

**CURRICULUM VITAE  
JAMES T. NIEMANN, MD, FACEP**

**BUSINESS ADDRESS:** Harbor-UCLA Medical Center  
Department of Emergency Medicine, Box #21  
1000 W. Carson Street  
Torrance, CA 90509

**WORK PHONE:** (310) 222-3500

**FAX:** (310) 782-1763

**EDUCATION:**

UNDERGRADUATE

Major: Biochemistry	University of California Davis, California (UCD)	1967-1971
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GRADUATE

Major: Medicine	School of Medicine University of California Los Angeles, California (UCLA)	1971-1973
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Major: Pathologic Anatomy	Department of Anatomy University of California Los Angeles, California (UCLA)	1973-1974
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Major: Medicine	School of Medicine University of California Los Angeles, California (UCLA)	1974-1976
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POSTGRADUATE

Straight Medicine Internship	Harbor-UCLA Medical Center Torrance, California	1976-1977
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Junior Medical Residency	Harbor-UCLA Medical Center Torrance, California	1977-1978
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Senior Medical Residency	Harbor-UCLA Medical Center	1978-1979
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<b>LICENSURE</b>	State of California Drug Enforcement Agency	1978- 1978-
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<b>BOARD CERTIFICATION</b>	Diplomate, American Board of Internal Medicine (ABIM)	1979
	Diplomate, American Board of Emergency Medicine (ABEM)	1986
	Recertified, ABEM	2015

**OTHER CERTIFICATION**

American Heart Association Advanced Cardiac Life Support Instructor, Provider	1979-present
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American College of Surgeons Advanced Trauma Life Support	1985-present
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American Heart Association Pediatric Advance Life Support	1990-present
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**PROFESSIONAL EXPERIENCE**

Present Position:

Professor of Medicine-in-Residence UCLA School of Medicine	1992-
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Previous Positions:

Associate Professor of Medicine-in-Residence UCLA School of Medicine	1986-1992
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Assistant Professor of Medicine-in-Residence UCLA School of Medicine	1981-1986
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Adjunct Assistant Professor of Medicine UCLA School of Medicine	1979-1981
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Research Associate, Neuromuscular Research Group Laboratory of Dr. James Peters, MD, PhD UCLA School of Medicine	1973-1974
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Teaching Assistant, Department of Pathology UCLA School of Medicine	1973-1974
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Research Assistant, Neurophysiology Laboratory UCLA School of Medicine, Neuropsychiatric Institute (NPI)	1972
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**DEPARTMENTAL APPOINTMENTS**

Director, Adult Acute Care, Dept. of Emergency Medicine Harbor-UCLA Medical Center	1979-1981
Associate Chairman, Department of Emergency Medicine Harbor-UCLA Medical Center	1981-1988
Coordinator, Emergency Medicine Clinical Faculty Harbor-UCLA Medical Center	1982-1988
Director, Adult Ambulatory Care Harbor-UCLA Medical Center	1982-1985
Director, Emergency Medicine Research Harbor-UCLA Medical Center	1983-1994
Acting Chair, Department of Emergency Medicine Harbor-UCLA Medical Center	9/86-1/88
Director, Risk Management, Department of Emergency Medicine Harbor-UCLA Medical Center	1998-2004
Emergency Medicine Liaison to Department of Medicine	2013-
Observation Unit Design and Implementation Committee	2013-

**PROFESSIONAL ACTIVITIES**

**COMMITTEE SERVICE**

**Hospital Committee Service**

Critical Care Committee (housestaff representative)	1977-1979
Medical Intern and Resident Education Committee (housestaff representative)	1978-1979
Critical Care Committee (Faculty representative for the Department of Emergency Medicine)	1979-1985 1989-1991
Medical Intern and Resident Education Committee (Faculty Representative)	1979-1984
CPR Committee	1979-2002

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Chair, CPR Committee	1983-1996 1996-2002
Co-Director, Resuscitative Services	2000-2002
Patient Care Fund Committee	1977-1986
Utilization Review Committee	1979-1982
Medicolegal Subcommittee	1984-1986 1994-2001
Information System Planning Committee	1983-1986
Ambulatory Care Improvement Program Planning Committee	1983-1986
Chest Pain Unit Task Force	1996-2000
Well Being of Physicians Committee	2004-
STEMI Receiving Center QI Committee	2008-
Stroke Center Committee	2015-

**LA Biomedical Research Institute at Harbor-UCLA  
Committee Service**

Research Committee	1982-
Human Subjects Committee, Research and Education Institute	1985-1990 1994-
2001	
Vice-Chair, Human Subjects Committee	1986-1990 1998-2001
Institutional Animal Care and Use Committee	1990-1992 2002-2015
Chair, Institutional Animal Care and Use Committee	2006-2008
Vice-Chair, Institutional Animal Care Use Committee	2009-2015
Fund Development Committee, Research	1994-1996
Faculty Group Practice Task Force	1996-1999
Vice-Chair, Faculty Group Practice Development Committee	1997-1999
Faculty Focus Group, CEO Search Committee	2001

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Member, LABiomed Grant Development Forum 2011-  
Member, LABiomed Master Plan Implementation Committee 2011-2014

**UCLA School of Medicine Committee Service**

UCLA Medical School Admissions Committee (student member) 1973-1976  
UCLA Medical School Admissions Committee - Faculty Member 1984-1985  
UCLA School of Medicine Senior Thesis Committee 2004-2010  
Member, Legislative Assembly of the Academic Senate  
UCLA Department of Medicine representative 2010-2013

**Los Angeles County Emergency Medical Services Agency**

Resuscitation/Hypothermia Task Force 2009-  
Cath Lab Activation Task Force 2014-  
Computer Interpretation of Field ECG Task Force 2014-

**National Committee Service**

**Society of Teachers of Emergency Medicine**

Member, Board of Directors 1981-1982  
Chairman, Public Education Committee 1981-1982

**American College of Emergency Physicians**

Member, Research Committee 1982-1983  
Chairman, Research Committee 1983-1986  
Director, Research Liaison Program 1983-1986  
Liaison to AHA Emergency Cardiac Care Committee 1984-1987  
Member, Academic Affairs Committee 1986-1988  
Member, Awards Committee 1986-1991

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Member, Blue Ribbon Commission on the Future of Emergency Medicine	1987
Member, Image of Emergency Medicine Task Force	1988
Member, Search Committee for Editor, <u>Annals of Emergency Medicine</u>	1988
Consultant, Clinical Policies Committee	1992-1998
Member, Research Committee	1994-1995

**University Association for Emergency Medicine (UAEM)**

Member, Education Committee	1984-1987
Member, Constitution and Bylaws Committee	1985-1988
Chairman, Constitution and Bylaws Committee	1987-1988
Chairman, Nominating Committee	1987-1988
Member, Executive Council	1986-1988
Vice-President	1987-1988

**Society for Academic Emergency Medicine (formerly UAEM)**

President	1988-1989
Past President	1989-1990
Chair, Program Committee	1990-1993
Program Committee, Subcommittee for Abstract Review	1994-2004
Academic Development Task Force	1996-1998
Chair, Academic Development Task Force	1997-1998
Underrepresented Member Research/Mentoring Task Force	2001-2005
Institute of Medicine SAEM Task Force on Research	2006

**American Board of Emergency Medicine**

Member, Test Development Committee	1981-1982
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Oral Examiner 1990-2001

Senior Examiner 2001-2010

**Emergency Medicine Foundation**

Member, Board of Directors 1986-

**American Heart Association**

American College of Emergency Physicians Liaison  
to the AHA Emergency Cardiac Care Committee 1984-1987

Consultant, 1985 Conference on CPR and Emergency  
Cardiac Care 1985

Member, Quality of Care Committee, Greater Los Angeles  
Affiliate of the American Heart Association 1985-1986

Sponsor or Co-sponsor of summer student in Greater  
Los Angeles Affiliate Summer Student Research Program 1984-1992

Member, Basic Life Support Subcommittee of the Emergency  
Cardiac Care Committee, National AHA 1991-1994

Member, AHA Emergency Medical Services Project Development  
Committee, Greater Los Angeles Affiliate 1991-1992

Task Force Leader, Alpha-Adrenergic Agonists, AHA Fact Finding  
Conference 1991

Panel Member, Alpha-Adrenergic Agonists, 1992 AHA Conference  
on CPR and Emergency Cardiac Care 1992

Consultant and Contributor, Heartsaver Guide 1994

Member, AHA Council on Cardiopulmonary, Critical Care,  
Perioperative, and Resuscitation Council 1993-

AHA Scientific Meetings Program Committee Abstract Reviewer 2007-

AHA Scientific Meetings Program Committee, Member 2009-2011

Member, Peer Review Panel, Cardiac Arrest/Resuscitation 2015-

**COMMUNITY SERVICE**

Department of Emergency Medicine Coordinator of  
Paramedic Clinical Rounds 1979-1988

Chairman, Public Education Committee of the Society of Teachers of Emergency Medicine 1981-1982

**PROFESSIONAL AND SCHOLARLY ASSOCIATIONS**

Society of Teachers of Emergency Medicine (STEM) 1980-1989

University Association for Emergency Medicine (UAEM) 1980-1989

American College of Emergency Physicians 1982-

American Federation for Clinical Research 1982-2000

American Association for the Advancement of Sciences 1982-1998

New York Academy of Sciences 1983-1996

World Association for Emergency and Disaster Medicine (Club of Mainz) 1985-1986

American Association of University Professors 1985-

American Physiological Society 1986-

Association of American Medical Colleges (AAMC) 1986-1990

Society for Academic Emergency Medicine(SAEM) 1989-

American Heart Association Council on Cardiopulmonary and Critical Care 1993-

**EDITORIAL SERVICES**

**Editorial Board**

Associate Editor, Emergency Medicine Survey 1981-1985

Editorial Board, Annals of Emergency Medicine 1982-2002

Section Co-Editor, Scientific Meetings, Annals of Emergency Medicine 1989-1992

Editorial Board, Case Studies in Emergency Medicine 1984-1987

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Editorial Board, <u>Emergency Medicine Observer</u>	1986-1987
Editorial Board, <u>Critical Care Medicine</u>	1987-1990
Contributing Editor, <u>Yearbook of Emergency Medicine</u>	1988-2003
Member, Advisory Board, Clinical Investigation, <u>The Western Journal of Medicine</u>	1991-1993
Editorial Board, <u>Year Book of Emergency Medicine</u>	1994-2003
Editorial Board, <u>Prehospital Emergency Care</u>	2008-

**Manuscript Consultant/Reviewer**

<u>Annals of Emergency Medicine</u>	1981-
<u>Critical Care Medicine</u>	1983-
<u>JAMA</u>	1983-
<u>Annals of Internal Medicine</u>	1984-
<u>Am J Emergency Medicine</u>	1984-
<u>Resuscitation</u>	1985-
<u>Circulation</u>	1985-
<u>Circulation Research</u>	1988-
<u>Archives of Internal Medicine</u>	1991-
<u>Chest</u>	1991-
<u>Academic Emergency Medicine</u>	1993-
<u>The Lancet</u>	2000-
<u>American Journal of Respiratory and Critical Care Medicine</u>	2000-
<u>Pediatric Critical Care Medicine</u>	2000-
<u>American Journal of Physiology</u>	2004-
<u>Journal of the American College of Cardiology</u>	2004-
<u>Anesthesiology</u>	2004-

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New England Journal of Medicine 2006-  
Inflammation 2013-

**CONSULTING ACTIVITIES**

**Grant/Contract Peer-Review Panel**

Research Scholar Program of the American College of  
Emergency Physicians 1984-1985

Research Scholar Program of the Emergency Medicine Foundation 1985-1986

Member, US Army Medical Research and Development  
Advisory Committee--Trauma/Casualty Group 1985-1995

Member, American Institute of Biological Sciences  
Review Panel for Special Sciences Program 1985-1995

Member, Emergency Medicine Foundation Review Panel,  
Center of Excellence Award 1993

Grant Reviewer, Austrian Science Fund (FWF) 2012

Member, AHA Peer Review Panel, Cardiac Arrest/Resuscitation 2015-

**National Institutes of Health**

National Institutes of Health  
Invited Participant, NIH Workshop, Post-Resuscitative and Initial  
Utility in Life Saving Efforts (PULSE) Conference 2000

National Institutes of Health 2003  
Special Emphasis Panel, NHLBI  
Cardiovascular Disease SBIR

National Institutes of Health 2004  
Special Emphasis Panel, NHLBI  
Cardiovascular Sciences SBIR

National Institutes of Health 2006  
National Heart, Lung, and Blood Institute  
Resuscitation Outcomes Consortium  
Committee Panel: ITD Device

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National Institutes of Health  
National Heart, Lung, and Blood Institute  
Clinical and Integrative Cardiovascular  
Clinical Science (CICS) study section 2008-

National Institutes of Health  
Special Emphasis Panel, NHLBI  
Cardiovascular Sciences SBIR 2008-

Moderator, NIH NHLBI Workshop  
PEA Cardiac Arrest 6/2012

**Miscellaneous**

Consultant, National Aeronautics and Space Administration  
(NASA), Basic and Advanced Life Support in Space 1985-1986

Member, Board of Directors, Center for Prehospital Research  
and Education, UCSF 1991-1994

Consultant, Rand Corporation, Ambulatory Care Triage Criteria 1995

**HONORS AND SPECIAL AWARDS**

Alpha Omega Alpha, UCLA Chapter 1976

UCLA Alumni Association Award for Academic Distinction 1976

Distinguished Lecturer, American College of Emergency  
Physicians 1982

Society of Teachers of Emergency Medicine Annual Award for  
Academic Excellence (first recipient) 1985

Certificate of Appreciation from the University Association  
for Emergency Medicine for dedicated service 1985

Consultant, American Heart Association National Conference  
on CPR and Emergency Cardiac Care 1985

Fellow of the American College of Emergency Physicians 1986

American College of Emergency Physicians Annual Award for  
Distinguished Achievements in Research and Education  
(first recipient) 1986

Member, International Scientific Advisory Board for the 6th World Congress on Emergency and Disaster Medicine	1988-1989
Certificate for Dedicated Service from the Association of Academic Chairs of Emergency Medicine	1990
Consultant and Panel Member, American Heart Association National Conference on CPR and Emergency Cardiac Care	1992
Certificate of Appreciation for Dedicated Service from the Society for Academic Emergency Medicine	1992
Outstanding Contributions Award from the Society for Academic Emergency Medicine	1993
Annual Award for Leadership in Academic Medicine from the Society For Academic Emergency Medicine	2000
Distinguished Teaching Award, UCLA School of Medicine, Department of Medicine, Harbor-UCLA Medical Center	2002
Outstanding Peer Reviewer Academic Emergency Medicine	2003-2005
Outstanding Peer Reviewer Academic Emergency Medicine	2008
Outstanding Peer Reviewer Annals of Internal Medicine	2008
Outstanding Peer Reviewer Annals of Emergency Medicine	2011
Faculty Outstanding Teacher Award	2015

**RESEARCH GRANTS RECEIVED**

(Since 1998)

Survivalink Corporation Monophasic versus biphasic defibrillation of prolonged ventricular fibrillation \$110,000 Principal Investigator	1/1/98-12/31/01
Survivalink Corporation CPR Before Defibrillation of Prolonged VF	1/1/00-6/3/01

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\$17,000

Principal Investigator

Medtronics/PhysioControl Corporation

1/1/99-12/31/02

LifeBelt CPR in the Management of Prolonged VF:

A Pilot Investigation

\$27,000

Principal Investigator

Emergency Medicine Foundation

7/1/01-6/31/04

Postresuscitation Cardiac Dysfunction: Role of TNF and the  
Effect of PDE III Inhibitors

\$100,000

Principal Investigator

NIH BRSG Common Use Equipment Grant

7/01/02

\$65,000

Co-investigator

Medtronic-Physiocontrol Corporation

5/1/02-4/30/04

Comparison of Clinically Used Biphasic Waveforms and

Energy Protocols in an Animal Model of Ischemic

Ventricular Fibrillation

\$90,868.00

Principal Investigator

Inovise Medical, Inc.

7/1/02-12/31/02

Detection of a Third and Fourth Heart Sound in a Laboratory  
Model of Acute Cardiac Ischemia and Left Ventricular Dysfunction

\$27,574.00

Principal Investigator

Biolaser Medical Instruments

10/01/02-6/30/03

Effects of Transcutaneous Near-Infrared Low-Level Laser

Irradiation On Coronary Blood Flow

\$15,000

Principal Investigator

Biolaser Medical Instruments

7/01/03-6/30/04

Enhanced Myocardial Perfusion Using

Transcutaneous Low-Level Laser Irradiation:

A Comparison of Microsphere and EBCT Myocardial  
Blood Flow

\$18,000

Principal Investigator

National Institutes of Health, 1R41 HL071378-01A1

5/1/03-4/30/04

LifeBelt CPR: Combined Thoracic and Sternal Compression

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\$150,000.00

Consortium Principal Investigator

NIH, NHLBI R21 HL077425-01

7/1/04-6/30/06

(PI: J. Menegazzi, University of Pittsburgh)

Derivation of Innovative Treatments for Cardiac Arrest

\$200,000

Co-investigator

NIH, NHLBI 1 RO1 HL080483-01

9/01/05-5/31/09

(PI: J. Menegazzi, University of Pittsburgh)

Physiology of Prolonged Ventricular Fibrillation

\$863,218

Co-investigator

Xenogen Corporation

4/01/05-3/31/06

Murine Models of Global Ischemia

\$3,000

Principal Investigator

NIH, NHLBI 1 RO1 HL076671-01A1

5/1/05-4/31/11

Ischemic Arrest, Cytokines, and Organ Dysfunction

\$1,149,000

Principal Investigator

NIH, NHLBI 2 R42 HL071378-02

7/1/05-6/30/07

LifeBelt CPR: Sternal Compression and Thoracic Constraint

\$1,554,624

Key Principal Investigator

Physio-Control Corporation

7/1/07-6/30/08

Use of Transcutaneous Nerve Stimulation to Improve Outcome

From Sudden Cardiac Arrest: A Pilot Study

\$27,000

Principal Investigator

Cardiac Science

8/1/09-7/31/10

Mechanical Cough CPR

\$35,000

Principal Investigator

Cardiac Science

8/1/09-7/31/10

VF waveform algorithm for successful countershock

\$35,000

Principal Investigator

Cardiac Science Corporation

7/1/13-6/30/14

1<sup>st</sup> Shock Efficacy of G3 and G5 Defibrillators

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\$63,000  
Principal Investigator

St. Jude Medical  
Remote Device Interrogation in the Emergency Department  
Study (REMEDY)  
(PI: Marc Gersky, MD, Harbor-UCLA Medical Center, UCLA)  
\$15,000

9/1/13-8/31/14

**INVITED NATIONAL/INTERNATIONAL LECTURES**

"New Advances in Resuscitative Techniques"  
American College of Emergency Physicians  
1980 Annual Scientific Assembly, Las Vegas, Sept. 1980.

"CPR - Are We Doing it Correctly?"  
American College of Cardiology  
30th Annual Scientific Session, San Francisco, March, 1981.

"Cardiopulmonary/Cerebral Resuscitation:  
New Advances in Techniques"  
American College of Emergency Physicians  
1981 Annual Scientific Assembly, New Orleans, Sept., 1981.

"Cardiopulmonary Resuscitation - Are We Doing It Correctly?"  
American College of Emergency Physicians  
1982 Winter Symposium, Maui, April 1982

"New Frontiers in CPR" - Distinguished Lecture Series  
American College of Emergency Physicians  
1982 Annual Scientific Assembly, San Francisco, Sept., 1982.

"What's New In CPR" - Seminar  
American College of Emergency Physicians  
1982 Annual Scientific Assembly, San Francisco, Sept., 1982.

"Syncope, Sick Sinus Syndrome, and Cardiac Pacemakers"  
American College of Emergency Physicians  
1982 Annual Scientific Assembly, San Francisco, Sept., 1982.

"Cardiogenic Shock"  
American College of Emergency Physicians  
1983 Annual Scientific Assembly, Atlanta, Oct., 1983.

"New Concepts in CPR and Brain Resuscitation"  
Canadian Association of Emergency Physicians  
5th Annual Scientific Assembly, Vancouver, April, 1984.

"Pharmacology of the New Cardiovascular Drugs"

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Canadian Association of Emergency Physicians  
5th Annual Scientific Assembly, Vancouver, April, 1984.

"Acidemia and Sodium Bicarbonate Therapy in Advanced Cardiac Life Support"  
American College of Emergency Physicians 1984 Winter Symposium:  
Cardiopulmonary-Cerebral Resuscitation: State of the Art  
Scottsdale, April, 1984.

"Differences in Cerebral and Myocardial Perfusion during CPR"  
American College of Emergency Physicians 1984 Winter Symposium:  
Cardiopulmonary-Cerebral Resuscitation: State of the Art  
Scottsdale, April, 1984.

"The Cutting Edge of Research - When to Cut and When to Edge"  
California Chapter of the American College of Emergency Physicians  
1984 Scientific Assembly, San Diego, May, 1984.

"Cardiac Life Support - A New Way?"  
Royal College of Physicians and Surgeons of Canada  
Emergency Symposium-Advances in Resuscitation  
Calgary, Oct., 1984.

"CPR Review"  
American College of Emergency Physicians  
1984 Annual Scientific Assembly, Dallas, Oct., 1984.

"Artificial Perfusion Techniques During Cardiac Arrest: Questions of  
Experimental Focus vs Clinical Need".  
University Association for Emergency Medicine and the International  
Research Institute for Emergency Medicine Resuscitation Symposium  
Orlando, Feb., 1985.

"Cardiac Resuscitation Update"  
American College of Emergency Physicians  
Comprehensive Review of Emergency Medicine  
Anaheim, March, 1985.

"Advances in Cardiopulmonary Resuscitation"  
Clinical Advances and Research Updates in Emergency Medicine  
UC San Francisco, San Francisco, April, 1985.

"Clinical Applications of New CPR Techniques"  
Clinical Advances and Research Updates in Emergency Medicine  
UC San Francisco, San Francisco, April, 1985.

"Advances in Cardiopulmonary - Cerebral Resuscitation"  
Massachusetts Chapter of the American College of Emergency Physicians  
Cape Cod, June, 1985.

"Management of Hypertensive Emergencies"  
Massachusetts Chapter of the American College of  
Emergency Physicians  
Cape Cod, June, 1985.

"MAST and Abdominal Binding during CPR"  
National American Heart Association  
AHA ECC/CPR Standards Meeting, Dallas, July, 1985.

"Cardiopulmonary Resuscitation - State of the Art"  
American College of Emergency Physicians  
1985 Scientific Assembly, Las Vegas, Sept., 1985.

"Funding Emergency Medicine Research"  
American College of Emergency Physicians  
1985 Scientific Assembly, Las Vegas, Sept., 1985.

"Grantsmanship and Funding for Emergency Medicine Research"  
Society of Teachers of Emergency Medicine  
1986 Annual Meeting, Portland, Oregon, May, 1986.

"Advanced Cardiac Life Support - New Advances and Recommendations"  
American College of Emergency Physicians  
Comprehensive Review of Emergency Medicine  
Torrance, CA, June 1986.

"Clinical Research in Emergency Medicine: What You Need to Know"  
American College of Emergency Physicians  
1986 Annual Scientific Assembly, Atlanta, GA, Sept., 1986

"Emergency Medicine Research Funding"  
American College of Emergency Physicians  
1986 Annual Scientific Assembly, Atlanta, GA, Sept., 1986.

"A Critical Appraisal of the New Advanced Cardiac Life Support Guidelines"  
American College of Emergency Physicians  
1986 Annual Scientific Assembly, Atlanta, GA, Sept., 1986.

"Acute Left Ventricular Failure"  
American College of Emergency Physicians  
1986 Winter Symposium, Tucson, AZ, March, 1987

"Pharmacologic Advances in the Management of Cardiac Arrest"  
University of California at San Francisco, CPR and ACLS  
Update-1987, San Francisco, March, 1987.

"Evaluation and Management of Selected Cardiac Emergencies"  
Annual Scientific Assembly of the California Chapter of the  
American College of Emergency Physicians, Newport, June, 1987.

"CPR in the Critically Ill"

NIH co-sponsored conference "Critical Decisions:  
Key Issues in the Recovery of the Critically Ill"  
Washington, D.C., July, 1987.

"Mechanisms of Cardiac Arrests: Implications for Resuscitation"

American College of Emergency Physicians  
1987 Annual Scientific Assembly, San Francisco, Nov., 1987.

"Thrombolysis in Emergency Cardiac Care"

American College of Emergency Physicians  
1987 Annual Scientific Assembly, San Francisco, Nov., 1987.

"Acute Myocardial Infarction: Emergency Department Diagnosis"

American College of Emergency Physicians  
1990 Winter Symposium, Tucson, AZ, March, 1990.

"Controversies in ACLS"

Center for Prehospital Research and Training  
University of California, San Francisco, February, 1991

"Study Design in Cardiac Arrest Research: Moving from the  
Laboratory to the Clinical Population"

Chicago Symposium on Methodology in Cardiac Arrest Research  
Chicago, March 1991

"Non-thrombolytic Therapy in Acute Myocardial Infarction"

American College of Emergency Physicians  
1991 Annual Scientific Assembly, Boston, MA, October, 1991

"Artificial Ventilation and Airway Control During Respiratory  
and Cardiorespiratory Arrest"

Hawaii Affiliate of the American Heart Association  
Honolulu, HI, May, 1992

"Mechanisms of Blood Flow During CPR and Hemodynamic Monitoring  
During CPR"

Hawaii Affiliate of the American Heart Association  
Honolulu, HI, May, 1992

"Diagnostic Approach to Patients with Wide QRS Complex Tachycardia"

Fifth Annual Emergency Medicine for the Critically Ill and Injured Symposium  
Orlando, FL, February, 1994

"Current Concepts and Controversies in Providing ACLS"

Fifth Annual Emergency Medicine for the Critically Ill and Injured Symposium  
Orlando, FL, February, 1994

"Current "Standard Treatments" for Patients with Acute Myocardial Infarction"  
Fifth Annual Emergency Medicine for the Critically Ill and Injured Symposium  
Orlando, FL, February, 1994

"Animal Research in CPR: Is There a Clinically Relevant Model?"  
Society for Academic Emergency Medicine (SAEM) Annual Meeting,  
Washington, DC, May, 1994

"ACLS: Is the Standard of Consensus Truly State-of-the-Art?"  
Society for Academic Emergency Medicine (SAEM) Annual Meeting,  
San Antonio, TX, May, 1995

"Resuscitation: Are There Any Effective Approaches?"  
The Nina Mazur Memorial Conference  
The Brooklyn Hospital Center, June, 1997.

"Cardiac Arrest: Current Research"  
Grand Rounds, St. George's Hospital  
London, June, 1997

"Industry Sponsored Research-What You Should Know"  
Society for Academic Emergency Medicine  
1999 Annual Meeting, Boston, MA, May, 1999

"Monitoring the Effectiveness of CPR"  
The Fifth Wolf Creek Conference on CPR  
Palm Springs, CA, June, 1999

"What Every Emergency Physician Should Know: Basic Science"  
American College of Emergency Physicians  
1999 Annual Scientific Assembly, Las Vegas, NV, October, 1999

"Rule Out Ischemia: A Case-based Overview of Current Stress/Imaging Techniques  
and Implications for Chest Pain Patients in the Emergency Department"  
American College of Emergency Physicians  
1999 Annual Scientific Assembly, Las Vegas, NV, October, 1999

"Update on Cardiac Emergencies"  
Society of Orange County Emergency Physicians  
1999 Annual Meeting, Anaheim, CA, November, 1999

Participant and Lecturer, National Heart, Lung, and Blood Institute Workshop  
"Post-resuscitation and Initial Utility in Life Saving Efforts" (PULSE) Conference  
"Mechanics of CPR, The Pump and Large Vessels"  
June, 2000, Leesburg, VA

“Optimal Vasopressor Interventions During CPR”  
The Sixth Wolf Creek Conference on Cardiopulmonary Resuscitation  
June, 2001, Rancho Mirage, CA

“Criteria for Discontinuing CPR Efforts”  
The Sixth Wolf Creek Conference on Cardiopulmonary Resuscitation  
June, 2001, Rancho Mirage, CA

“Optimizing Airway Management and Mechanical Ventilation During CPR”  
The 7<sup>th</sup> Wolf Creek Conference on Cardiopulmonary Resuscitation  
June, 2003, Rancho Mirage, CA

“Optimizing Trauma and Hemorrhagic Shock Resuscitation”  
The 7<sup>th</sup> Wolf Creek Conference on Cardiopulmonary Resuscitation  
June, 2003, Rancho Mirage, CA

“Mechanical Options for Improving Blood Flow During CPR”  
The 7<sup>th</sup> Wolf Creek Conference on Cardiopulmonary Resuscitation  
June, 2003, Rancho Mirage, CA

“CPR Preceding Countershock of Prolonged Ventricular Fibrillation”  
Annual Scientific Meetings of the American Heart Association  
November, 2003, Orlando, FL

“Optimizing Defibrillation: Waveforms, Energies vs. Current, and Interrupted Chest Compression”  
The Eight Wolf Creek Conference on Resuscitation  
Ranch Mirage, CA, June, 2005

“The Role of Hypothermia for Resuscitation Management”  
The Eight Wolf Creek Conference on Resuscitation  
Ranch Mirage, CA, June, 2005

“Optimizing Pharmacological Interventions During CPR”  
The Eight Wolf Creek Conference on Resuscitation  
Ranch Mirage, CA, June, 2005

“Better Methods of CPR”  
2006 AHA Scientific Sessions, Resuscitation Science Symposium  
Chicago, IL November, 2006

“Optimizing the Efficacy of Circulatory Support during CPR”  
The Ninth Wolf Creek Conference on Resuscitation  
Indian Wells, CA, June 2007

“Are We Ready to Remove “B” from the ABC’s”  
The Ninth Wolf Creek Conference on Resuscitation  
Indian Wells, CA, June 2007

“Optimizing Post-resuscitation management-Priorities of Post-resuscitation Care  
The Ninth Wolf Creek Conference on Resuscitation  
Indian Wells, CA, June 2007

“Pitfalls and Progress in Resuscitation Trial Design”  
American Heart Association Scientific Sessions, Resuscitation Science Symposium  
Chicago, IL, November, 2010

“Advanced Cardiopulmonary Support after Cardiac Arrest”  
American Heart Association Scientific Sessions, Resuscitation Science Symposium  
Chicago, IL, November, 2010

“Optimizing timing of defibrillation”  
The Eleventh Wolf Creek International Conference on Resuscitation  
Rancho Mirage, CA, June, 2011

“After 50 years of modern CPR, do we really save more lives”  
The Eleventh Wolf Creek International Conference on Resuscitation  
Rancho Mirage, CA, June, 2011

“Optimizing transition from laboratory to clinical practice”  
The Eleventh Wolf Creek International Conference on Resuscitation  
Rancho Mirage, CA, June, 2011

“Optimizing therapeutic hypothermia: when to start, how low should we go, and what  
Is the optimal duration”  
The Eleventh Wolf Creek International Conference on Resuscitation  
Rancho Mirage, CA, June, 2011

“Optimizing timing of defibrillation and current available techniques for predicting the success of  
defibrillation”  
The Twelfth Wolf Creek International Conference on Resuscitation  
Rancho Mirage, CA, June, 2013

“Are we ready to give up epinephrine and use active myocardial protective agents during CPR?”  
The Twelfth Wolf Creek International Conference on Resuscitation  
Rancho Mirage, CA, June, 2013

“Optimizing post-resuscitation management: Priorities of post-resuscitation care”  
The Twelfth Wolf Creek International Conference on Resuscitation  
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**C. RESEARCH PAPERS - PEER-REVIEWED (SUBMITTED)**

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**D. RESEARCH PAPERS - NON-PEER REVIEWED**

None

**E. RESEARCH PAPERS - NON-PEER REVIEWED (IN PRESS)**

None

**F. RESEARCH PAPERS- NON-PEER REVIEWED (SUBMITTED)**

None

**G. BOOK OR CHAPTER OF BOOK**

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