

CURRICULUM VITAE

ROBERT EATON BURR, MD MSc FACP, FACE

CURRENT AFFILIATIONS:

Endocrinologist, Endocrine Center of Cape Cod-Falmouth, Suite 302, 90 Ter Heun Drive, Falmouth MA 02540 (6/2017-present)

President and Medical Director, Wasatch Endocrinology and Diabetes Specialists, Salt Lake City, UT (02/2005-present)

Member, General Hospital and Personal Use Devices Panel of the Medical Devices Advisory Committee, Food and Drug Administration, Silver Spring, MD (01/2015 to present)

PREVIOUS POSITIONS

Physician Advisor, Public Health Improvement and Response, Health and Consumer Solutions Group, Battelle Memorial Institute, Columbus, Ohio. Selected Projects: Clinical Consultant, Health Care Analytics Group; Review of NAS Atsugi health risk assessment data (1985-2001) to determine if additional cohort population-based medical screening is indicated; Rewrite and update Hospital HAZMAT Operations course for FEMA/CSEPP; Rewrite and update the US Army Chemical Materials Agency Heat Strain Control Program document and teaching modules; Develop analytic cost models for Hearing Conservation and Cadmium Surveillance for Army Occupational Health program; Draft a Pandemic Influenza Management Plan for the Office of Health Affairs, Dept of Homeland Security; Immigration and Customs Enforcement Detainee Health Care Quality Study (principal investigator and author); Hospital instructor and evaluator, HAZMAT Operations and CSEPP exercises; Occupational Health Chemical and Biological Surety program reviewer. Alternate Medical Response Team Leader, US Army Dugway Proving Ground, UT. (11/2007-03/2017)

Endocrinologist, Wyoming Endocrinology and Diabetes Clinic, Casper, WY (03/2014-06/2016)

Attending Staff, Endocrinology, Salt Lake Regional Medical Center (08/2005-08/2015); LDS Hospital, Intermountain Medical Center (6/2006-7/2016), Salt Lake City, UT and Wyoming Medical Center, Casper, WY (04/2014-06/2016).

External member, Board of Directors, Biophage Pharma, Montreal, PQ, Canada (11/2001-5/2008); Chair of the Audit Committee

Senior Scientist, Medicine and Epidemiology, Emergency Medical Training and Preparedness Division, Science Application International Corporation, Abingdon, MD
Selected projects: Principal Investigator: Comprehensive Assessment of the Veteran's Administration Capability to Enhance Medical Response to WMD Events. Principal developer and author of the Nunn-Lugar-Domenici Domestic Preparedness Program: "Hospital Emergency Management-Implications of Terrorist Incidents" Course, which addresses for senior healthcare executives' institutional emergency organization, planning, management and recovery. Senior Consultant, National Guard Bureau Weapons of Mass Destruction Study 2. Senior Medical Evaluator, FEMA Chemical Stockpile Emergency Preparedness Program. Developer and author: Feasibility study and proposal for a retrospective epidemiologic study of the Chemical Agent Munition Disposal System, Deseret Chemical Depot, Utah; Medical Consultant; Occupational and Environmental Health, US Army Program Manager for Chemical Demilitarization, Aberdeen Proving Ground, Maryland. (08/1997-10/2007)

Attending Physician and Director of Endocrine Education, Division of Endocrinology, Baystate Medical Center, Springfield, MA (12/2002-4/2004)

Chief Operating Officer and Director of Business Development, Holtherics Inc. 128 Spring Street, Lexington, MA 02421. (1/2000-8/2001)

Responsibilities: Development, negotiation and implementation of business relationships and licensing; Direction of leasing, architectural design, build-out, occupancy and set-up of laboratory and office; Direction of legal, financial, drug regulatory, HR and IT professional support; Development, negotiation and supervision of contracted consultant services; Supervision of 7 employees; Development and implementation/execution of R&D agreements and strategy

Attending Physician (07/1992-12/1999) and Clinical Director (08/1998-12/99), Division of Endocrinology, Nutrition and Diabetes, Boston Medical Center, Boston, MA

Teaching attending on consultation service and private office practice of endocrinology, nutrition and diabetes. Managed the largest of the medical subspecialty sections at Boston Medical Center (BMC) with 18K visits per year. Directed and developed clinical programs and 13 medical staff despite budget cuts. Ensured regulatory compliance; initiated training program and review for billing and diagnostic coding and administered a \$1+M clinical budget. Initiated efforts to establish the division as a site for studies of diabetes, coronary heart disease, and the genetics of metabolic syndrome. Initiated enhanced revenue generation by improved billing accuracy and efficiency Expanded revenue centers to include three specialty clinics/services. Brought in new revenue by instituting and conducting innovative programs in continuing medical education.

Medical Advisor (06/1990-08/1997), Office of the Commander, US Army Research Institute of Environmental Medicine, Natick, MA.

Chief Medical Officer. Responsible for research subject safety in all Institute research programs. Reviewed and supervised all medical aspects of the human research program involving the preparation and approval over 100 human research studies on pharmacology, environmental and exercise physiology, cognitive psychology, ergonomics, epidemiology, nutrition and nutraceuticals. Performed R & D program analysis, budgeting, and recruitment. Provided professional direction and development to 15 Institute Medical Officers. Chair of Institutional Review Board. Participated in human field research studies in arctic, desert and mountain environments. Initiated and implemented cGCP and cGLP practices for Institute protocols.

Environmental Medicine Consultant to the Surgeon General of the Army (06/1991-08/1997).

Developed and recommended Army-wide policy for prevention and management of environmental illness. Developed educational materials and taught world-wide on environmental and military occupational medicine. Wrote 2 medical handbooks, 4 regional handbooks and compiled a 3 Volume textbook on environmental medicine. Developed and directed an annual international medical conference on Environmental and Operational Medicine

Private Medical Practice of Endocrinology, Clinical Nutrition, Internal Medicine and Emergency Medicine, Champaign-Urbana, IL (08/1984-06/1990). Private practice of Internal Medicine/Endocrinology/Diabetes/Clinical Nutrition in large multispecialty group where implemented successful programs for weight and risk factor reduction, intensive diabetes management and gestational diabetes. Emergency Medicine attending physician: St Mary's Hospital, Decatur, IL, Springfield Memorial Hospital, Springfield, IL and Covenant Medical Center, Urbana, IL. Physician Reviewer, Internal Medicine and Endocrinology, Central Illinois Medical Review Organization, Champaign, IL.

Principal Investigator (07/1981-08/1984), Division of Combat Casualty Care, Letterman Army Institute of Research, San Francisco, CA. Responsibilities: Develop and direct a research program on the metabolic effects of hemorrhage. Supervised research staff of 4. Accomplishments: New rat hemorrhagic shock model susceptible to parametric statistical analysis; model for lactate concentration as therapeutic guide for fluid resuscitation.

Attending Physician (07/1981-08/1984), Letterman Army Medical Center, San Francisco, CA. Teaching attending for medical residents assigned to endocrinology consultation service and outpatient clinic.

Diabetologist and Co-Principal Investigator (08/1981-08/1984), Diabetes and Early Pregnancy Program, Children's Hospital of San Francisco, CA. Diabetologist for March of Dimes sponsored clinical research project to investigate the effect of preconception and peri-conception intensive diabetes management for women with IDDM. Directly responsible for intensive diabetes management for 60 patients through the course of their pregnancy. Study completed in 1986 showed that preconception control reduced the incidence of congenital malformations.

Instructor in Science and Anthropology (09/1968-06/1969), Governor Dummer Academy, Newbury, MA

EDUCATION

Phillips Exeter Academy, Exeter NH 09/1960-06/1964

Dartmouth College, Hanover NH, 09/1964-06/1968; AB (Anthropology)

Hahnemann Medical College, Philadelphia, 09/1969-06/1973; MD 1973

University of Massachusetts-Lowell, Lowell, MA 9/1995-5/2013; MSc (Eng) (Work-Environment, Epidemiology, 2013)

Additional Advanced Study:

New England Epidemiology Institute: Decision and Cost-Effectiveness Analysis, Pharmacoeconomics, Pharmacoepidemiology, Medical Outcomes Analysis

New England Complex Systems Institute: Introduction to Complex Systems

US Army Command and General Staff College: Graduate: 1991

CLINICAL TRAINING

Internal Medicine PG-1 and 2, Mayo Clinic, Rochester, MN (7/1973-7/1975)

Assistant Physician, Laboratory of Human Behavior and Metabolism, Rockefeller University Hospital, New York City, NY (8/1975-8/1978): responsible for the clinical research service of the laboratory group.

Clinical Fellow in Medicine (Endocrinology), Massachusetts General Hospital, Boston, MA (7/1979-7/1981)

Clinical Fellow on the Children's Service, (Endocrinology), Massachusetts General Hospital, Boston, MA (7/1980-7/1981)

Fellow, Prenatal Diabetes Clinic, Joslin Diabetes Center, Boston, MA (7/1980-7/1981)

RESEARCH TRAINING

1965-66 NIH Research Assistantship, Dartmouth Medical School; NSF Research Assistantship, Radiophysics Laboratory, Thayer School of Engineering, Dartmouth College

1969-73 Assistant, Diabetic-Metabolic Laboratory, Hahnemann Medical College; NIH Student Assistantship, Dept of Surgery, Hahnemann Medical College; AMA-Goldberger Student Assistantship in Nutrition (1971 and 1972)

1975-78 Research Associate, Rockefeller University

1979-81 Research Fellow in Medicine, Harvard Medical School

PROFESSIONAL POSTGRADUATE CME PROGRAM DEVELOPMENT EXPERIENCE

Program Coordinator and Chairman: Who Do We Work For? Conflict of Interest in the Occupational Health Professions. Luncheon and Workshop, State of the Art Conference, American College of Occupational and Environmental Medicine and the American Industrial Hygiene Association, Nashville, TN. (10/2000)

Course Director, Diabetes in Office Practice, Boston University School of Medicine, Dedham, MA (3/2000)

Course Director, Clinical Update in Endocrinology and Diabetes, Boston University School of Medicine (4/1999)

Program Committee, 1996 Winter Scientific Meeting, Wilderness Medical Society

Course Director: "Current Concepts in Environmental and Operational Medicine", Natick, MA (1990-1997)

Course Director: "Clinical Nutrition in Office Practice", University of Illinois College of Medicine, Urbana, IL

TEACHING EXPERIENCE/ACADEMIC APPOINTMENTS

Instructor, Community and Family Medicine, University of Utah School of Medicine, Salt Lake City, UT.

Assistant Professor of Medicine, Tufts University School of Medicine, Boston, MA

Assistant Clinical Professor of Medicine, University of California, San Francisco (1981-84)

Assistant Clinical Professor of Medicine, University of Illinois College of Medicine and Member, Faculty of Nutrition Sciences, University of Illinois (1984-91)

Instructor, Dept of Emergency Medicine, University of Massachusetts Medical School (1991-1999)

Letterman Army Medical Center, Presidio of San Francisco, CA

Preceptor: Medical Student and Medical Resident Endocrinology Rotation

ICU Lecture Series: Endocrine Emergencies and Acute Metabolic Management

Children's Hospital of San Francisco

Preceptor: Medical Student and OB/GYN Resident Perinatology Rotation

Preceptor: UCSF Diabetes Fellows

Letterman Army Institute of Research, Presidio of San Francisco, CA

Research Preceptor: Medical Student Summer Research Rotations, Health Professions

Scholarship Program

University of Illinois College of Medicine (Urbana, IL).

Clinical Preceptor: Medical Student and Medical Resident Endocrinology Rotation (Carle Hospital and Danville VAMC)

Teaching Attending: Internal Medicine Teaching Service (Carle Hospital and Covenant Medical Center)

Pediatric Lecture Series: Diabetes Mellitus

Chairman, M-2 Endocrine Pathophysiology Curriculum (1986, 1987)

M-3 Core Nutrition Curriculum: Mechanisms and Management of Hyperlipidemia;

Faculty of Nutrition Sciences, University of Illinois (Urbana).

Course Director: Advanced Concepts in Clinical Nutrition (NS 493: Special Problems in Clinical Nutrition)

Army Medical Department

U.S. Army Flight Surgeon Course, U.S. Army School of Aviation Medicine, Ft. Rucker, AL: “ Medical Aspects of Heat, Cold and High Altitude Operations” (6 hours) and “Cognitive Performance in Harsh Environments” (2 hours).

Deployment Medicine Course, Joint Medical Readiness Training Center, Fort Sam Houston TX:
Environmental Medicine (4 hours).

Medical Management of Chemical and Biological Casualties, US Army Medical Research Institute of Chemical Defense.

Tufts University School of Medicine: M-2 Endocrine Pathophysiology

Boston University School of Medicine:
Course Director, Endocrine Pathophysiology, M-2 Biology of Disease Course

Science Applications International Corporation

Hospital Emergency Management: 8 Hour seminar

Nunn-Lugar Domestic-Preparedness Program: Hospital Provider and EMS Courses

FEMA Chemical Stockpile Emergency Preparedness Program: Stockpile and Non-Stockpile Clinical Reviews for EMS and Hospital Providers

Toxic Chemical Training for Medical Support Personnel, Aberdeen Proving Ground, MD: “Heat Stress: Implications for the Medical Management of Depot Personnel”

PROGRAM MANAGEMENT AND COMMITTEE EXPERIENCE

US Army Medical Research and Development Command

Contracting Officers Technical Representative, Surgical Metabolism

Serves as Army subject matter expert for technical review of research contract in subject area; reviewed approximately \$6MM of contract awards and proposals per annum.

Combat Casualty Care Research Program Steering Committee

Clinical member of HQ level committee performing year-long comprehensive review of \$20MM per annum Army Medical Research Program on casualty care using formal processes to determine research requirements and priorities and provide recommendations on research program reorganization.

Integrated Regulatory Compliance Program Working Group

Member of working group convened to develop and implement Command-wide program to implement FDA regulatory compliance program

Armed Forces Medical Research and Development Consolidation Working Group

Member of working group developing proposal to integrate all service’s specific medical research and development programs into a single at Dept of Defense entity

Letterman Army Institute of Research and Letterman Army Medical Center

Protocol Review Committee, LAIR

Formal scientific review of all Institute research protocols

Clinical Protocol Review Committee, LAMC

Formal scientific review of all clinical research protocols proposed by Medical Center staff

Human Use Review Committee, LAIR

IRB for the Letterman Research Institute

US Army Research Institute of Environmental Medicine

Quality Assurance Committee

Developed and recommended policy and procedures for scientific and regulatory QA; performed QA audits; investigated questions of scientific practice

Program Executive Committee

Senior command and scientific staff R&D management committee

Chair, Institutional Review Board

Consultant, Diabetes Control Project and Infant Mortality Reduction Initiative, Illinois State Department of Public Health and Diabetes Control Program, Centers for Disease Control (1986-8)

Worked with Illinois State Dept of Health to develop recommendations for preconception and prenatal diabetes care as part of initiative to reduce infant mortality statewide.

Regulatory Medical Affairs Director, E.R Squibb and Sons, New Brunswick, NJ (1987)

MILITARY EXPERIENCE

1979: Commissioned Captain, Medical Corps, US Army Reserve

1980: Promoted to Major, Medical Corps

1981-1984: Principal Investigator, Combat Casualty Care Division, Letterman Army Institute of Research, San Francisco, CA.

1984-90: Active Army Reserve Service; promotion to Lieutenant Colonel

1990-1997: Medical Advisor, Office of the Commander, and Chief Medical Officer, US Army Research Institute of Environmental Medicine, Natick, MA; 1991-97: Environmental Medicine Consultant to the Surgeon General of the Army

MILITARY COURSES AND AWARDS:

AMEDD Officer Basic Course, Academy of Health Sciences, Ft. Sam Houston, TX (1981)

Combat Casualty Care Course, Camp Bullis, TX (1982)

Expert Field Medical Badge, Ft. Ord, CA (1982)

AMEDD Officer Advanced Course, Academy of Health Sciences, Ft. Sam Houston, TX (1983)

US Army Command and General Staff College (1991)

Army Meritorious Unit Award (1991)

Army Achievement Medal (1991)

CURRENT CLINICAL CERTIFICATIONS:

National Board of Medical Examiners (1974)

American Board of Internal Medicine

Internal Medicine (1976)

Endocrinology and Metabolism (1981)

American Board of Emergency Medicine

Emergency Medicine (1989; recertified 1999, 2009)

American Board of Preventive Medicine

Occupational and Environmental Medicine (2000; recertified 2010)

INACTIVE CLINICAL CERTIFICATIONS

American Board of Nutrition: Clinical Nutrition (1980)
American Board of Physician Nutrition Specialists (2001)

PROFESSIONAL FELLOWSHIPS/MEMBERSHIPS

Fellow, American College of Physicians
Fellow, American College of Endocrinology
American Diabetes Association
American Association of Clinical Endocrinologists
Endocrine Society
Alpha Omega Alpha
Society of Medical Consultants to the Armed Forces
American College of Occupational and Environmental Medicine

HONORS AND AWARDS:

Westinghouse Science Talent Search Honors Group (1964)
Lange Medical Book Award (1969)
Department Honors in Physiology (1970), Pharmacology (1971), Internal
Medicine (1973), Pharmacology II (1973)
Undergraduate Research Society Award (1973)
Dean's Award, Hahnemann Medical College (1973)
Basic Science Award (Physiology) (1973)
Teaching and Research Scholar, American College of Physicians (1976, 1977)
Physicians Recognition Award, American Medical Association: (1982, 1985, 1989, 1992, 1995, 1999)
US News "Best Docs": Utah Endocrinologists 2013

ACTIVE MEDICAL LICENSES: Utah, Massachusetts

REFERENCES:

Directory of American Medical Specialists
Who's Who in American Science and Technology

CONFERENCES/COURSES ATTENDED:

1. Annual Meeting, Endocrine Society, San Francisco, CA (1976)
2. Intensive Care Medicine (ACP), St. Vincent's Hosp., NY (1977)
3. Annual Meeting, American College of Physicians, Dallas, TX (1978)
4. Renal Disease (ACP), New York Hospital (1978)
5. Endocrinology (Endocrine Society), Rochester MN (1979)
6. Micronutrient Interactions (NYAS Conference) (1980)
7. Decision-Making in Clinical Medicine, Harvard School of Public Health (1980)
8. Beckmann Conference: Human Nutrition (AACC), Portsmouth, NH (1980)
9. Techniques of Hormone Analysis (Endocrine Society), Boston (1981)
10. Advanced Trauma Life Support, Academy of Health Sciences, U.S. Army (1982)

11. Annual Meeting, Endocrine Society, San Francisco, CA (1982)
12. Annual Meeting, American Diabetes Association, San Francisco, CA (1982)
13. Cerebral Resuscitation, Wayne State University, Detroit, Michigan (1982)
14. First International Symposium on Combined Injury and Trauma, Uniformed Services University of the Health Sciences, Bethesda, MD (1983)
15. Annual Meeting, Shock Society, Jackson Hole, WY (1983)
16. Annual Meeting, American Diabetes Association, San Antonio, TX (1983)
17. Annual Meeting, American Diabetes Association, Anaheim CA (1986)
18. Annual Meeting, Endocrine Society, Anaheim CA (1986)
19. Annual Meeting, American Diabetes Association, Indianapolis (1987)
20. Annual Meeting, Endocrine Society, Indianapolis (1987)
21. Comprehensive Review of Emergency Medicine III (American College of Emergency Physicians), Detroit, Michigan (1988)
22. Electrocardiographic Interpretation of Complex Arrhythmias: A Physiologic Approach (American College of Cardiology), Krannert Institute of Cardiology, Indianapolis, IN (1988)
23. Specialty Review in Emergency Medicine (Cook County Graduate School of Medicine) Chicago, IL (1988)
24. Soft Tissue Surgery (AAFPRS), St. Louis, MO (1988)
25. Emergency Medicine: Written Board Review (Illinois ACEP), Chicago, IL (1988)
26. Current Concepts in Environmental Medicine (United States Army Research Institute of Environmental Medicine), Natick MA (1990)
27. Annual Meeting, Endocrine Society, Washington, D.C. (1991)
28. Preventive Medicine Officers Conference, U.S. Army, Falls Church VA (1991)
29. Critical Decisions in Hypothermia, Emanuel Medical Center, Portland, OR (1992)
30. Intensive Care Unit and the Internist, American College of Physicians, San Diego, CA (1992)
31. Annual Meeting, American College of Physicians, San Diego, CA (1992)
32. Annual Meeting, American Association of Clinical Endocrinologists, Orlando, FL (1992)
33. Preventive Medicine Officers Conference, U.S. Army, Falls Church VA (1992)
34. 11th Annual Trauma Symposium, William Beaumont Army Medical Center, El Paso, TX (1992)
35. Deployment Medicine Instructor's Course, St. Louis, MO (1993)
36. Preventive Medicine Officers Conference, U.S. Army, Falls Church VA (1993)
37. 121st General Hospital Medical Conference, Kansas City, MO (1993)
38. Wilderness Medical Society, Annual Scientific Meeting, Olympic Valley, CA (1994)
39. Clinical Management of the Patient with Osteoporosis, Tufts University School of Medicine, Boston MA (1994)
40. Introduction to Molecular and Cellular Research, Endocrine Society, Orlando, FL (1995)
41. USC Course in Critical Care and Emergency Medicine, University of Southern California, Las Vegas, NV (1995)
42. Annual Meeting, American Association of Clinical Endocrinologists, Chicago (1995)
43. Harvard Symposium on Complex Disasters, Harvard School of Public Health, Boston (1995)
44. Second International Conference on Wilderness Medicine, Aspen, CO (1995)
45. American College of Occupational and Environmental Medicine Basic Curriculum, Segment 2, Seattle WA (1995)
46. ACOEM Postgraduate Seminars: The Health Effects of Contaminated Soil and Water, Understanding Industrial Processes, Evaluating the Indoor Environment, Industrial Processes Field Exercise: The Medical "Walk-Thru, Seattle, WA (1995)"
47. ACOEM State of the Art Conference, Seattle, WA (1995)
48. Annual Meeting, New England College of Occupational and Environmental Medicine, Boston, MA (1995)
49. Winter Meeting, Wilderness Medical Society, Big Sky, MT (1996)
50. Asia-Pacific Military Medicine Conference, Sydney Australia (1996)
51. Symposium on Military Operations in Desert Environments, Hermosillo, Sonora, Mexico (1996)
52. 1996 Annual 18th MEDCOM Health Education Conference, Seoul, Korea (1996)
53. Mid-America Toxicology Course, U. Kansas Medical Center, Kansas City, MO (1997)

54. Annual Meeting, New England College of Occupational and Environmental Medicine, Boston, MA (1997)
55. 2nd International Course on Health in Cold Environments, Nordic Institute for Advanced Training in Occupational Health and Oulu Regional Institute for Occupational Health, Kuusamo and Oulu, Finland (1998)
56. Annual Meeting, American College of Epidemiology, San Francisco, CA (1998)
57. Chemical Stockpile Emergency Preparedness Program Annual Meeting, Federal Emergency Management Agency, Salt Lake City (1999)
58. Society of Epidemiologic Research Annual Meeting, Baltimore (1999)
59. American Diabetes Association Annual Meeting, San Diego (1999)
60. Annual Toxicology Review, American Industrial Hygiene Association, Williamsburg (1999)
61. Occupational Medicine Board Review Course, American College of Preventive Medicine, Alexandria, VA (1999)
62. Emergency Medicine Recertification Examination Review Course, American Academy of Emergency Medicine, Chicago (1999)
63. Chemical Stockpile Emergency Preparedness Program Medical Conference, San Antonio (1999)
64. Introduction to Probabilistic Risk Analysis, George Washington University School of Public Health, Washington, DC (2000)
65. Biotechnology Industry Association Annual Meeting, San Diego, CA (2001)
66. Thyroid Ultrasound Accreditation Course, American Association of Clinical Endocrinologists, Washington DC (2002)
67. Endocrinology Practice Management. American Association of Clinical Endocrinologists, Washington, DC. (3/2004)
68. A Review of Endocrinology: Diagnosis and Treatment. Foundation for Advanced Education in the Sciences. Bethesda, MD. (10/2004)
69. American Association of Clinical Endocrinologists, Annual Meeting. Washington, DC. (5/2005)
70. 3rd International Congress on the Insulin Resistance Syndrome. San Francisco. (11/2005)
71. American Diabetes Association Annual Advanced Postgraduate Course. San Francisco, CA (2/2006)
72. American Association of Clinical Endocrinologists, Annual Scientific Meeting, Chicago, IL. (4/2006)
73. Santa Fe Bone Symposium, International Society of Clinical Densitometry, Santa Fe, NM. (7/2006)
74. Occupational Medicine Board Review Course. ACOEM, Cincinnati, OH. (11/2009)
75. Clinical Endocrinology Update, Endocrine Society, New Orleans, LA (10/2013)

PUBLICATIONS:

Textbooks

Editor, "Medical Aspects of Harsh Environments"; Textbook of Military Medicine, Office of the Surgeon General, U.S. Army. Volume 1, 2001. Volume 2, 2002. Volume 3 in preparation.

Burr, RE and Kim, DH. Hospital Emergency Management-Implications of Terrorist Incidents. Science Applications International Corporation, Joppa, MD, 2001.

Articles and reviews

1. Carpentier, Y.A., Burr, R.E., et al. The effect of operative injury on the rate of fat mobilization. Surg Forum 24:90-92, 1978.
2. Carpentier, Y., Askanazi, J., Elwyn, D.C Jeevanandam, M., Gump, F.E., Hyman, A.I., Burr, R.E., and Kinney, J.M. Effects of hypercaloric glucose infusion on lipid metabolism in injury and sepsis. J Trauma 19:649-54. (Presented at the 38th Session of the American Association for the Surgery of Trauma, 1978)

3. Burr, R.E. Continuous subcutaneous insulin infusion therapy associated with pregnancy. Diabetes Educator, July 1983.
4. Hill, W.C., Katz, M., Kitzmiller, J.L., and Burr, R.E. Tocolysis for the insulin dependent diabetic woman. Am J Ob-Gyn, October 1984, 148(8):1148-50.
5. Carpentier, Y.A., Jeevanandam, M., Robin, A., Nordenstrom, J., Burr, R.E., et al. Measurement of glycerol turnover by infusion of non-isotopic glycerol in normal and injured subjects. Amer. J. Physiol 1984, 247 (3 Part): E404-11
6. Brown, D.F., Burr, R.E. Customized catheters for rodents. Lab Animal Science. 1985; 515-516
7. Brown, D.F., Burr, R.E. Naloxone fails to reverse hemorrhagic hypotension. Amer. J. Phys. 1986:251:H468-70
8. Burr, R.E.; Knight, B.E. Prevention of Coronary Artery Disease. Carle Selected Papers 1986;38:19
9. Butte, N.F., Garza, C., Burr, R.E., et al. Milk Composition in Insulin Dependent Diabetic Women. J. of Pediatric Gastroenterology and Nutrition 1987;6:936-41
10. Burr, R.E. Review of "Endocrinology of Thermal Trauma" in The Endocrinologist. 1991; 1:281-2
11. Burr, R.E. Editorial: Trench Foot. Journal of Wilderness Medicine 1993; 4:348-52
12. Burr, R.E. Review of "Two Decades of Experience in Growth" in The Endocrinologist. 1994; 4:488
13. Burr, R.E. Review of "Alcohol and Hormones" in The Endocrinologist 1995; 5(5): 384-5
14. Burr, RE. Biological Incidents, a perspective for hospitals. Maryland Medicine. Autumn, 2001.

Book Chapters

1. Burr, R.E. "Neuroendocrinology: Disorders of the Hypothalamus and Pituitary Gland." In Noble, John (editor): Textbook of Primary Care Medicine. St. Louis, 1996, Mosby-Year Book.
- Burr, R.E. "Endocrine Syndromes." In Noble, J (editor): Textbook of Primary Care Medicine. St. Louis, 1996, Mosby-Year Book.
3. Burr, R.E. "Environmental Medicine; Heat, Cold and High Altitude" in "Military Preventive Medicine" in the Textbook of Military Medicine Series, Office of the Surgeon General, U.S. Army, 2003..

Technical Reports and Studies

1. Glenn, J.F., Burr, R.E., et al. Sustaining Health and Performance in the Desert: Environmental Medicine Guidance for Operations in Southwest Asia. USARIEM Technical Note 91-1, December 1990.
2. Glenn, J.F., Burr, R.E., et al. Sustaining Health and Performance in the Desert: A Pocket Guide to Environmental Medicine for Operations in Southwest Asia. USARIEM Technical Note 91-2, December 1990.
3. Burr, R.E. Heat Illness: A Handbook for Medical Officers. USARIEM Technical Note 91-3, June 1991.

4. Modrow, H. E., Burr R.E., et al. Sustaining Health and Performance in Somalia: Guidance for Small Unit Leaders. USARIEM Technical Note 93-1, December 1992.
5. Burr, R.E. Medical Aspects of Cold Weather Operations. USARIEM Technical Note 93-2, April 1993.
6. Burr R.E., et al. Sustaining Health and Performance in Haiti: Guidance for Small Unit Leaders. USARIEM Technical Note 94-4, September 1994.
7. Burr, R.E. Feasibility study and proposal for a retrospective epidemiologic study of the Chemical Agent Munition Disposal System, Deseret Chemical Depot, Utah. Science Applications International Corporation for the Program Manager for Chemical Demilitarization, Joppa, MD 2000.
8. Burr R.E. and Fanzone J.F. Comprehensive Assessment of the Veteran's Administration Capability to Enhance Medical Response to WMD Events. Science Applications International Corporation for the Veterans health Administration, US Department of Veterans Affairs, Joppa, MD 2002.

Abstracts

1. Burr, R.E., Hannon, J.P., and Wade, C.: ACTH, cortisol, renin and aldosterone response to nonlethal hemorrhage in pigs: the effect of splenectomy. Circ Shock 10:237-38, 1983 (21A). (Presented at the Sixth Annual Conference on Shock, 1983).
2. Brown, D.F., Burr, R.E.: Rat blood pressure during hemorrhage is not related to blood volume removed. (Presented at the 7th Annual Meeting of the Shock Society, Jackson, Wyoming, June 1984) Circ Shock, 1984, 13:63-64.
3. Brown, D.F., Burr, R.E., Viles, J.M.: CNS regulation of feeding behavior: a potential environmental adaptation. AAAS -Pacific Division Annual Meeting, San Francisco, CA June 1984.
4. Brown, D.F., Burr, R.E.: Naloxone fails to raise blood pressure in hemorrhaged rats. (Presented at the Fall Meeting of the American Physiological Society, Lexington, KY, August 1984) Physiologist 1984, 27:284.
5. Burr, R.E., Brown, D.F., Velez, S.R.: A new hemorrhagic shock model for rats. (Presented on April, 1985, FASEB Meeting, Anaheim, CA) Federation Proceedings, 1985; 44:1573.
6. Burr, R.E., Brown, D.F., Velez, S.R.: The Td model for studying hemorrhage in rats: effect of surgery or starvation on tolerance to blood loss. (Presented at 8th Annual Meeting of the Shock Society, Baltimore, MD, June, 1985) Circ Shock 1985 16:37.
7. Burr, R.E., et al.: The effect of zinc deficiency on glucose and lactate during hemorrhage. (9th Annual Meeting of the Shock Society, Scottsdale, AZ, June 1986) Circ Shock 1986;18:340

EDITORIAL ACTIVITIES

Editor, "Clinical Nutrition in Office Practice – 1986;" Conference Proceedings in Carle Selected Papers 1986:38(1):1-22.

Reviewer, "Diabetes Case and Comment", Patient Care Publications

Reviewer, Environmental and Endocrine Physiology and Medicine for Aviation, Space and Environmental Medicine

PRESENTATIONS

1. Obesity - Current Concepts. Medical Grand Rounds, Brooklyn Hospital, Brooklyn, NY. (1977)
2. Obesity - Current Concepts. Grand Rounds, White Plains Hospital, White Plains, NY. (1978)
3. Nutritional Considerations in Growth and Development, Course in Pediatric Endocrinology, Massachusetts General Hospital, Boston, MA. (1980)
4. Management of Diabetes in Pregnancy. Internal Medicine Staff Conference, Brooke Army Medical Center, San Antonio, TX. (1981)
5. Obesity - New Concepts. Medical Grand Rounds, Letterman Army Medical Center, San Francisco, CA. (1981)
6. Metabolic Response to Injury. Scientific Staff Conference, Letterman Army Institute of Research, San Francisco, CA. (1982)
7. Male Hypogonadism. Endocrine Conference, Childrens Hospital Medical Center, San Francisco, CA. (1982)
8. Medical Management of the Pregnant Diabetic. Endocrine Conference, UCSF Hospitals, San Francisco, CA. (1982)
9. Management of the Pregnant Diabetic. Endocrine Conference, Fitzsimons Army Medical Center, Denver, CO. (1983)
10. Management of the Pregnant Diabetic. Endocrine Conference, Walter Reed Army Medical Center, Washington, D.C. (1983)
11. Discussant. Animal Models for Nutritional Research, 5th Annual Ross Conference in Medical Research, Inverness, FL. (1984)
12. Management of the Diabetic. Medical Staff Conference, Silas B. Hayes Army Hospital, Fort Ord, CA. (1984)
13. Management of the Pregnant Diabetic. Medical Staff Conference, Carle Foundation Hospital, Urbana, IL. (1984)
14. Management of Non-Insulin Dependent Diabetes. Medical Staff Conference, Carle Foundation Hospital, Urbana, IL. (1984)
15. Hyperlipidemia. Medical Staff Conference, Chanute Air Force Base Hospital, Rantoul, IL. (1985)
16. Management of Diabetes. Combined Medical Staff Conference, St. Elizabeth Hospital, Lakeview Medical Center, Danville, IL. (1985)
17. Oral Hypoglycemics. Medical Grand Rounds, Danville Veterans Administration Medical Center, Danville, IL. (1985)
18. Pathophysiology of vitamin B12. Nutritional Sciences Seminar, Faculty of Nutritional Sciences, University of Illinois, Urbana, IL. (1985)
19. Adrenal Potpourri. Medical Grand Rounds, Danville V.A. Medical Center, Danville, IL. (1985)
20. Osteoporosis. Family Practice Review Course, Carle Foundation Hospital, Urbana, IL. (1985)

21. Osteoporosis. Foundation Day Clinical Reviews, Carle Foundation Hospital, Urbana, IL. (1985)
22. Management of Diabetes in Pregnancy. Perinatal Medicine Review Course, Carle Foundation Hospital, Urbana, IL. (1985)
23. Participant. Patient Care, Clinical Nutrition Roundtable, Boston, MA. (1985)
24. Prevention of Coronary Artery Disease, Clinical Nutrition in Office Practice Review Course, Carle Foundation Hospital, Urbana, IL. (1986)
25. Discussant, Cushing Syndrome, Michael Russo Memorial Clinicopathologic Conference, Mercy Hospital, Urbana, IL. (1986)
26. Insulin Pump Therapy for Diabetes during Pregnancy: A Model for the Intensive Management of Insulin Dependent Diabetes. Professional Seminar, Annual Meeting, Downstate Illinois Affiliate, American Diabetes Association, Urbana, IL. (1986)
27. Prevention of Complications in the Diabetic Pregnancy: Implications for the Management of Insulin Dependent Diabetes in Women. Endocrinology Conference, Oregon Health Sciences University, Portland, Oregon. (1986)
28. Genetic and Nutritional Factors in Hyperlipidemia, Core Clinical Lecture Series, University of Illinois College of Medicine, Champaign-Urbana. (1986)
29. Anemia due to Micronutrient Deficiency, Metabolism/Nutrition Conference, Covenant Medical Center, Urbana, IL. (1988)
30. Thiamine in Medical Practice, Metabolism/Nutrition Conference, Covenant Medical Center, Urbana, IL. (1988)
31. Recognition of the Patient with Myocardial Infarction, Illinois Providers Trust/Illinois Hospital Association, Springfield, IL. (1989)
32. Osteoporosis, Clinical Staff Conference, Bassett Army Community Hospital, Fort Wainwright, Fairbanks, Alaska. (1991)
33. Management of Diabetes Mellitus, Clinical Staff Conference, Cutler Army Community Hospital, Fort Devens, MA. (1991)
34. Medical Research and Desert Operations, Shogun Medical Conference, Tokyo, Japan. (1991)
35. Management of Work in Hot Environments, Shogun Medical Conference, Tokyo, Japan. (1991)
36. Heat Stress: Implications for the Medical Management of Toxic Munitions Handlers, Toxic Chemical Training Course for Medical Support Personnel, Savanna Army Depot, Savanna, IL. (1991)
37. Mechanisms and Management of Hyperlipidemias, Clinical Staff Conference, Cutler Army Community Hospital, Fort Devens, MA. (1991)
38. Evaluation of Thyroid Function, Clinical Staff Conference, Cutler Army Community Hospital, Fort Devens, MA. (1992)

39. 39 Pathogenesis, Management and Prevention of Cold Injury, Flight Surgeon Course, U.S. Army School of Aviation Medicine, Fort Rucker, AL. (1992)
40. Hypothermia: A Clinical Review, Current Concepts in Environmental Medicine, U.S. Army Research Institute of Environmental Medicine, Natick, MA. (1992)
41. High Terrestrial Altitude: A Review for Medical Officers, Flight Surgeon Course, U.S. Army School of Aviation Medicine, Fort Rucker, AL. (1992)
42. Workshop on Heat Stress in Protective Uniforms, Annual U.S. Army Preventive Medicine Officer's Conference, Alexandria, VA. (1992)
43. Medical Aspects of Cold and High Terrestrial Environments. Global Medicine Course, USAF School of Aerospace Medicine, Brooks Air Force Base, San Antonio, TX. (1993)
44. Heat Stress: Implications for Military Emergency Medicine. Tri-Service Emergency Medicine Symposium, Brooke Army Medical Center, San Antonio, TX. (1993)
45. Medical Aspects of Deployment to Harsh Environments, 121st General Hospital Medical Conference, Kansas City, MO. (1993) and Current Concepts in Environmental Medicine Conference, U.S. Army Research Institute of Environmental Medicine, Natick, MA. (1993,'94,'95, '96,'97,'98)
46. Human Factors in Military Operations, Uniformed Services University of the Health Sciences, Bethesda MD. (1993, '94, '96, '97, '98, 99, 2000)
47. Implementation of a Heat Strain Management Program at JACADS, Annual Preventive Medicine Officers Symposium, Bethesda, MD. (1993)
48. Recent Advances in Environmental Medicine. Emergency Medicine Grand Rounds, Brooke Army Medical Center, San Antonio, TX. (1993)
49. Medical Operations in Hot Environments, Deployment Medicine Instructor's Course, St. Louis, MO. (1993)
50. Operational Environmental Medicine, Brigade Surgeon's Course, AMEDD Center and School, San Antonio, TX (1995)
51. Peripheral Cold Injuries, Current Concepts in Environmental and Operational Medicine Conference, U.S. Army Research Institute of Environmental Medicine, Natick, MA. (1995)
52. Heat Stress in the Industrial Setting, Society of Health Physicists Annual Meeting, Boston, MA (1995)
53. Cold Injuries: An Update; Annual Preventive Medicine Officer's Symposium, Charlotte, NC (1995)
54. Winter Recreation: An Approach to Hazard Analysis; Winter Meeting, Wilderness Medical Society, Big Sky, MT (1996)
55. Medical Aspects of Deployment to Harsh Environments; Asia-Pacific Military Medicine Conference, Sydney, Australia (1996)
56. Gender and Military Performance. Asia-Pacific Military Medicine Conference, Sydney, Australia(1996)

57. Introduction to Physical Hazards: Heat and Cold; American Occupational Health Conference, San Antonio, TX (1996)
58. Medical Aspects of Deployment to Harsh Environments; Symposium on Military Operations in Desert Environments, Hermosillo, Sonora, Mexico (1996)
59. Military Cold Injuries; Symposium on Military Operations in Desert Environments, Hermosillo, Sonora, Mexico (1996)
60. Emergency Medicine in Military Operations; Symposium on Military Operations in Desert Environments, Hermosillo, Sonora, Mexico (1996)
61. Cold Injuries Workshop, 1996 Annual 18th MEDCOM Health Education Conference, Seoul, Korea (1996)
62. Heat Illness Workshop, 1996 Annual 18th MEDCOM Health Education Conference, Seoul, Korea (1996)
63. Medical Aspects of Deployment to Harsh Environments, 1996 Annual 18th MEDCOM Health Education Conference, Seoul, Korea (1996)
64. Accidental Hypothermia: Prevention and Management. Current Concepts in Environmental and Operational Medicine. Framingham, MA (1997)
65. Medical Management of Chemical and Biological Casualties; and Field Exercise. USMC Camp Hansen-Okinawa, Yokota Air Force Base-Tokyo; US Army 121st General Hospital-Seoul, Korea (1997)
66. Environmental Influences in Diabetes Mellitus. Endocrinology Grand Rounds. Boston Medical Center, Boston. (1998)
67. Diabetes in the Workplace (Scientific Session 126). 1998 American Occupational Health Conference. Boston (1998)
68. Occupational Issues in Harsh Environments (Scientific Session 128). 1998 American Occupational Health Conference. Boston (1998)
69. Diagnosis and Management of Mustard, Phosgene and Nerve Agent Poisoning, and Tabletop Exercise, CSEPP Conference, Pueblo, CO (1998)
70. Diagnosis and Management of Mustard, Phosgene and Chloropicrin Poisoning, CSEPP Conference, Memphis, TN (1998)
71. Diagnosis and Management of Nerve Agent Poisoning, CSEPP Conference, Little Rock and Pine Bluff, Arkansas (1998)
72. Diabetes: Goals, Not Rules. Massachusetts Association of Nurse Practitioners, Newton, MA (1998)
73. Medical Aspects of Deployment to Harsh Environments and Clinical Review of Hot and Cold Environments. Partnership Seminar for Estonian Defense Force Medical Officers. Maryland Army National Guard, Baltimore, MD (1998)
74. Endocrine Diagnostic Testing. New Perspectives in the Management of Female Sexual Dysfunction. Boston University School of Medicine, Burlington, MA (1998)
75. Diabetes: New Opportunities. Clinical Staff Conference, Neighborhood Health Plan, Boston. (1999)

76. Diabetes, Advances in Therapy. Medical Grand Rounds, Veterans Administration Medical Center, Bedford, MA (10/1999)
77. Diabetes, Advances in Pharmacologic Therapy, Annual Conference, Diabetes Control Program, Maine Department of Health, Rockland, ME (11/1999)
78. Clinical Implications of Chemical and Biological Agents, Grand Rounds, Dept of Surgery, University of Utah, Salt Lake City, UT (1/2000)
79. Impact of Information Technology in Emergency Disaster Response, Symposium: International Cooperation in Medical Disaster Relief-Impact of Telecommunications and Information Technology, Tokyo, Japan (2/2000)
80. Course Director, Diabetes in Office Practice, Boston University School of Medicine, Dedham, MA (3/2000)
81. Who Do We Work For? Conflict of Interest in the Occupational Health Professions. Luncheon and Workshop, State of the Art Conference. American College of Occupational and Environmental Medicine and the American Industrial Hygiene Association, Nashville, TN. (10/2000)
82. Medical-Endocrine Obesity. Update: Women's Health. Dept of Obstetrics and Gynecology, Baystate Medical Center/Tufts University. Springfield, MA (10/2003)
83. Obesity: A Practitioner's Perspective. Update: Gynecology and Reproductive Endocrinology. Dept of Obstetrics and Gynecology, Baystate Medical Center/Tufts University. Springfield, MA (11/2003).
84. The Toxicology of High Priority Substances. Toxics Use Reduction Planner Continuing Education Conference. Massachusetts Toxics Use Reduction Institute. Marlborough, MA (11/2003).
85. Chemical Incidents: A 2004 Perspective. Medical Grand Rounds, Baystate Medical Center, Springfield, MA (3/2004)
86. The Toxicology of High Priority and More Hazardous Substances. Toxics Use Reduction Planner Continuing Education Conference. Massachusetts Toxics Use Reduction Institute. Sturbridge, MA. (4/2005)
87. Medical Monitoring and Medical Surveillance for Patients with Diabetes, a Preventive Medicine Context. Association of Diabetes Educators of Utah Annual Conference, Salt Lake City, UT (11/2005)
88. Type 1 Diabetes 2006. University of Utah Family Medicine Grand Rounds, (1/2006)
89. Diabetes Update 2007. Medical Staff Conference, Salt Lake Regional Medical Center. (1/2007)
90. Diabetes in the Workplace. Clinical VTC Program, DoD Occupational Health Clinics. (8/2007)
91. Things to Keep in Mind: Diabetes Co-Morbidities. Home Health Conference, Salt Lake City, Utah. (8/2007)
92. Diabetes Care: Targets 2007. Association of Diabetes Educators of Utah Annual Conference, Salt lake City, UT (11/2007)
93. Medical Evaluation for PPE Use. Clinical VTC Program. DoD Occupational Health Clinics. (12/2007)
94. Assessment of Immunocompetence. Clinical VTC Program. DoD Occupational Health Clinics. (1/2008)

95. Diagnosis and Management of Common Thyroid Disorders. University of Utah Family Practice Clinical Conference. (1/2008)
96. Obesity in the Work-Environment. Clinical VTC Program. DoD Occupational Health Clinics. (4/2008)
97. Instructor, CSEPP National Medical Curriculum Train-the-Trainer Course. Richmond, KY. (1/2009)
98. Diabetes in the Workplace: Update 2009. Clinical VTC Program. DoD Occupational Health Clinics. (2/2009)
99. Approach to Thyroid Disease. University of Utah Community Medicine Residency Conference. (5/2009)
100. Introduction to Hazardous materials Events at the Hospital. CSEPP Medical Training Program. (9/2009)
101. Hospitals that Receive HAZMAT-Contaminated Patients: Responsibilities and Requirements. CSEPP Medical Training Program. (9/2009)
102. Incidents with HAZMAT-Contaminated Patients: Decontamination. CSEPP Medical Training. (9/2009)
103. Incidents with HAZMAT-Contaminated Patients: Safety. CSEPP Medical Training. (9/2009)
104. Current Guideline for the Management of Asymptomatic Hyperparathyroidism. Annual meeting, Rocky Mountain Chapter, American Association of Clinical Endocrinologists. (10/2009)
105. Type 2 Diabetes and Adiposity. Annual Meeting, Association of Diabetes Educators of Utah. (11/2009)
106. Diabetes/Thyroid Disease/Obesity and PRP Reliability Clinical VTC Program. DoD Occupational Health Clinics. (2/2010)