

CURRICULUM VITAE
JAMES T. NIEMANN, MD, FACEP

BUSINESS ADDRESS: Harbor-UCLA Medical Center
Department of Emergency Medicine, Box #21
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Torrance, CA 90509

WORK PHONE: (310) 222-3500

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HOME ADDRESS: XXXXX
XXXXX
XXXXX

DATE OF BIRTH: XXXXX

PLACE OF BIRTH: XXXXX

CITIZENSHIP: United States

MARITAL STATUS: XXXXX

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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LICENSURE

State of California, XXXXX	1978-
Drug Enforcement Agency, XXXXX	1978-

BOARD CERTIFICATION

Diplomate, American Board of Internal Medicine (ABIM)	1979
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Diplomate, American Board of Emergency Medicine (ABEM)	1986
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Recertified, ABEM	2005
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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 present	1990-
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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

Research Associate, Neuromuscular Research Group
Laboratory of Dr. James Peters, MD, PhD 1973-1974
UCLA School of Medicine

Teaching Assistant, Department of Pathology
UCLA School of Medicine 1973-1974

Research Assistant, Neurophysiology Laboratory
UCLA School of Medicine, Neuropsychiatric Institute (NPI) 1972

HOSPITAL/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
1988 1982-
Harbor-UCLA Medical Center

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
1/88 9/86-
Harbor-UCLA Medical Center

Director, Risk Management, Department of Emergency Medicine
Harbor-UCLA Medical Center 1998-2004

PROFESSIONAL ACTIVITIES

COMMITTEE SERVICE

Hospital Committee Service

Critical Care Committee (housestaff representative) 1977-1979

Medical Intern and Resident Education Committee (housestaff 1978-

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1979 representative)	
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
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
Research Committee, Research and Education Institute	1982-
Information System Planning Committee	1983-1986
Ambulatory Care Improvement Program Planning Committee	1983-1986
Human Subjects Committee, Research and Education Institute	1985-1990 1994-
2001	
Vice-Chair, Human Subjects Committee	1986-1990 1998-2001
Animal Use Committee, Research and Education Institute	1990-1992 2002-
Chair, Institutional Animal Care and Use Committee	2006-2008
Fund Development Committee, Research and Education Institute	1994-1996
Faculty Group Practice Task Force	1996-1999
Chest Pain Unit Task Force	1996-
Vice-Chair, Faculty Group Practice Development Committee	1997-1999

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Research and Education Institute Faculty Focus Group, CEO Search 2001

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-

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

Member, Blue Ribbon Commission on the Future of Emergency Medicine 1987

Member, Image of Emergency Medicine Task Force 1988

Member, Search Committee for Editor, Annals of Emergency Medicine 1988

Consultant, Clinical Policies Committee 1992-

Member, Research Committee 1994-1995

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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
Oral Examiner	1990-2001
Senior Examiner	2001-

Emergency Medicine Foundation

Member, Board of Directors	1986-
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American Heart Association

American College of Emergency Physicians Liaison to the AHA Emergency Cardiac Care Committee	1984-1987
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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, <u>Heartsaver Guide</u>	1994
Member, AHA Council on Cardiopulmonary, Perioperative, and Critical Care	1993-
AHA Scientific Meetings Program Committee Abstract Reviewer	2007-

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	1980-1989
University Association for Emergency Medicine	1980-1989
American College of Emergency Physicians	1982-
American Federation for Clinical Research	1982-

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American Association for the Advancement of Sciences	1982-
New York Academy of Sciences	1983-
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	1989-
American Heart Association Council on Cardiopulmonary and Critical Care	1993-

EDITORIAL SERVICES

Editorial Board

Associate Editor, <u>Emergency Medicine Survey</u>	1981-1985
Editorial Board, <u>Annals of Emergency Medicine</u>	1982-2002
Section Co-Editor, Scientific Meetings, <u>Annals of Emergency Medicine</u>	1989-1992
Editorial Board, <u>Case Studies in Emergency Medicine</u>	1984-1987
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-
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<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>Anesthesiology</u>	2004-

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-
Member, American Institute of Biological Sciences Review Panel for Special Sciences Program	1985-
Member, Emergency Medicine Foundation Review Panel,	1993

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Center of Excellence Award

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
Special Emphasis Panel, NHLBI
Cardiovascular Disease SBIR

2003

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

2004

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

2006

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

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

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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

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 \$17,000 Principal Investigator	1/1/00-6/3/01
Medtronics/PhysioControl Corporation LifeBelt CPR in the Management of Prolonged VF: A Pilot Investigation \$27,000 Principal Investigator	1/1/99-12/31/02
Emergency Medicine Foundation Postresuscitation Cardiac Dysfunction: Role of TNF and the Effect of PDE III Inhibitors \$100,000 Principal Investigator	7/1/01-present
NIH BRSG Common Use Equipment Grant \$65,000 Co-investigator	7/01/02
Medtronic-Physiocontrol Corporation Comparison of Clinically Used Biphasic Waveforms and Energy Protocols in an Animal Model of Ischemic Ventricular Fibrillation \$90,868.00 Principal Investigator	5/1/02-4/30/04
Inovise Medical, Inc.	

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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

7/1/02-12/31/02

Biolaser Medical Instruments
Effects of Transcutaneous Near-Infrared Low-Level Laser
Irradiation On Coronary Blood Flow
\$15,000
Principal Investigator

10/01/02-6/30/03

Biolaser Medical Instruments
Enhanced Myocardial Perfusion Using
Transcutaneous Low-Level Laser Irradiation:
A Comparison of Microsphere and EBCT Myocardial
Blood Flow
\$18,000
Principal Investigator

7/01/03-6/30/04

National Institutes of Health, 1R41 HL071378-01A1
LifeBelt CPR: Combined Thoracic and Sternal Compression
\$150,000.00
Consortium Principal Investigator

5/1/03-4/30/04

NIH, NHLBI R21 HL077425-01
(PI: J. Menegazzi, University of Pittsburgh)
Derivation of Innovative Treatments for Cardiac Arrest
\$200,000
Co-investigator

7/1/04-6/30/06

NIH, NHLBI 1 RO1 HL080483-01
(PI: J. Menegazzi, University of Pittsburgh)
Physiology of Prolonged Ventricular Fibrillation
\$863,218
Co-investigator

4/01/05-5/31/07

Xenogen Corporation
Murine Models of Global Ischemia
\$3,000
Principal Investigator

4/01/05-3/31/06

NIH, NHLBI 1 RO1 HL076671-01A1
Ischemic Arrest, Cytokines, and Organ Dysfunction
\$1,149,000
Principal Investigator

7/1/05-6/31/09

NIH, NHLBI 2 R42 HL071378-02
LifeBelt CPR: Sternal Compression and Thoracic Constraint

7/1/05-6/30/07

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\$1,554,624

Key Principal Investigator

Physio-Control Corporation

Use of Transcutaneous Nerve Stimulation to Improve Outcome
From Sudden Cardiac Arrest: A Pilot Study

7/1/07-6/30/08

\$17,000

Principal Investigator

RESEARCH GRANTS PENDING

Radiant Corporation

Endovascular Cooling to Enhance Resuscitation Therapy
(PI: G. Nichol, MD, University of Washington)

Co-Investigator

NIH, NHLBI

Percutaneous cardiopulmonary bypass evaluation in swine with
refractory cardiac arrest (PERC) trial
(PI: G. Nichol, MD, University of Washington)

Advisor/Consultant

Physio-Control Corporation

REVEAL: Laboratory and Clinical Assessment
Principal Investigator

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"
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 7th Wolf Creek Conference on Cardiopulmonary Resuscitation
June, 2003, Rancho Mirage, CA

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

“Mechanical Options for Improving Blood Flow During CPR”
The 7th 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

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

BIBLIOGRAPHY

A. RESEARCH PAPERS - PEER-REVIEWED

1. Black-Cleworth P, Woody CD, **Niemann JT**: A conditioned eye-blink obtained by using electrical stimulation of the facial nerve as unconditioned stimulus. *Brain Research* 90:45-56, 1975.
2. **Niemann JT**, Rosborough JP, Brown D, Criley JM: Cough CPR: Documentation of systemic perfusion in man and an experimental model and a "window" to the mechanism of blood flow in external CPR. *Crit Care Med* 8:141-146, 1980.
3. **Niemann JT**, Rosborough JP, Hausknecht M, Ung S, Criley JM: Blood flow without cardiac compression during closed chest CPR. *Crit Care Med* 9:380-381, 1980.
4. Criley JM, **Niemann JT**, Rosborough JP, Ung S: The heart is a conduit in CPR. *Crit Care Med* 9:373-374, 1980.
5. Rosborough JP, Hausknecht M, **Niemann JT**, Criley JM: Cough supported circulation during cardiac arrest, *Crit Care Med* 9:371-372, 1980.
6. **Niemann JT**, Rosborough JP, Hausknecht M, Garner D, Criley JM: Pressure-synchronized cineangiography during experimental cardiopulmonary resuscitation. *Circulation* 64:985-991, 1981.
7. Stapczynski JS, Rothstein RJ, Gaye WA, **Niemann JT**: Colchicine overdose: Report of two cases and a review of the literature. *Ann Emerg Med* 20:363-369, 1981.
8. **Niemann JT**, Stapczynski JS, Rothstein RJ, Laks MM: Cardiac conduction and rhythm disturbances following suicidal ingestion of mesoridazine. *Ann Emerg Med* 10:585-588, 1981.
9. **Niemann JT**, Rosborough JP, Ung S, Criley JM: Coronary perfusion pressure during experimental cardiopulmonary resuscitation. *Ann Emerg Med* 11:127-133, 1982.
10. Bessen H, **Niemann JT**, Haskell R, Rothstein R: Effect of respiratory alkalosis in tricyclic antidepressant overdose. *West J Med* 139:373-376, 1983.
11. Haynes BE, Carr FJ, **Niemann JT**: Catheter introducers for rapid fluid resuscitation. *Ann Emerg Med* 12:606-609, 1983.
12. **Niemann JT**, Stapczynski JS, Rosborough JP, Rothstein RJ: Hemodynamic effects of pneumatic external counterpressure in canine hemorrhagic shock. *Ann Emerg Med* 12:661-667, 1983.
13. **Niemann JT**, Rosborough JP, Ung S, Criley JM: Hemodynamic effects of continuous abdominal binding during cardiac arrest and resuscitation. *Am J Cardiol* 53:269-274,

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1984.

14. Corre KA, **Niemann JT**, Bessen HA: Extended therapy for acute dystonic reactions. *Ann Emerg Med* 13:194-197, 1984.
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16. Carlisle DM, **Niemann JT**, Laks MM: New quantitative electrocardiographic criteria for hyperkalemia applicable to computer diagnosis. *Proc IEEE Comp Soc 8th Conf, Computerized Interpretation of the Electrocardiogram*, p. 181-192, 1984.
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None

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

None

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

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