Biographical Information

Judy A. Stevens, M.S., M.P.H., Ph.D. is a national expert on falls and fall prevention among older adults. She received a B.S. from Goddard College (1970), an M.S. in pharmacology from Northeastern University (1982), an M.P.H. in epidemiology from Emory University (1985), and a Ph.D. in epidemiology from Emory University (1996). A senior scientist in the Division of Unintentional Injury Prevention, National Center for Injury Prevention and Control (NCIPC), at the CDC, Dr. Stevens conducts epidemiologic research on fatal and non-fatal fall-related injuries among older adults, utilizing a wide variety of biostatistical methods in the analysis of case-control and longitudinal studies. She develops and implements fall and fall-related injury research and prevention projects within NCIPC. She also provides technical assistance and scientific oversight for NCIPC funded projects conducted by state health departments that develop, implement, and evaluate senior fall prevention programs. Dr. Stevens is a frequent speaker at state, national, and international conferences, and has received recognition for prevention activities and educational materials including a science-based fall prevention home checklist now being used by over 5,000 health care professionals, public health organizations and individuals.