

ROGER JAY LEWIS, MD, PHD

CURRICULUM VITAE

Revision Date: March 26, 2017

BUSINESS ADDRESS: Department of Emergency Medicine
Harbor-UCLA Medical Center, Box 21
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Torrance, California 90509
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Email: roger@emedharbor.edu

CITIZENSHIP: United States of America

EDUCATION:

Undergraduate

Degree:	BS Physics BS Biological Sciences	Stanford University Palo Alto, California	1977 - 1981
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Graduate

Degree:	PhD Biophysics	Stanford University Palo Alto, California	1982 - 1986
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Degree:	MD	Stanford University School of Medicine Palo Alto, California	1981 - 1987
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Postgraduate

Emergency Medicine Residency	Harbor-UCLA Medical Center Torrance, California	1987 - 1990
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LICENSURE: Physician and Surgeon - California 1988 -

BOARD CERTIFICATION:	Certification, American Board of Emergency Medicine	1991 - 2001
	First Recertification, American Board of Emergency Medicine	2000 - 2010
	Second Recertification, American Board of Emergency Medicine	2010 - 2020

PRESENT POSITIONS:

Professor of Emergency Medicine and Vice Chair
Department of Emergency Medicine
David Geffen School of Medicine at UCLA 2016 -

Chair
Department of Emergency Medicine
Harbor-UCLA Medical Center, Torrance, California 2013 -

Member
National Academy of Medicine of the National Academies (formerly the Institute of Medicine)
Washington, DC 2009 -

Senior Medical Scientist
Berry Consultants, LLC
Austin, Texas 2007 -

PREVIOUS POSITIONS:

External Team Member/Special Government Employee
FDA Entrepreneur-in-Residence Program
Centers for Devices and Radiological Health (CDRH)
Food and Drug Administration (FDA)
Silver Spring, Maryland 2011 - 2013

Project Director
Electronic Health Record Implementation
Department of Health Services
Los Angeles County, California 2010 - 2012

Vice Chair for Academic Affairs
Department of Emergency Medicine
Harbor-UCLA Medical Center, Torrance, California 2009 - 2013

Professor of Medicine
Department of Medicine
David Geffen School of Medicine at UCLA 2003 - 2016

Senior Data and Safety Monitoring Advisor
General Clinic Research Center
Harbor-UCLA Medical Center, Torrance, California 2003 - 2010

Director of Research
Department of Emergency Medicine
Harbor-UCLA Medical Center, Torrance, California 1994 - 2009

Associate Professor of Medicine
David Geffen School of Medicine at UCLA
Department of Emergency Medicine
Harbor-UCLA Medical Center, Torrance, California 1997 - 2003

Assistant Professor of Medicine
UCLA School of Medicine
Department of Emergency Medicine
Harbor-UCLA Medical Center, Torrance, California 1990 - 1997

PREVIOUS POSITIONS (Continued):

Associate Director of Research 1992 - 1994
Department of Emergency Medicine
Harbor-UCLA Medical Center, Torrance, California

MD/PhD Candidate 1981 - 1987
Program in Biophysics and School of Medicine
Stanford University, Palo Alto, California

Research Assistant 1980 - 1981
Department of Biological Sciences
Stanford University, Palo Alto, California

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COMMITTEE SERVICE:

National

Member External Review Committee Department of Emergency Medicine University of Pennsylvania School of Medicine Philadelphia, Pennsylvania	2016
Member Clinical Trials Transformation Initiative (CTTI) Project on Data Monitoring Committees Clinical Trials Transformation Initiative (CTTI) Duke University Durham, North Carolina	2015 - 2016
Member NHLBI T32 Special Emphasis Panel National Heart, Lung, and Blood Institute (NHLBI), National Institutes of Health (NIH) Bethesda, Maryland	2015
Member External Review Committee for K12 Research Training Program Department of Emergency Medicine University of Pennsylvania School of Medicine Philadelphia, Pennsylvania	2014
Member Medicare Evidence Development & Coverage Advisory Committee (MEDCAC) Centers for Medicare & Medicaid Services (CMS) Baltimore, Maryland	2013 - 2016
Member Special Emphasis Panel HRSA 12-044 Health Resources and Services Administration Rockville, Maryland	2012
Member Board of Directors Society for Clinical Trials Philadelphia, Pennsylvania	2012 - 2020
Member External Advisory Committee University of Pennsylvania Clinical Research Training Program in Emergency Medicine University of Pennsylvania Philadelphia, Pennsylvania	2012 - 2017
Member NIH/PCORI Special Emphasis Panel ZRG1 MOSS-C 70 R National Institutes of Health Bethesda, Maryland	2012

COMMITTEE SERVICE (Continued):

National (Continued)

Member Strategic Team, Entrepreneurs in Residence Program Innovation Pathway Program Center for Devices and Radiological Health (CDRH), Food and Drug Administration (FDA) Silver Spring, Maryland	2011 - 2012
Member Randomized Trials Working Group International Forum for Acute Care Trialists (InFACT) Toronto, Canada	2011 - 2012
Co-Chair NHLBI Special Emphasis Panel ZHLI 1 CSR-J M2 1 National Institutes of Health Bethesda, Maryland	2011
Member Research Fellowship Credentialing Committee Society for Academic Emergency Medicine (SAEM) Des Plaines, Illinois	2010 - 2011
Chair NIH Special Emphasis Panel ZRG 1 HDM-J 50 National Institutes of Health Bethesda, Maryland	2009
Member NIH Special Emphasis Panel ZRG1 EPS-H 51 R National Institutes of Health Bethesda, Maryland	2009
Member Special Emphasis Panel ZCE1 JXS 03 National Center for Injury Prevention and Control Centers for Disease Control and Prevention (CDC) Atlanta, Georgia	2008
Member Planning Committee: NIH Medical and Surgical Emergencies Roundtable National Institutes of Health Bethesda, Maryland	2008 - 2009
Member Academic Affairs Committee American College of Emergency Physicians (ACEP) Dallas, Texas	2008 - 2009
Member Board of Directors SAEM Research Foundation Society for Academic Emergency Medicine (SAEM) Lansing, Michigan	2008 - 2011

COMMITTEE SERVICE (Continued):

National (Continued)

Member Research Committee American College of Emergency Physicians (ACEP) Dallas, Texas	2007 - 2017
Co-Chair ACEP-SAEM Joint Federal Funding Task Force (renamed Research Working Group) Society for Academic Emergency Medicine (SAEM) Lansing, Michigan	2007 - 2014
Member Adaptive Clinical Trials Working Group Pharmaceutical Manufacturers of America (PhRMA) Washington, DC	2007 - 2009
Member IOM Task Force Society for Academic Emergency Medicine (SAEM) Lansing, Michigan	2006 - 2007
Chair NIH Roadmap Taskforce Society for Academic Emergency Medicine (SAEM) Lansing, Michigan	2004 - 2005
Member NINDS Working Group on Emergency Neurologic Research Clinical Trials Network National Institute for Neurological Diseases and Stroke (NINDS) Bethesda, Maryland	2004
Member Healthcare Research Dissemination and Implementation (HRDI) Study Section Agency for Healthcare Research and Quality (AHRQ) Rockville, Maryland	2003 - 2005
Past-President President President-Elect Secretary-Treasurer Society for Academic Emergency Medicine (SAEM) Lansing, Michigan	2003 - 2004 2002 - 2003 2001 - 2002 2000 - 2001
Member Executive Committee Association of Academic Chairs of Emergency Medicine (AACEM) Lansing, Michigan	2002 - 2003
Research Methodology/Grant Review Consultant Scientific Review Committee Emergency Medicine Foundation Dallas, Texas	2002 - 2003

COMMITTEE SERVICE (Continued):

National (Continued)

Grant Reviewer Grants Committee Society for Academic Emergency Medicine (SAEM) Lansing, Michigan	2001
Member Special Emphasis Panel Developmental Centers for Evaluation and Research in Patient Safety Agency for Healthcare Research and Quality (AHRQ) Rockville, Maryland	2001
Working Group Leader (with Susan Fuchs, MD) Head Injury Outcome Measures in Pediatric Emergency Medicine Research Ambulatory Pediatric Association (APA)/Agency for Healthcare Research and Quality (AHRQ) Conference on Improving Emergency Medical Services for Children (EMSC) Through Outcomes Research Reston, Virginia	2001
Member Chairman Nominating Committee Society for Academic Emergency Medicine (SAEM) Lansing, Michigan	2002 - 2004 2001 - 2002
Member Financial Development Committee Society for Academic Emergency Medicine (SAEM) Lansing, Michigan	2001 - 2002
Guest Member Health Systems Research Study Section Agency for Healthcare Research and Quality (AHRQ) Rockville, Maryland	2001
Member Special Emphasis Panel Translating Research into Practice (TRIP) II Agency for Healthcare Research and Quality (AHRQ) Rockville, Maryland	2000
Member Steering Committee Center for Innovation in Clinical Trials MD Anderson Cancer Center Houston, Texas	2000 - 2001
Member Special Emphasis Panel Translating Research into Practice (TRIP) I Agency for Healthcare Policy and Research (AHCPR) Rockville, Maryland	1999

COMMITTEE SERVICE (Continued):

National (Continued)

Member Board of Directors Society for Academic Emergency Medicine (SAEM) Lansing, Michigan	1998 - 2004
Chairman Member Research Committee Society for Academic Emergency Medicine (SAEM) Lansing, Michigan	1995 - 1998, 2007 - 2008 1992 - 1995
Member Annual Meeting Task Force (SAEM) Society for Academic Emergency Medicine Lansing, Michigan	1997 - 1998
Member Clinical Trials Center Task Force Society for Academic Emergency Medicine (SAEM) Lansing, Michigan	1997 - 1998
Member Internet Task Force Society for Academic Emergency Medicine (SAEM) Lansing, Michigan	1996 - 1997
Member Subcommittee on Developing a Database for Emergency Medicine Research Society for Academic Emergency Medicine (SAEM) Lansing, Michigan	1991 - 1993

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COMMITTEE SERVICE (Continued):

Institutional

Chair Emergency Medicine Committee on Academic Promotion Department of Emergency Medicine David Geffen School of Medicine at UCLA Los Angeles, California	2017 -
Member Executive Committee Department of Emergency Medicine David Geffen School of Medicine at UCLA Los Angeles, California	2017 -
Co-Chair Service Improvement, Leadership, and Value Enhancement for Revenue (SILVER) Project Los Angeles County Health Agency Los Angeles, California	2017 -
Chair Pathology Chair Search Committee Harbor-UCLA Medical Center Torrance, California	2016
Chair Health IT Vendor Relationship Management Committee Los Angeles County Health Agency Los Angeles, California	2016 -
Member Clinical and Translational Science Institute Advisory Committee David Geffen School of Medicine at UCLA Los Angeles, California	2016 -
Chair Radiology Chair Search Committee Harbor-UCLA Medical Center Torrance, California	2015 - 2016
Chair Project ORCHID Oversight Committee Los Angeles County Department of Health Services Los Angeles, California	2012 - 2016
Member Council of Clinical Chairs Harbor-UCLA Medical Center Torrance, California	2013 -
Member Medical Executive Committee Harbor-UCLA Medical Center Torrance, California	2013 -

COMMITTEE SERVICE (Continued):

Institutional (Continued)

Member UCLA CTSI at LA BioMed Harbor-UCLA Scientific Advisory Committee Los Angeles Biomedical Research Institute Torrance, California	2011 - 2015
Member EHR Clinical Advisory Group Los Angeles County Department of Health Services Los Angeles, California	2009 - 2010
Member Retirement Committee Los Angeles Biomedical Research Institute Torrance, California	2008 - 2016
Member Legislative Assembly University of California, Los Angeles Los Angeles, California	2006 - 2009
Member Compensation Committee Los Angeles Biomedical Research Institute Torrance, California	2004 - 2005
Secretary Board of Directors Los Angeles Biomedical Research Institute Torrance, California	2002 - 2005
Member Audit Committee Los Angeles Biomedical Research Institute Torrance, California	2002 - 2005
Member General Clinical Research Center Biostatistician Search Committee Harbor-UCLA Research and Education Institute Torrance, California	2002
Chair CEO Search Committee Harbor-UCLA Research and Education Institute Torrance, California	2001
Co-Chair Member Nominating Committee Harbor-UCLA Research and Education Institute Torrance, California	2003 2000, 2010

COMMUNITY SERVICE (Continued):

Basic Trauma Life Support State Medical Director, California	1991 - 1995
Basic Trauma Life Support National Faculty, Southern California	1989 - 1999
American Heart Association Advanced Cardiac Life Support Instructor	1989 - 1992
Paramedic Base Station Certificate	1988

PROFESSIONAL SOCIETIES:

American Association for the Advancement of Science	1983 -
American College of Emergency Physicians	1987 -
American Statistical Association	1989 -
Association of Research Subject Advocates	2004 - 2008
Biometric Society	1990 -
Drug Information Association	2010 -
International Society for Bayesian Analysis	1994 -
Society for Academic Emergency Medicine	1989 -
Society for Clinical Trials	1990 -

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CONSULTING AND EDITORIAL ACTIVITIES:

Data Monitoring Committees and Related Clinical Trial Oversight Activities

Chair Data Monitoring Committee "Prospective, Randomised, Controlled Phase 2 Pilot Study Investigating the Haemostatic Efficacy and Safety of Fibrinogen Concentrate (Octafibrin) and Cryoprecipitate as Fibrinogen Supplementation Sources in Patients Undergoing Cytoreductive Surgery for Pseudomyxoma Peritonei (FORMA-05)" Octapharma AG Lachen, Switzerland	2016 -
Chair Independent Data Safety Monitoring Committee (IDSMC) FIBrinogen REplenishment in Surgery (FIBRES/FORMA-06) "Prospective, multi-center, randomized, active-control, non-inferiority study comparing fibrinogen concentrate with cryoprecipitate for the treatment of acquired hypofibrinogenemia in bleeding adult cardiac surgical patients" Toronto General Hospital/Octapharma AG Toronto, Canada	2016 -
Chair Data Monitoring Committee "A Randomized, Double-Blind, Placebo-Controlled Multiple Dose Study to Assess Efficacy, Safety, Tolerability, and Pharmacokinetics of ABBV-8E12 in Progressive Supranuclear Palsy" AbbVie Chicago, Illinois	2016 -
Member Data Monitoring Committee "DWI or CTP Assessment with Clinical Mismatch in the Triage of Wake-Up and Late Presenting Strokes Undergoing Neurointervention (DAWN)" Stryker Neurovascular Fremont, California	2016 - 2017
Chair Data and Safety Monitoring Committee (DSMC) "A Randomized, Double-Blind, Placebo-Controlled, Single Ascending Dose Study to Assess the Safety, Tolerability, and Pharmacokinetics of C2N-8E12 in Subjects with Progressive Supranuclear Palsy" C2N Diagnostics St. Louis, Missouri	2015 - 2016
Chair Data and Safety Monitoring Board "Adaptive Randomized Trial of Early Management Interventions for Sepsis in Uganda (ARTEMIS-Uganda)" US Naval Medical Research Center Frederick, Maryland	2014
Chair Data and Safety Monitoring Board "Prospective, open-label, uncontrolled, Phase III study to assess the efficacy and safety of <i>Octafibrin</i> for on-demand treatment of acute bleeding and to prevent bleeding during and after surgery in subjects with congenital fibrinogen deficiency" Octapharma AG Lachen, Switzerland	2014 - 2016

CONSULTING AND EDITORIAL ACTIVITIES (Continued):

Data Monitoring Committees and Related Activities (Continued)

Member Data and Safety Monitoring Board "Randomized Trial of Inhaled Nitric Oxide to Treat Acute Pulmonary Embolism" National Heart Lung and Blood Institute (NHLBI) Bethesda, Maryland	2013 - 2016
Chair Data and Safety Monitoring Board "L-Carnitine Treatment for Vasopressor Dependent Septic Shock" / 1 R01 GM103799 National Institute of General Medicine Sciences (NIGMS) Bethesda, Maryland	2012 - 2017
Member AppyScore Clinical Study Steering Committee AspenBio Pharma, Inc. Castle Rock, Colorado	2011 - 2012
Chair Data and Safety Monitoring Board "Prospective, Open-Label, Multi-Center, Phase III Clinical Study to Investigate The Efficacy and Safety of Human Factor VWF/VIII Concentrate (Wilate®) in Subjects with Inherited Type 3 Von Willebrand Disease (VWD) Who Undergo Major Surgical Procedures" Octapharma AG Lachen, Switzerland	2011 - 2014
Chair Data and Safety Monitoring Board "Fluid Therapy and Cerebral Injury in Pediatric Diabetic Ketoacidosis" / 5 R01 HD062417 Eunice Kennedy Shriver National Institute of Child Health & Human Development (NICHD) Bethesda, Maryland	2010 - 2015
Member Data and Safety Monitoring Board "Randomized Clinical Trial of Safety and Efficacy of Brain Tissue Oxygen Monitoring in the Management of Severe Traumatic Brain Injury" National Institute of Neurological Disorders and Stroke (NINDS) Bethesda, Maryland	2010 - 2012
Chair Data and Safety Monitoring Board New York Organ Donation Program New York, New York	2009 - 2011
Chair Data Monitoring Committee "A Phase IIa Multicenter, Randomized, Double-blind, Placebo-and Active-controlled, Parallel-Group Study to Evaluate the Safety and Efficacy of K-134 for the Treatment of Intermittent Claudication" Kowa Research Institute Morrisville, North Carolina	2008 - 2010

CONSULTING AND EDITORIAL ACTIVITIES (Continued):

Data Monitoring Committees and Related Activities (Continued)

Chair Data Monitoring Committee "A Randomized, Open-Label, Efficacy and Safety Study of Octaplex and Fresh Frozen Plasma (FFP) in Patients Under Vitamin K Antagonist Therapy with The Need for Urgent Surgery or Invasive Procedures" Octapharma USA Hoboken, New Jersey	2007 - 2013
Chair Data and Safety Monitoring Board "The Deferasirox (Exjade)-AmBisome Therapy for Mucormycosis Study" Los Angeles Biomedical Research Institute Torrance, California	2007 - 2010
Chair Data and Safety Monitoring Board "A Randomized Clinical Trial to Prevent Recurrent CA-MRSA Infection" / 5 U01 CI000384 National Center for Infectious Diseases (NCID) Centers for Disease Control and Prevention (CDC) Atlanta, Georgia	2006 - 2009
Chair Data and Safety Monitoring Board "Protocolized Care for Early Septic Shock (ProCESS)" / 5 P50 GM076659 National Institute of General Medical Sciences (NIGMS) Bethesda, Maryland	2006 - 2013
Chair Data and Safety Monitoring Board "Use of the Medtronic/TALENT (World Medical) Endoluminal Spring Stent-Graft System in Patients with Abdominal Aortic Aneurysms" Los Angeles Biomedical Research Institute Torrance, California	2004 - 2011
Chair Data and Safety Monitoring Board "PD2i Analysis of R-R Intervals in High-Risk ER Patients" Vicor Technologies, Inc. / NIH/NHLBI 1 R44 HL069563 Bangor, Pennsylvania	2003 - 2005
Chair Data and Safety Monitoring Board "A Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Effects of Darbepoetin Alfa on Exercise Tolerance in Patients with Chronic Obstructive Pulmonary Disease (COPD)" [Study terminated soon after initiation] Amgen Pharmaceuticals Thousand Oaks, California	2003 - 2004

CONSULTING AND EDITORIAL ACTIVITIES (Continued):

Data Monitoring Committees and Related Activities (Continued)

Senior Data and Safety Monitoring Advisor 2003 - 2010
Associate Data and Safety Monitoring Advisor 2001 - 2003
General Clinical Research Center Advisory Committee
Los Angeles Biomedical Research Institute
Torrance, California

Chair 1999 - 2000
Data Monitoring Committee
Protocol TAb0008-04: "A Randomized Placebo-Controlled Study of the Safety
and Efficacy of TriTAb in the Treatment of Tricyclic Antidepressant Toxicity"
[Study was never initiated]
Protherics, Incorporated
Nashville, Tennessee

Chair 1997 - 1998
Data Monitoring Committee
"Traumatic Hemorrhagic Shock Diaspirin Cross-Linked Hemoglobin Efficacy Trial"
Baxter Healthcare Corporation
Deerfield, Illinois

Editorial Activities

Senior Associate Editor 2006 - 2008
Senior Statistical Editor 1998 - 2006
Member, Editorial Board 1995 - 2008
Series Editor, Advanced Statistics Series 1995 - 2006
Consulting and Statistical Reviewer 1994 - 2008
Academic Emergency Medicine

Consulting Reviewer 1992 - 1993
American Journal of Emergency Medicine

Statistics and Methodology Editor 2008 - 2010
Statistical Editor 1995 - 2000
Consulting Reviewer 1990 - 2006
Annals of Emergency Medicine

Consulting Reviewer 1998 - 2010
Annals of Internal Medicine

Consulting Reviewer 1994
Biometrics

Consulting Reviewer 2004
BMC Medical Research Methodology

Consulting Reviewer 2007
Canadian Journal of Emergency Medicine

Consulting Reviewer 2000, 2008-2012,
Circulation 2014

CONSULTING AND EDITORIAL ACTIVITIES (Continued):

Editorial Activities (Continued)

Consulting Reviewer <i>Communications in Statistics</i>	1999
Consulting Reviewer <i>Controlled Clinical Trials</i>	1997
Co-Section Editor, JAMA Guides to Statistics and Methodology Statistical Reviewer Consulting Reviewer <i>JAMA</i>	2015 - 2007 - 1994 - 2007
Consulting Reviewer <i>Journal of the American Statistical Association</i>	2012
Consulting Reviewer <i>Journal of the Acquired Immune Deficiency Syndromes and Human Retrovirology</i>	1995 - 1996
Consulting Reviewer <i>Pharmaceutical Statistics</i>	2013
Consulting Reviewer <i>Statistics in Medicine</i>	2011 -
<i>National Academy of Medicine (NAM) Activities (formerly the Institute of Medicine)</i>	
External Reviewer NAM Report: Preventing Dementia and Cognitive Impairment	2017
Workshop Participant and Proceedings Reviewer Workshop on Developing Multimodal Therapies for Brain Disorders	2016
Member Committee on Clinical Trials During the 2014-2015 Ebola Outbreak	2016 - 2017
Member Committee on the Treatment of Cardiac Arrest: Current Status and Future Directions	2014 - 2016
External Reviewer IOM Report: "Prepositioning Antibiotics for Anthrax"	2011
External Reviewer IOM Report: "HIV Screening and Access to Care: Health Care System Capacity for Increased HIV Testing and Provision of Care"	2011
External Reviewer IOM Report: "HIV Screening and Access to Care: Exploring the Impact of Policies on Access to and Provision of HIV Care"	2010
External Reviewer IOM Report: "HIV Screening and Access to Care: Facilitators and Barriers to Expanded HIV Testing"	2010

CONSULTING AND EDITORIAL ACTIVITIES (Continued):

Editorial Activities (Continued)

National Academy of Medicine (NAM) Activities (formerly the Institute of Medicine) (Continued)

External Reviewer 2010
IOM Report: "Rare Diseases and Orphan Products: Accelerating Research and Development"

External Reviewer 2010
IOM Report: "Ethical Issues in Studying the Safety of Approved Drugs: A Letter Report"

External Reviewer 2004
Institute of Medicine (IOM) reports: "Toward Common Ground: Conventional and Complementary and Alternative Medicine (CAM) in America" and "Complementary and Alternative Medicine in the United States"

Consulting and Related Activities

External Expert, Scientific Evaluation Committee 2013
Institut National du Cancer (France)
Boulogne-Billancourt, France

Consultant 2012 - 2013
Applied Proteomics, Incorporated
San Diego, California

External Referee/Grant Reviewer 2011
Michael Smith Foundation for Health Research
Vancouver, British Columbia
Canada

Consultant 2010 - 2013
AspenBio Pharma, Inc. [Renamed Venaxis, Inc.]

Consultant 2007 - 2013
Octapharma USA

Consultant 2007 - 2009
Wyeth Research

Consultant 2006 - 2009
Indigo Orb, Incorporated

Member 2006
NXY-059 Ischemic Stroke Regulatory Advisory Board
AstraZeneca
Wilmington, Delaware

Consultant 2004 - 2006
TAP Pharmaceuticals, Inc.
Lake Forest, Illinois

CONSULTING AND EDITORIAL ACTIVITIES (Continued):

Consulting and Related Activities (Continued)

External Referee/Grant Reviewer 2005 - 2006
Canadian Institutes of Health Research (CIHR)
Ottawa, Ontario
Canada

Reviewer, Book Proposals 2004 - 2005
Springer Series in Statistics

Member 2003 - 2005
MPS VI Expert Advisory Panel
BioMarin Pharmaceuticals
Novato, California

Consultant, Waiver of Informed Consent 2001
TheraCardia, Inc.
"Feasibility Study Involving the TheraCardia Minimally Invasive Direct Cardiac
Massage (MID-CM) Device (CPT005)"

Member 2001
Emergency Medicine Advisory Group
SCIOS, Inc.
Sunnyvale, California

Abstract Reviewer 1996 - 2008
Society for Academic Emergency Medicine Annual Meeting

Abstract Reviewer 2007
International Conference on Emergency Medicine (ICEM)

Consultant 1990 - 1994
California Board of Medical Quality Assurance

SPECIALIZED CERTIFICATIONS:

Physician's Course in Undersea and Hyperbaric Medicine 1989
National Oceanographic and Atmospheric Administration
Undersea and Hyperbaric Medical Society
Seattle, Washington

Level I and Level II Certification in Emergency Department Ultrasound 2000
Department of Emergency Medicine
Harbor-UCLA Medical Center
Torrance, California

HONORS AND SPECIAL AWARDS:

Phi Beta Kappa Stanford University	1981
Sigma Xi Stanford University	1981
Rebecca L. Carrington Award [For undergraduate scholarship, service, and teaching in the Department of Physics] Stanford University	1981
Fellow American College of Emergency Physicians (ACEP)	1993
Weitzman Award [For biomedical research] Harbor-UCLA Medical Center	1999
Top Consultant 2002-2003 [For peer review; one of fifty chosen] Annals of Emergency Medicine	2004
Hal Jayne Academic Excellence Award Society for Academic Emergency Medicine (SAEM)	2005
Letter of Recognition for Outstanding Peer Review Annals of Internal Medicine	1999, 2004 - 2007
Member National Academy of Medicine (Formerly the Institute of Medicine of the National Academies)	2009 -
Special Contribution Award Society for Academic Emergency Medicine (SAEM)	2009
Award for Outstanding Contributions in Research American College of Emergency Physicians (ACEP)	2010
Thomas W. Teal Award for Excellence in Statistics Publishing Drug Information Association	2010
Fellow Society for Clinical Trials Philadelphia, Pennsylvania	2014

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RESEARCH GRANTS RECEIVED:

Principal Investigator Emergency Medicine Foundation (EMF) and the Society for Academic Emergency Medicine (SAEM) "Sequential Bayesian Analysis of Clinical Trials" Total Direct Costs: \$1060	1990 - 1991
Principal Investigator Emergency Medicine Foundation (EMF) "Career Development Award: (1) A Prospective Double-Blind Multicenter Clinical Trial of Phenytoin for the Prophylaxis of Early Post-Traumatic Seizures in Children: Efficacy and Neurologic Outcome; and (2) Optimal Clinical Trial Designs Based on Bayesian Decision Theory" Total Direct Costs: \$24,300	1993 - 1995
Coinvestigator Principal Investigator: Marianne Gausche, MD Los Angeles County EMS Agency (Subcontract) "A Prospective Randomized Study of the Effect of Prehospital Pediatric Intubation on Outcome" Total Direct Costs: \$200,003	1993 - 1995
Coinvestigator Principal Investigator: Marianne Gausche, MD Maternal and Child Health Bureau (MCHB) "A Prospective Randomized Study of the Effect of Prehospital Pediatric Intubation on Outcome" Total Direct Costs: \$254,910	1993 - 1995
Coinvestigator Principal Investigator: Mallory D. Witt, MD American Federation for AIDS Research (AmFAR) "Antifungal Susceptibility in Cryptococcal Meningitis" Total Direct Costs: \$36,900	1993 - 1994
Coinvestigator Principal Investigator: Mallory D. Witt, MD University of California Universitywide AIDS Research Program (UARP) "Fluconazole Susceptibility in Cryptococcal Meningitis" Total Direct Costs: \$54,850	1994 - 1995
Co-Sponsor (with Robert A. Wiebe, MD) Fellowship Applicant: Pamela J. Okada, MD National Research Service Award/Agency for Health Care Policy and Research (AHCPR) "Assessing Neurologic Outcome in Acutely Injured Children" / 1 F32 HS00091 Total Direct Costs: \$63,700	1994 - 1996
Coinvestigator Principal Investigator: Marianne Gausche, MD North Coast EMS Agency (Subcontract) "A Prospective Comparison of Rural and Urban Trauma Patient Care" Total Direct Costs: \$58,131	1995 - 1996
Principal Investigator University of California Universitywide AIDS Research Program (UARP) "Emergency Department Triage of HIV-Infected Patients" Total Direct Costs: \$70,052	1995 - 1997

RESEARCH GRANTS RECEIVED (Continued):

Coinvestigator Principal Investigator: Marianne Gausche, MD Los Angeles EMS Agency (Subcontract) "Prospective Randomized Study of the Effect of Prehospital Pediatric Endotracheal Intubation on Outcome" Total Direct Costs: \$142,882	1995 - 1998
Coinvestigator Principal Investigator: Marianne Gausche, MD Agency for Health Care Policy and Research (AHCPR) / 1 R01 HS09065 "Prehospital Pediatric Intubation and Patient Outcome" Total Direct Costs: \$337,929	1995 - 1997
Coinvestigator Principal Investigator: Marianne Gausche, MD Agency for Health Care Policy and Research (AHCPR) "Prehospital Pediatric Intubation and Patient Outcome" (Supplemental Grant) / 3 R01 HS09065 Total Direct Costs: \$56,271	1996 - 1997
Principal Investigator University of California Los Angeles AIDS Seed Grant Program "Emergency Department Triage of Ambulatory HIV-Infected Patients" Total Direct Costs: \$16,835 <i>Note: These funds were returned to the funding agency because of overlap with the grant entitled "Emergency Department Triage of HIV-Infected Patients" listed above.</i>	1995 - 1996
Principal Investigator Harbor-UCLA Clinical Study Site Parke-Davis Pharmaceuticals "Cost Analysis of the Routine Use of Parenteral IM Fosphenytoin Versus IV Fosphenytoin in the Management of Seizures within the Hospital Setting" Total Direct Costs: \$65,704	1996 - 1997
Chairman, Data Monitoring Committee Baxter Healthcare Corporation (Contract) "Traumatic Hemorrhagic Shock Diaspirin Cross-Linked Hemoglobin Efficacy Trial" Total Direct Costs: \$62,362	1997 - 1998
Coinvestigator Principal Investigator: Christian M. De Virgilio, MD American Heart Association - Greater Los Angeles Affiliate "Dipyridamole - Thallium/Sestamibi Prior to Vascular Surgery: A Prospective Blinded Study" Total Direct Costs: \$57,430	1997 - 1999
Coinvestigator Principal Investigator: Kelly D. Young, MD ViroPharma, Inc. (Contract) "A Multicenter, Double-blind, Placebo Controlled Trial of Pleconaril in the Treatment of Enteroviral Meningitis in Children and Adolescents" Total Direct Costs: \$37,840	1998 - 2000

RESEARCH GRANTS RECEIVED (Continued):

Coinvestigator Principal Investigator: Kelly D. Young, MD ViroPharma, Inc. (Contract) "A Multicenter, Double-blind, Placebo Controlled Trial of Pleconaril in the Treatment of Enteroviral Meningitis in Adolescents and Adults" Total Direct Costs: \$75,686	1998 - 2000
Principal Investigator Harbor-UCLA Clinical Study Site SYNSORB Biotech, Inc. (Contract) "SYNSORB Pk for the Prevention of HUS in Children" Total Direct Costs: \$35,481	1999 - 2001
Chairman, Data Monitoring Committee Protherics, Inc. (Contract) "A Randomized Placebo-Controlled Study of the Safety and Efficacy of TriTab in the Treatment of Tricyclic Antidepressant Toxicity" Total Direct costs: \$5,212	1999 - 2000
Coinvestigator Principal Investigator: Samuel J. Stratton, MD, MPH County of Los Angeles EMS Agency (Subcontract) "Prehospital Infant Assessment Project: An Outcome Study of Field Criteria for the Assessment of Infants" Total Direct Costs: \$99,563	2000 - 2001
Fellowship Director Fellowship Applicant: Craig D. Newgard, MD Emergency Medicine Foundation (EMF) "Validation of a Clinical Decision Rule for the Triage of Pediatric Patients in MVAs" Total Direct Costs: \$35,000 <i>Note: These funds were not accepted because duplicate funds were received from another extramural source.</i>	2000 - 2001
Fellowship Director Fellowship Applicant: Craig D. Newgard, MD Society for Academic Emergency Medicine (SAEM) "Validation of an EMS Triage Rule for Children in MVAs" Total Direct Costs: \$50,712	2000 - 2002
Sponsor/Fellowship Director Fellowship Applicant: Craig D. Newgard, MD National Research Service Award/Agency for Healthcare Research and Quality (AHRQ) "Validation of an EMS Triage Rule for Children in MVAs" / 1 F32 HS00148 Total Direct Costs: \$81,987	2000 - 2002
Mentor Award Recipient: Kelly D. Young, MD National Center for Research Resources (NCRR) "Mentored Patient-Oriented Research Career Development Award" / 5 K23 RR16180 Total Direct Costs: \$618,901	2000 - 2005

RESEARCH GRANTS RECEIVED (Continued):

Fellowship Director Fellowship Applicant: Jason S. Haukoos, MD Society for Academic Emergency Medicine (SAEM) "Effect of Incentives on Compliance with HIV Testing Referrals from the Emergency Department: An Application of the Health Belief Model" Total Direct Costs: \$50,000	2001 - 2002
Sponsor/Fellowship Director Fellowship Applicant: Jason S. Haukoos, MD National Research Service Award/Agency for Healthcare Research and Quality (AHRQ) "Enhancing Compliance with HIV Testing from the ED" / 1 F32 HS11509 Total Direct Costs: \$97,456	2001 - 2003
Coinvestigator Principal Investigator: James T. Niemann, MD Emergency Medicine Foundation (EMF) "Postresuscitation Cardiac Dysfunction: Role of TNF and the Effect of PDE III Inhibitors" Total Direct Costs: \$100,000	2001 - 2003
Consultant, Waiver of Informed Consent TheraCardia, Inc. (Contract) "Feasibility Study Involving the TheraCardia Minimally Invasive Direct Cardiac Massage (MID-CM) Device (CPT005)" Total Direct Costs: \$788	2001
Consultant Principal Investigator: George L. Foltin, MD Maternal and Child Health Bureau (MCHB) "Pediatric PHASE (PreHospital Arrest Survival Evaluation)" / 1 R40 MC00262 Total Direct Costs: \$663,749 Consultant Cost: \$1,700	2001 - 2004
Coinvestigator Principal Investigator: Marianne Gausche-Hill, MD American Academy of Pediatrics (AAP) (Subcontract) "Pediatrics Collaborative Care (PedsCare) Program" Total Direct Costs: \$487,292	2001 - 2005
Data and Safety Monitoring Advisor Principal Investigator: Gail V. Anderson, Jr MD National Center for Research Resources (NCRR) "General Clinical Research Center" / 2 M01 RR00425 Annual Total Direct Costs to Advisor only (2004-2005): \$67,706	2001 - 2006
Coinvestigator Principal Investigator: Craig D. Newgard, MD, MPH Southern California Injury Prevention Center "Validation of a Triage Rule for Children Involved in Motor Vehicle Collisions" Total Direct Costs: \$15,000	2002 - 2003
Coinvestigator Principal Investigator: Joan Arsanow, PhD Centers for Disease Control and Prevention Family Intervention for Suicidal Youth: Emergency Care Total Direct Costs: \$51,173 [Subcontract to Los Angeles Biomedical Research Institute from UCLA]	2002 - 2005

RESEARCH GRANTS RECEIVED (Continued):

Preceptor/Mentor Fellowship Applicant: Amy Kaji, MD Emergency Medicine Foundation (EMF) "Hospital Disaster Plans: Structure, Training, & Function" Total Direct Costs: \$9,805	2003 - 2004
Sponsor/Fellowship Director Fellowship Applicant: Amy Kaji, MD National Research Service Award/Agency for Healthcare Research and Quality (AHRQ) "Hospital Disaster Plans: Structure, Training, & Function" / 1 F32 HS013985 Total Direct Costs: \$57,954	2003 - 2004
Coinvestigator Principal Investigator: Gunter K. Rieg, MD Universitywide AIDS Research Program (UARP) "Screening for Asymptomatic STDs in HIV-Infected Men" Total Direct Costs: \$99,587	2003 - 2005
Consultant BioMarin Pharmaceuticals, Inc. (Contract) "BioMarin Clinical Trial Design Expert Panel" Total Direct Costs: \$6,630	2003 - 2005
Chairman, Data Safety Monitoring Board Vicor Technologies, Inc. (Contract) "PD2: Analysis of R-R Intervals in High-Risk ER Patients" Total Direct Costs: \$3,000	2003 - 2005
Coinvestigator Principal Investigator: James Menegazzi, PhD Principal Investigator (Subcontract) James T. Niemann, MD National Heart Lung and Blood Institute (NHLBI) "Derivation of Innovative Treatments for Cardiac Death" / 1 R21 HL077425 Total Direct Costs: \$239,535 [Parent Grant] Total Direct Costs of Subcontract to Los Angeles Biomedical Research Institute: \$45,792	2004 - 2006
Preceptor/Mentor Fellowship Applicant: Ari M. Lipsky, MD Emergency Medicine Foundation (EMF) "Multicenter Bayesian Decision-Theoretic Clinical Trials" Total Direct Costs: \$75,000	2005 - 2006
Preceptor/Mentor Fellowship Applicant: Michelle A. Charfen, MD Society for Academic Emergency Medicine (SAEM) "High Yield Predictors of Diabetes in ED Patients" Total Direct Costs: \$150,000	2005 - 2007
Coinvestigator Principal Investigator: Michelle A. Charfen, MD CReFF Award/General Clinical Research Center Harbor-UCLA "High Yield Predictors of Diabetes in ED Patients" / 2 M01 RR0425" Total Direct Costs: \$20,000	2005 - 2007

RESEARCH GRANTS RECEIVED (Continued):

Coinvestigator 2005 - 2009
Principal Investigator: James T. Niemann, MD
National Heart Lung and Blood Institute (NHLBI)
"Ischemic Arrest, Cytokines, and Organ Dysfunction" / 1 R01 HL076671
Total Direct Costs: \$1,000,000

Coinvestigator 2005 - 2007
Principal Investigator (Parent Grant): Thomas E. Lach
Principal Investigator (Subcontract): James T. Niemann, MD
National Heart Lung and Blood Institute (NHLBI)
"Life Belt CPR: Sternal Compression and Thoracic Constraint" / 2 R42 HL071378
Total Direct Costs (Parent Grant): \$1,310,505
Total Direct Costs (Subcontract): \$283,809

Data and Safety Monitoring Advisor 2006 - 2011
Principal Investigator: Gail V. Anderson, Jr MD
National Center for Research Resources (NCRR)
"General Clinical Research Center" / 2 M01 RR00425
Total Direct Costs: \$56,091,877
Annual Total Direct Costs to Advisor only (2006-2007): \$71,860

Coinvestigator 2006 - 2007
Principal Investigator: Ari M. Lipsky, MD, MS
CReFF Award/General Clinical Research Center Harbor-UCLA
"Innovative and Optimal Translational Clinical Trial Design" / 2 M01 RR00425
Total Direct Costs: \$20,000

Consultant 2006 - 2011
Principal Investigator: William G. Barsan, MD
National Institutes Neurologic Disease and Stroke (NINDS)
"Neurological Emergencies Treatment Trials Network: Clinical Coordinating Center" / 5 U01 NS056975
Total Direct Costs: \$21,367,808

Consultant 2007 - 2009
Indigo Orb, Incorporated (Contract)
"EpiSure Clinical Trial Design"
Total Direct Costs: \$11,674

Sponsor/Fellowship Director 2007 - 2009
Fellowship Applicant: Ari M. Lipsky, MD, MS
National Research Service Award/National Center for Research Resources (NCRR)
"Multicenter Bayesian Decision-Theoretic Clinical Trials" / 1 F32 RR022167
Total Direct Costs: \$125,450

Consultant 2007 - 2014
Octapharma USA (Contract)
"Design and Monitoring of LEX-205 Trial"
Total Direct Costs: \$94,894

Consultant 2007 - 2012
Principal Investigator: Lynn D. Richardson, MD
National Heart Lung and Blood Institute (NHLBI)
"Community Voices 2: Community Views on Informed Consent in Emergency Situations" /
2 R01 HL073387
Total Direct Costs: \$1,250,000

RESEARCH GRANTS RECEIVED (Continued):

Chair, Data and Safety Monitoring Board Principal Investigator: Loren G. Miller, MD National Center for Infectious Diseases (NCID) "A Randomized Trial to Prevent Recurrent CA-MRSA Infection" / 5U01CI000384 Total Direct Costs: \$1,155,385	2006 - 2009
Chair, Data and Safety Monitoring Board Principal Investigator: Derek C. Angus, MD National Institute of General Medical Sciences (NIGMS) "Protocolized Care for Early Septic Shock (ProCESS)" / 5P50GM076659 Total Direct Costs: \$445,363	2006 - 2014
Consultant Wyeth Research (Contract) "MOA-728" Total Direct Costs: \$45,435	2007 - 2009
Consultant Wyeth Research (Contract) "Sepsis and Inflammation" Total Direct Costs: \$1,225	2007 - 2009
Coinvestigator Principal Investigator: Marianne Gausche-Hill, MD Department of Health & Human Services/Maternal and Child Health Bureau "Evaluation of the Pediatric Assessment Triangle (PAT) as an Assessment Tool for Children in the Prehospital Setting" / H34MC08510 Total Direct Costs: \$436,807	2007 - 2010
Chair, Data Monitoring Committee Kowa Research Incorporated (Contract) "A Phase IIa Multicenter, Randomized, Double-blind, Placebo- and Active-controlled, Parallel-Group Study to Evaluate the Safety and Efficacy of K-134 for the Treatment of Intermittent Claudication" Total Direct Costs: \$31,400	2008 - 2011
Site Principal Investigator AspenBio Pharma (Contract) "Use of the AppyScore™ Test as an Adjunctive Tool in the Evaluation of Acute Appendicitis" Total Direct Costs: \$83,884	2009 - 2012
Consultant Venaxis, Inc. (Formerly AspenBioPharma) "Consultant: AppyScore™ Test" Total Direct Cost: \$54,226 (to March 2014)	2009 -
Preceptor/Mentor Fellowship Applicant: Heemun Kwok, MD Emergency Medicine Foundation "Efficient Clinical Trial Designs for Acute, Undifferentiated Stroke Syndromes" Total Direct Costs: \$75,000	2010 - 2011
Principal Investigator (Multiple PI grant) Other Principal Investigators: William G. Barsan, MD and Donald A. Berry, PhD National Institute of Neurological Disorders and Stroke (NINDS) "Accelerating Drug and Device Evaluation through Innovative Clinical Trial Design" / 1 U01NS073476 Total Direct Costs: \$1,451,534	2010 - 2014

RESEARCH GRANTS RECEIVED (Continued):

Chair, Data and Safety Monitoring Board 2010 - 2015
Principal Investigators: Nathan Kupperman, MD, MPH and Nicole S. Glaser, MD
Eunice Kennedy Shriver National Institute of Child Health & Human Development (NICHD)
"Fluid Therapy and Cerebral Injury in Pediatric Diabetic Ketoacidosis" / 5R01HD062417
Total Direct Costs: \$610,860 (FY2011)

Co-Leader, Biostatistics and Study Design 2011 - 2016
Principal Investigator: Steven M. Dubinett, MD
National Center for Research Resources (NCRR)
"UCLA Clinical and Translational Science Institute" / 1UL1RR033176
Total Costs: \$15,457,370 (FY2011)
Annual Total Direct Costs to Dr. Lewis: \$24,588

Chair, Data and Safety Monitoring Board 2012 - 2017
Principal Investigator: Alan E. Jones, MD
National Institute of General Medical Sciences
"L-Carnitine Treatment for Vasopressor Dependent Septic Shock" / 1 R01 GM103799
Total Direct Costs \$401,111 (FY2012)

Principal Investigator (Multiple PI grant) 2014 - 2019
Other Principal Investigators: Christopher S. Coffey, PhD, Laurie Gutmann, MD and
William J. Meurer, MD, MS
National Institute of Neurological Disorders and Stroke (NINDS)
"Enhancing Scientific Inquiry in Clinical Neurosciences Through Methodology Training" / 1R25NS088248
Total Direct Costs: \$438,258

Principal Investigator 2016
County of Los Angeles, Health Services Administration
"Conducting analysis of Los Angeles County Emergency Medical Systems including Trauma, STEMI, Receiving
Centers, Acute Stroke Centers, and Emergency Departments Approved for Pediatrics in order to improve patient
care and outcomes" / HS 16322855
Total Direct Costs: \$75,000

Principal Investigator (Multiple PI grant) 2017 -
Other Principal Investigators: Sidney Starkman, MD, Marianne Gausche-Hill, MD
[SIREN Grant]

RESEARCH GRANTS PENDING:

None

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INVITED LECTURES:

"Selected Topics in the Statistical Design and Analysis of Research Studies" Society for Academic Emergency Medicine, Annual Meeting Washington, DC	1991
"Selected Topics in the Statistical Design and Analysis of Research Studies" Emergency Medical Services for Children Projects Meeting Bethesda, Maryland	1992
"Clinical Trial Designs That Reduce the Required Sample Size" Society for Academic Emergency Medicine, Annual Meeting Toronto, Canada	1992
"The Use of Interim Data Analyses in Clinical Trials" Emergency Medical Services for Children Projects Meeting Bethesda, Maryland	1993
"Pelvic Fractures: Pitfalls in Diagnosis and Management" Emergency Medicine 1993/Symposia Medicus Puerto Vallarta, Mexico	1993
"Management of Septic Shock: Pitfalls and New Horizons" Emergency Medicine 1993/Symposia Medicus Puerto Vallarta, Mexico	1993
"An Introduction to Meta-Analysis" Society for Academic Emergency Medicine, Annual Meeting San Francisco, California	1993
"Research Methodology" Emergency Medical Services for Children Projects Meeting Washington, DC	1993
"Advanced Statistical Methods in Emergency Medicine Research" Society for Academic Emergency Medicine, Annual Meeting Washington, DC	1994
"An Introduction to Statistical Methods Used in Emergency Medicine Research" Society for Academic Emergency Medicine, Annual Meeting Washington, DC	1994
"Research Methodology" Emergency Medical Services for Children Projects Meeting Washington, DC	1995
"Multiple Comparisons" Society for Academic Emergency Medicine, Annual Meeting San Antonio, Texas	1995
"An Introduction to Statistical Methods Used in Emergency Medicine Research" Society for Academic Emergency Medicine, Annual Meeting San Antonio, Texas	1995

INVITED LECTURES (Continued):

"Designing Clinical Research" American College of Emergency Physicians, Scientific Assembly Washington, DC	1995
"An Introduction to Statistical Methods Used in Prehospital Research" Association of Air Medical Services, Annual Meeting Long Beach, California	1995
"An Introduction to Statistical Methods Used in Emergency Medicine Research" Society for Academic Emergency Medicine, Annual Meeting Denver, Colorado	1996
"An Introduction to Statistical Software" Society for Academic Emergency Medicine, Annual Meeting Denver, Colorado	1996
"Designing Clinical Research" American College of Emergency Physicians, Scientific Assembly New Orleans, Louisiana	1996
"Designing Clinical Research" Department of Emergency Medicine, Dallas Children's Hospital Dallas, Texas	1996
"Career Development: Defining and Meeting Your Academic Needs" Society for Academic Emergency Medicine, Annual Meeting Washington, DC	1997
"An Introduction to Statistical Methods Used in Emergency Medicine Research" Society for Academic Emergency Medicine, Annual Meeting Washington, DC	1997
"An Introduction to the Determination and Interpretation of Confidence Intervals" Society for Academic Emergency Medicine, Annual Meeting Washington, DC	1997
"A Bayesian Approach to the Analysis of a Randomized Prehospital Clinical Trial: Interim and Subgroup Analyses" Institute for Mathematics and Its Applications University of Minnesota Minneapolis, Minnesota	1997
"The Data Monitoring Committee and Exception From Informed Consent" FDA Meeting on Waiver of Informed Consent in Emergency Research Washington, DC	1997
"Designing Clinical Research" American College of Emergency Physicians, Scientific Assembly San Francisco, California	1997
"Surviving the Flood: Critical Appraisal of the Literature" [Panel Discussion] American College of Emergency Physicians, Scientific Assembly San Francisco, California	1997

INVITED LECTURES (Continued):

“An Introduction to the Statistical Tests Used in Emergency Medicine Research” Society for Academic Emergency Medicine Western Regional Meeting Steamboat Springs, Colorado	1998
“Randomized Clinical Trials: Design and Implementation” Pediatric Emergency Medicine Fellow’s Conference Washington, DC	1998
“An Introduction to Statistical Methods Used in Emergency Medicine Research” Society for Academic Emergency Medicine, Annual Meeting Chicago, Illinois	1998
“Power Analysis and Sample Size Determination: Concepts and Software Tools” Society for Academic Emergency Medicine, Annual Meeting Chicago, Illinois	1998
“Designing Clinical Research” American College of Emergency Physicians, Scientific Assembly San Diego, California	1998
“Should This Article Change the Way You Practice?” American College of Emergency Physicians, Scientific Assembly San Diego, California	1998
“Research with Persons who are Unable to Consent for Themselves” PRIM&R (Public Responsibility in Medicine and Research) Annual Meeting San Diego, California	1998
“Data Safety Monitoring Boards: The Hows, Whats and Whys” PRIM&R (Public Responsibility in Medicine and Research) Annual Meeting San Diego, California	1998
“Statistical Methodology for Emergency Medicine Research” Society for Academic Emergency Medicine Western Regional Meeting Redondo Beach, California	1999
“Field Research” [With Marianne Gausche, M.D.] Pediatric Emergency Medicine Fellow’s Conference Los Angeles, California	1999
“The Practicalities of Data Monitoring Committees for Major Clinical Trials: Some Dos and Don’ts and Why” [With Marian Fisher and Stuart Pocock] Society for Clinical Trials, Annual Meeting Anaheim, California	1999
“An Introduction to Statistical Methods Used in Emergency Medicine Research” Society for Academic Emergency Medicine, Annual Meeting Boston, Massachusetts	1999

INVITED LECTURES (Continued):

"Reliability and Validity" Society for Academic Emergency Medicine, Annual Meeting Boston, Massachusetts	1999
"Research Methodology" [With Marianne Gausche, M.D.] National Congress on Childhood Emergencies Baltimore, Maryland	2000
"Myths in Emergency Medicine Research" Society for Academic Emergency Medicine, New England Regional Meeting Amherst, Massachusetts	2000
"An Introduction to Statistical Methods Used in Emergency Medicine Research" Society for Academic Emergency Medicine, Annual Meeting San Francisco, California	2000
"Power Analysis and Sample Size Determination: Concepts and Software Tools" Society for Academic Emergency Medicine, Annual Meeting San Francisco, California	2000
"An Introduction to Classification and Regression Tree (CART) Analysis" Society for Academic Emergency Medicine, Annual Meeting San Francisco, California	2000
"Overseeing Clinical Trials: The Role and Function of Data Monitoring Committees" Society for Academic Emergency Medicine, Annual Meeting San Francisco, California	2000
"Waiver of Informed Consent: Practical Applications and Challenges" [Panel] Society for Academic Emergency Medicine, Annual Meeting San Francisco, California	2000
"Statistics: How to Make it Stick" Society for Academic Emergency Medicine, Western Regional Meeting Newport Beach, California	2001
"Introduction to Bayesian Statistics" Pediatric Emergency Medicine Fellow's Conference Los Angeles, California	2001
"Questions to be Asked Regarding Outcome Measures" APA/AHRQ Conference on Improving Emergency Medical Services for Children through Outcomes Research Reston, Virginia	2001
"Introduction to Statistics" Society for Academic Emergency Medicine, Annual Meeting Atlanta, Georgia	2001
"The Analysis of 2 × 2 Tables: Odds, Likelihood, and Other Useful and Confusing Terms" Society for Academic Emergency Medicine, Annual Meeting Atlanta, Georgia	2001

INVITED LECTURES (Continued):

"Lunch with Experts" [Panel Member] Society for Academic Emergency Medicine, Annual Meeting Atlanta, Georgia	2001
"An Introduction to Classification and Regression Tree Analysis" 3 rd National Congress on Childhood Emergencies Dallas, Texas	2002
"Myths in Emergency Medicine Research" [Research Day Keynote Address] Department of Emergency Medicine Indiana University School of Medicine Indianapolis, Indiana	2002
"Introduction to Statistics" Society for Academic Emergency Medicine, Annual Meeting St. Louis, Missouri	2002
"Introduction to Bayesian Statistics" Society for Academic Emergency Medicine, Annual Meeting St. Louis, Missouri	2002
"Funding of Emergency Medicine Research" [President's Address] Society for Academic Emergency Medicine, Annual Meeting St. Louis, Missouri	2002
"First Annual Rudberg Visiting Professorship: Fundamentals of Clinical Research" Children's Medical Center of Dallas Dallas, Texas Overview of Clinical Research Methodology Introduction to Statistical Analysis Mechanics and Pitfalls in Research Implementation Power Analysis and Sample Size Determination Reliability and Validity The Intention to Treat Principle Data Safety Monitoring and Interim Data Analysis	2002
"Determining if Data and Safety Monitoring Committee Reports Should be Blinded" Barnett International Philadelphia, Pennsylvania	2002
"Selecting Outcome Measures for Research" Pediatric Academic Societies, Annual Meeting Seattle, Washington	2003
"Introduction to Statistics" Society for Academic Emergency Medicine, Annual Meeting Boston, Massachusetts	2003
"Academic Emergency Medicine and the Tragedy of the Commons" [President's Address] Society for Academic Emergency Medicine, Annual Meeting Boston, Massachusetts	2003

INVITED LECTURES (Continued):

"Ethics and Human Subjects Issues in Research: Data and Safety Monitoring in Clinical Studies" Second Mediterranean Emergency Medicine Congress (MEMC II) Sitges, Spain	2003
"Emergency Medicine Basic Research Skills Workshop" American College of Emergency Physicians Dallas, Texas Introduction to Statistical Analysis Confidence Intervals Introduction to Logistic Regression A Few Mechanics of Research Implementation Reliability and Validity Assessment Intention-to-Treat Principle Interim Data Analysis	2003
"Myths in Emergency Medicine Research" New York Regional Meeting of the Society for Academic Emergency Medicine New York, New York	2004
"Introduction to Statistics" Society for Academic Emergency Medicine, Annual Meeting Orlando, Florida	2004
"Oversight and Monitoring of Ongoing Clinical Research" Society for Academic Emergency Medicine, Annual Meeting Orlando, Florida	2004
"Responsible Conduct of Research Series: Integrity in Research" [With Drummond Rennie, MD and Jill Baren, MD] Society for Academic Emergency Medicine, Annual Meeting Orlando, Florida	2004
"Mechanics and Pitfalls in Clinical Research Implementation" Pediatric Emergency Care Research Workshop National Association of EMS Physicians/EMSC Meeting Naples, Florida	2005
"Research Without Consent: Practical and Ethical Issues" [With Kathryn Chaloner, PhD, William Clarke, PhD, Susan Ellenberg, PhD, Charles McCarthy, PhD, and Michael Walker, MD] American Association for the Advancement of Science, 2005 AAAS Annual Meeting Washington, DC	2005
"Research in EMS" [With Marianne Gausche-Hill, MD] Pediatric Emergency Medicine Fellows' Conference Marina del Rey, California	2005
"Introduction to Statistics" Society for Academic Emergency Medicine, Annual Meeting New York, New York	2005

INVITED LECTURES (Continued):

"An Introduction to the NIH Roadmap" [Panel presentation with Lance Becker, MD, and Myron Weisfeldt, MD] Society for Academic Emergency Medicine, Annual Meeting New York, New York	2005
"Experiences with Exception from Informed Consent" [Panel presentation with Lynne Richardson, MD, and Terri Schmidt, MD] Society for Academic Emergency Medicine, Annual Meeting New York, New York	2005
"Talking to Your Statisticians: Understanding Enough Statistics to Ask the Right Questions" Third Mediterranean Emergency Medicine Congress (MEMC III) Nice, France	2005
"Publication Strategies: Dealing with Rejection or Recycling Your Work Based on Advice of Reviewers" Third Mediterranean Emergency Medicine Congress (MEMC III) Nice, France	2005
"Clinical Trial Designs: Tacit and Questionable Assumptions" Visiting Professorship Department of Biostatistics, Boston University School of Public Health Boston, Massachusetts	2006
"Introduction to Statistics" Society for Academic Emergency Medicine Annual Meeting San Francisco, California	2006
"Missing data: What Are You Missing?" [Presentation with Craig D. Newgard, MD, MPH and Jason S. Haukoos, MD, MS] Society for Academic Emergency Medicine Annual Meeting San Francisco, California	2006
"Mechanics and Pitfalls in Clinical Research Implementation" Pediatric Emergency Care Research Workshop National Association of EMS Physicians/EMSC Meeting Naples, Florida	2007
"Statistical Things you Should Know, But Will Not Hear Elsewhere" Pediatric Emergency Medicine Fellows' Conference Miami, Florida	2007
"Classification and Regression Tree Analysis" and "Introduction to Statistics" Visiting Professorship Department of Emergency Medicine, Rhode Island Hospital Providence, Rhode Island	2007
"Introduction to Statistics" Society for Academic Emergency Medicine Annual Meeting Chicago, Illinois	2007

INVITED LECTURES (Continued):

"Adaptive Clinical Trials" [Presentation with Ari M. Lipsky, MD, MS] Society for Academic Emergency Medicine Annual Meeting Chicago, Illinois	2007
"Does Industry-Sponsored Research Have A Legitimate Role in Emergency Medicine? " [Debate with Charles Cairns, MD] Society for Academic Emergency Medicine Annual Meeting Chicago, Illinois	2007
"Advice and Best Practices/Panel of Experienced DMC Chairs and Members" [Panel discussion with Charles Du Mond, PhD and Jonathan Seltzer, MD] 2 nd Data Monitoring Committees Conference Exl Pharma San Francisco, California	2007
"Utilities in Clinical Trials" Conference on Bayesian Biostatistics MD Anderson Cancer Center Houston, Texas	2008
"Emergency Medicine and the Tragedy of the Commons" Emergency Medicine Grand Rounds Denver Health Denver, Colorado	2008
"Introduction to Statistics" Pediatric Emergency Medicine Fellows' Conference Marina del Rey, California	2008
"Introduction: Conference on 'Emergency Care Research Networks'" Society for Academic Emergency Medicine Annual Meeting Washington DC	2008
"Summary: Conference on 'Emergency Care Research Networks'" Society for Academic Emergency Medicine Annual Meeting Washington DC	2008
"Introduction to Statistics" Society for Academic Emergency Medicine Annual Meeting Washington DC	2008
"Adaptive Clinical Trial Design: Short Course" Society for Clinical Trials Annual Meeting Atlanta, Georgia	2009
"Introduction to Statistics" Society for Academic Emergency Medicine Annual Meeting New Orleans, LA	2009
"Application of Bayesian Concepts in Clinical Decision Making" Center for Medicare and Medicaid Services Baltimore, Maryland	2009

INVITED LECTURES (Continued):

“Statistical Aspects of Peer Review in Emergency Medicine” Fifth Mediterranean Emergency Medicine Congress (MEMC V) Valencia, Spain	2009
“Getting an EKG Before Giving Haloperidol” Fifth Mediterranean Emergency Medicine Congress (MEMC V) Valencia, Spain	2009
“Some Key Characteristics of Successful Grants” [Panel Discussion] American College of Emergency Physicians, Research Forum Boston, Massachusetts	2009
“Highlights from the NIH Roundtables on Emergency Care Research” [Panel Discussion] American College of Emergency Physicians, Research Forum Boston, Massachusetts	2009
“Tragedy of the Commons” Department of Emergency Medicine Grand Rounds Oregon Health & Science University Portland, Oregon	2010
“An Example of Decision Analysis: What Type of Trial to Run” FDA/MTLI Medical Devices and IVD Statistics Workshop Washington, DC	2010
“Short Course: Adaptive Clinical Trials” Annual Meeting of the Society for Clinical Trials Baltimore, Maryland	2010
“Advanced Principles of Biostatistics that Everyone Should Know” Society for Academic Emergency Medicine Annual Meeting Phoenix, Arizona	2010
“Individual and Regulatory Decision Analysis” FDA Conference on Using Quantitative Decision Analysis for the Regulation of Medical Devices Silver Spring, Maryland	2010
“Comparative Effectiveness Research in Critical Illness and Injury Organization” Annual Fall Meeting of the US Critical Illness and Injury Trials Group Bethesda, Maryland	2010
“Bayesian Methods” Robert Wood Johnson Foundation Physician Faculty Scholar Program Conference on Comparative Effectiveness Research Menlo Park, California	2011
“Advances in Clinical Trial Design and Pragmatic Trials” Robert Wood Johnson Foundation Physician Faculty Scholar Program Conference on Comparative Effectiveness Research Menlo Park, California	2011

INVITED LECTURES (Continued):

“Short Course: Adaptive Clinical Trials” Annual Meeting of the Society for Clinical Trials Vancouver, Canada	2011
“Discussion: Randomization Strategies for Large Clinical Trials” Annual Meeting of the Society for Clinical Trials Vancouver, Canada	2011
“Introduction to Hierarchical and Multilevel Modeling” [Presentation with Heemun Kwok, MD, MS] Society for Academic Emergency Medicine Annual Meeting Boston, Massachusetts	2011
“Data and Safety Monitoring” Good Clinical Practice Webinar Series Research Centers in Minority Institutions Translational Research Network Webinar	2011
“Adaptive Clinical Trials” 2011 Clinical and Translational Research Workshop Cedars-Sinai Medical Center/Samuel Oschin Comprehensive Cancer Institute Los Angeles, California	2011
“Clinical Research Design: Study Designs” Science Education in Emergency Medicine Karolinska Institute Stockholm, Sweden	2011
“Clinical Research Design: Statistical Concepts” Science Education in Emergency Medicine Karolinska Institute Stockholm, Sweden	2011
“A Brief Introduction to Decision Analysis and Regulatory Decision Making” [With David Chan, MD, MSc and Telba Irony, PhD] Center for Devices and Radiological Health, Food and Drug Administration Washington, DC	2011
“Perspectives on the NHLBI Research Career Development Program in Emergency Medicine Research” American College of Emergency Physicians, Research Forum San Francisco, California	2011
“InFACT/ISARIC: Adaptive Clinical Trials” InFACT/ISARIC Steering Committee Meeting Pittsburgh, Pennsylvania	2011
“An Introduction to Adaptive Clinical Trial Design” International Stroke Conference, American Heart Association New Orleans, Louisiana	2012
“The Bayesian Adaptive Design Process: Components, Teamwork, and Simulation” Conference on Adaptive Designs in Clinical Drug Development London, England	2012

INVITED LECTURES (Continued):

"Overview of Adaptive Clinical Trial Designs" Translational Science 2012 Washington, DC	2012
"Flexible Foundations for a Medical Research Career" Annual Meeting of the American Physician Scientists Association Chicago, Illinois	2012
"Adaptive Clinical Trials" The International Sepsis Forum 2012 Stephen F. Lowry Colloquium National Institutes of Health Bethesda, MD	2012
"Introduction to Statistics" Society for Academic Emergency Medicine Annual Meeting Chicago, Illinois	2012
"Follow Up to the NIH Emergency Research Roundtables" Society for Academic Emergency Medicine Annual Meeting Chicago, Illinois	2012
"Perspectives on the NHLBI Research Career Development Program in Emergency Medicine Research" Society for Academic Emergency Medicine Annual Meeting Chicago, Illinois	2012
"Adaptive Designs for Clinical Trials" Society for Academic Emergency Medicine Annual Meeting Chicago, Illinois	2012
"Short Course: Adaptive Clinical Trials" Annual Meeting of the Society for Clinical Trials Miami, Florida	2012
"How to Perform a Structured Retrospective Chart Review" 6 th Dutch North Sea Emergency Medicine Conference Egmond aan Zee, Netherlands	2012
"Advantages and Disadvantages of Multicenter Research Collaboration" 6 th Dutch North Sea Emergency Medicine Conference Egmond aan Zee, Netherlands	2012
"How to Balance Academic and Clinical Responsibilities" 6 th Dutch North Sea Emergency Medicine Conference Egmond aan Zee, Netherlands	2012
"Introduction to Adaptive Clinical Trial Designs" PRIM&R Webinar Series Internet Webinar	2012
"Adaptive and Bayesian Trial Design in Emergency Medicine Research" 2012 International Conference on Emergency Medicine (ICEM 2012) Dublin, Ireland	2012

INVITED LECTURES (Continued):

"Incorporating Clinical Perspectives into the Design of Adaptive Clinical Trial: Process and Impact" Joint Statistical Meetings San Diego, California	2012
"Bayesian Hierarchical Models in Adaptive Clinical Trials Aiming to Generate Pediatric Efficacy Data" ASA Biopharmaceutical Section FDA-Industry Statistics Workshop Washington DC	2012
"Adaptive Clinical Trials: Preserving the Flexibility to do the Right Thing" Presented as part of panel entitled "An Introduction to Flexible Adaptive Clinical Trial Designs: Implications for IRB Review and Informed Consent" with Donald A. Berry, PhD and William J. Meurer, MD, MS PRIM&R Annual Meeting San Diego, California	2012
"An Overview of Bayesian Adaptive Clinical Trial Design" Bayesian Methods in Biostatistics and Bioinformatics Barcelona Institute for Research in Biomedicine Barcelona, Spain	2012
"A Brief Introduction to Adaptive Clinical Trials" Comparative Effectiveness Research Key Function Committee Clinical and Translational Science Award CTSA Consortium Internet Webinar	2013
"An Introduction to Adaptive Clinical Trials" Adaptive Clinical Trials in Drug Development 2013 Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics (ASCPT) Indianapolis, Indiana	2013
"The Motivation, Promise, and Success of Bayesian Adaptive Trial Design" Conference on Adaptive Designs in Clinical Trials London, England	2013
"An Introduction to Flexible Adaptive Designs" Design-It 2013 Bethesda, Maryland	2013
"The NIH Office of Emergency Care Research" 2013 Western Regional Meeting of the Society for Academic Emergency Medicine Long Beach, California	2013
"Use of a Bayesian Adaptive Trial Design for a Phase II Trial of L-Carnitine in Septic Shock" Visiting Professor, British Columbia Clinical Research Infrastructure Network Vancouver, British Columbia, Canada	2013
"The Motivation, Promise, and Success of Bayesian Adaptive Trial Design" Visiting Professor, British Columbia Clinical Research Infrastructure Network Vancouver, British Columbia, Canada	2013

INVITED LECTURES (Continued):

“Introduction to Statistics” SAEM Annual Meeting Atlanta, Georgia	2013
“Team Science in Research: What is the Role in Emergency Medicine” [With Chadwick Miller, MD, MS, Alan Storrow, MD, Gregory Fermann, MD] SAEM Annual Meeting Atlanta, Georgia	2013
“Asking the Question that Clinicians Want Answered within an Adaptive Comparative Effectiveness Trial” [With William J. Meurer, MD, MS and Jason T. Connor, PhD] SAEM Annual Meeting Atlanta, Georgia	2013
“Inauguration of the NIH Office of Emergency Care Research” [With Charles Cairns, MD, Walter Koroshetz, MD and Scott Somers, PhD] SAEM Annual Meeting Atlanta, Georgia	2013
“The ADAPT-IT Project: Real-World Design, Application, and Implementation of Adaptive Trials within NIH & FDA Settings” [With William J. Meurer, MD, MS, Yuko Palesch, PhD, and Robert O’Neill, PhD] Society for Clinical Trials Annual Meeting Boston, Massachusetts	2013
“An Introduction to Bayesian Adaptive Design” Novel Trial Design Workshop ANZICS Clinical Trials Group Wellington, New Zealand	2013
“Will Bayesian Adaptive Designs Work in the ICU?” Novel Trial Design Workshop ANZICS Clinical Trials Group Wellington, New Zealand	2013
“Time to Rethink Trial Design?” College of Intensive Care Medicine 2013 Annual Scientific Meeting Wellington, New Zealand	2013
“An Introduction to Bayesian Adaptive Clinical Trial Design” Oregon Institute for Patient-Centered Comparative Effectiveness Annual Research Institute Portland, Oregon	2013
Panel Speaker “Diverse Applications of Statistics: Are We Doing Enough in Creating Visibility?” Joint Statistical Meetings Montreal, Canada	2013
“Adaptive Clinical Trials” 12 th Setouuhi International Conference on Clinical Trials Matsuyama, Ehime, Japan	2013

INVITED LECTURES (Continued):

“Clinical and Bayesian Perspectives on Subgroups in Clinical Trials” 7 th Annual Bayesian Biostatistics & Bioinformatics Conference Houston, Texas	2014
“Ethical and Statistical Considerations for Comparative Effectiveness Research in the Emergency Care Setting” Ethical and Regulatory Challenges to Emergency Care Research Office of Emergency Care and Division of Bioethics National Institutes of Health Bethesda, Maryland	2014
“The Collaborative Adaptive Clinical Trial Design Process: Teamwork Informed by Simulation” Conference on Adaptive Designs in Clinical Trials London, England	2014
“Identifying and Exploiting Opportunity for Efficiency in Clinical Trial Design: A Interactive Adaptive Design Workshop” Conference on Adaptive Designs in Clinical Trials London, England	2014
“Accelerative Drug and Device Evaluation through Innovative Clinical Trial Design” NIH-FDA Workshop on Advancing Regulatory Science US Food and Drug Administration Silver Spring, Maryland	2014
“Independent Data Monitoring Committees Recommendations for Trials with an Adaptive Design: What, How, and to Whom?” [Course Instructor with: Marian Fisher, PhD and Paul Gallo, PhD] Annual Meeting of the Society for Clinical Trials Philadelphia, Pennsylvania	2014
“Embedding Adaptive Learning in Healthcare Systems” Annual Research Meeting, Academy Health San Diego, California	2014
“DSMBs and the Clinical Monitoring of Trials” [With Robin Conwit, MD] NINDS Clinical Trials Methodology Course Iowa City, Iowa	2014
“What Does an IRB do?” NINDS Clinical Trials Methodology Course Iowa City, Iowa	2014
“Why Adaptive Trials are Important and Pragmatic Trials are Overrated” Research Forum, American College of Emergency Physicians Chicago, Illinois	2014
“An Introduction to Adaptive Clinical Trials” Canadian Critical Care Trials Group Annual Meeting Lake Louise, Canada	2015

INVITED LECTURES (Continued):

"An Industry Perspective on the 5th Anniversary of the Guidance on the Use of Bayesian Statistics in Medical Device Clinical Trials" 2015 DIA Joint Adaptive Design and Bayesian Statistics Conference: Drivers of Efficiency in Modern Medical Product Development Washington, DC	2015
"New Approaches to Clinical Trials" 35 th International Symposium on Intensive Care and Emergency Medicine Brussels, Belgium	2015
"Statistics for Dummies" 35 th International Symposium on Intensive Care and Emergency Medicine Brussels, Belgium	2015
"The Pragmatic Clinical Trial in a Learning Healthcare System" 8th Annual Conference on Statistical Issues in Clinical Trials University of Pennsylvania Philadelphia, Pennsylvania	2015
"Introduction to Statistics" Annual Meeting of the Society for Academic Emergency Medicine San Diego, California	2015
"Adaptive Clinical Trial Designs Beyond Theory into Reality: An Interactive Workshop" [Course Instructor with William Meurer, MD, John Scott, PhD, Greg Campbell, PhD, Jason Connor, PhD, and Scott Berry, PhD] Annual Meeting of the Society for Clinical Trials Arlington, Virginia	2015
"Platform Trials in Patient-Centered Outcomes Research" PCORI Workshop: Trial Simulation and Platform Trials Washington, DC	2015
"What Does an IRB do?" NINDS Clinical Trials Methodology Course Ann Arbor, Michigan	2015
"DSMBs and the Clinical Monitoring of Trials" [With Robin Conwit, MD] NINDS Clinical Trials Methodology Course Ann Arbor, Michigan	2015
"Adaptive Clinical Trials" Clinical and Translational Research Workshop Cedars-Sinai Medical Center Los Angeles, California	2015
"Discussion: Benefit-Risk Assessment for Medical Products and Diagnostics" Joint Statistical Meetings Seattle, Washington	2015

INVITED LECTURES (Continued):

"DMCs and Adaptive Clinical Trials: Considerations in Balancing Safety and Trial Integrity" [Speaker with Greg Campbell, PhD and Tomas Cook, PhD] ASA Biopharmaceutical Section "FDA-Industry" Statistics Workshop Washington, DC	2015
"Innovative Approaches to Study Planning and Design: Power, Simulation and Adaptation" Conference on PCORI's Pragmatic Clinical Studies Initiative Portland, Oregon	2015
"Musings of a Research Methodologist or How to Think about Endodontics Outcomes Research" TDO Annual User Meeting and Scientific Session San Diego, California	2015
"An Introduction to Adaptive Clinical Trial Design" 2015 International Clinical Trials Symposium Australia Clinical Trials Alliance Sydney, Australia	2015
"An Introduction to Platform Trials" 2015 International Clinical Trials Symposium Australia Clinical Trials Alliance Sydney, Australia	2015
"Evaluating Innovative Trial Designs via Simulation" 2015 International Clinical Trials Symposium Australia Clinical Trials Alliance Sydney, Australia	2015
"Platform Trial Design: Replacing the Traditional RCT Approach to Obesity" Obesity Week 2015 Los Angeles, California	2015
"Adaptive and Platform Clinical Trials" GSK Statistics Conference Collegeville, Pennsylvania	2015
"Important Statistical Concepts for Emergency Physicians" Department of Emergency Medicine University of Pittsburgh Medical Center Pittsburgh, Pennsylvania	2016
"An Introduction to Adaptive Clinical Trials Design" Department of Emergency Medicine K12 Research Training Program University of Pittsburgh Medical Center Pittsburgh, Pennsylvania	2016
"An Introduction to Adaptive Clinical Trial Design" Western Regional Meeting of the Society for Academic Emergency Medicine Marina Del Rey, California	2016
"An Introduction to Platform Trials" Annual Meeting of the Society for Clinical Trials Montreal, Canada	2016

INVITED LECTURES (Continued):

“Adaptive Clinical Trials” Clinical and Translational Research Workshop: Clinical Protocol Development Cedars-Sinai Medical Center Los Angeles, California	2016
“Panel Discussion: Empowering Bayesians through the 21 st Century Cures Act” [With Lisa LaVange, PhD, Karen Price, PhD, and Steven Goodman, MD, PhD] Joint Statistical Meetings Chicago, Illinois	2016
“What do IRBs do?” NINDS Clinical Trials Methodology Course Ann Arbor, Michigan	2016
“DSMBs and the Clinical Monitoring of Trials” [With Robin Conwit, MD] NINDS Clinical Trials Methodology Course Ann Arbor, Michigan	2016
“An Introduction to Platform Trials” Antibiotic Resistance Leadership Group (ARLG) ADAPT Platform Trial Public Meeting Washington DC	2016
“Independent Data Safety Monitoring Committee (IDSMC)” Investigator Meeting Fibrinogen Replenishment in Surgery (FIBRES/FORMA-06) Trial Toronto General Hospital/Octapharma AG Toronto, Canada	2017
“SEPSIS-ACT: An Innovative Trial Design” Selepressin Evaluation Programme for Sepsis-Induced Shock—Adaptive Clinical Trial (SEPSIS-ACT) Investigators’ Meeting Ferring Pharmaceuticals Tampa, Florida	2017
“An Introduction to Platform Trials: Multicenter Transplant Alliance” Annual Meeting of the Multicenter Transplant Alliance Santa Monica, California	2017

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CONGRESSIONAL TESTIMONY

Congressional Testimony to the Committee on Oversight and Government Reform 2008
Hearing entitled "The lack of hospital emergency surge capacity: Will the Administration's
Medicaid regulations make it worse?, Day One"
Rayburn House Office Building
Washington, DC

INVITED LECTURES TO COMMUNITY GROUPS

"Harbor-UCLA Medical Center: Trauma Center for the South Bay" 2002
Palos Verdes Seniors
Palos Verdes, California

"Harbor-UCLA Medical Center: Trauma Center for the South Bay" 2002
Palos Verdes Rotary Club
Palos Verdes, California

"Life Saving Tips: Emergency Rooms and Trauma Centers" 2008
Smith Barney Client University 2008
Redondo Beach, California

"Harbor-UCLA Medical Center: A Resource for the South Bay" 2011
Los Angeles Biomedical Research Institute Foundation Community Program
Palos Verdes, California

MEDIA INTERVIEWS

Harbor-UCLA Medical Center 2002
Cox Cable Television

"Going Where the Emergency Is: HIV in the Emergency Room" 2002
CD Audio/Slide Course with: Catherine Creticos, MD, Alan Amberg,
John Lumpkin, MD, Nancy Glick, MD, Roger Lewis, MD,
David Slobotkin, MD, Mallory Witt, MD, and Leslie Zun, MD.
University of Chicago/Midwest AIDS Training and Education Center (MATEC)

"Talk of the Nation/Science Friday" 2006
[Interview regarding exception to informed consent in emergency
resuscitation research]
National Public Radio

"Emergency Department Crowding and Surge Capacity" 2008
Channel 7 News
Los Angeles, California

"Emergency Department Crowding and Surge Capacity" 2008
Channel 9 News
Los Angeles, California

Quoted in "Is Patient's 'Non-Compliance' Enough to Protect EPs Legally?" 2013
ED Legal Letter 2013;24:106-107.
AHC Media

OTHER PUBLIC PRESENTATIONS

“Public Presentation to FDA/CDRH Town Hall Meeting”
FDA/Center for Devices and Radiological Health (CDRH)
Irvine, California

2010

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4. **Lewis RJ**, Huang JH, Pecora R. Three Plasmids Constructed for the Production of Monodisperse Semi-Stiff DNA Samples. *Macromolecules* 1985;18:1530-1534.
5. **Lewis RJ**, Pecora R, Eden D. Transient Electric Birefringence Measurements of the Rotational and Internal Bending Modes in Monodisperse DNA Fragments. *Macromolecules* 1986;19:134-139.
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9. Ganesan AK, Seawell PC, **Lewis RJ**, Hanawalt PC. Processivity of T4 Endonuclease V is Sensitive to NaCl Concentration. *Biochemistry* 1986;25:5751-5755.
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13. Niemann JT, Cairns CB, Sharma J, **Lewis RJ**. Treatment of Prolonged Ventricular Fibrillation: Immediate Countershock Versus High Dose Epinephrine and CPR Preceding Countershock. *Circulation* 1992;85:281-287.
14. **Lewis RJ**, Yee L, Inkelis S, Gilmore D. Clinical Predictors of Post-Traumatic Seizures in Children with Head Trauma. *Annals of Emergency Medicine* 1993;22:1114-1118.
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16. Berera G, Berkowitz CD, **Lewis RJ**. Parental Recall After a Visit to the Emergency Department. *Clinical Pediatrics* 1994;33:194-201.

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A. RESEARCH PAPERS - PEER REVIEWED (Continued)

17. Gausche M, Persse DE, Sugarman T, Shea SR, Palmer GL, **Lewis RJ**, Brueske PJ, Mahadevan S, Melio FR, Kuwata JH, Niemann JT. Adenosine for the Prehospital Treatment of Paroxysmal Supraventricular Tachycardia (PSVT). *Annals of Emergency Medicine* 1994;24:183-189.
18. Sokolove PE, Mackey D, Wiles J, **Lewis RJ**. Exposure of Emergency Department Personnel to Tuberculosis: PPD Testing During an Epidemic in the Community. *Annals of Emergency Medicine* 1994;24:418-421.
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20. Grover G, Berkowitz CD, **Lewis RJ**, Thompson M, Berry L, Seidel JS. The Effects of Bundling on Infant Temperature. *Pediatrics* 1994;94:669-673.
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23. Panacek EA, **Lewis RJ**, for the SAEM Research Committee. Guidelines for Clinical Investigator Involvement in Industry-Sponsored Clinical Trials. *Academic Emergency Medicine* 1995;2:43-45.
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25. Biros MH, **Lewis RJ**, Olson CM, Runge JW, Cummins RO, Fost N. Informed Consent in Emergency Research: Consensus Statement from the Coalition Conference of Acute Resuscitation and Critical Care Researchers. *JAMA* 1995;273:1283-1287.
26. Gausche M, Rutherford M, **Lewis RJ**. Emergency Department Quality Assurance/Improvement Practices for the Pediatric Patient. *Annals of Emergency Medicine* 1995;25:804-808.
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28. Witt MD, **Lewis RJ**, Larsen RA, Milefchik EN, Leal MA, Haubrich RH, Richie JA, Edwards JE Jr, Ghannoum MA. Identification of Patients with Acute AIDS-Associated Cryptococcal Meningitis Who Can Be Effectively Treated with Fluconazole: The Role of Antifungal Susceptibility Testing. *Clinical Infectious Diseases* 1996;22:322-328.
29. Budoff MJ, Georgio D, Brody A, Agatston AS, Kennedy J, Wolfkiel C, Stanford W, Shields P, **Lewis RJ**, Janowitz WR, Rich S, Brundage BH. Ultrafast Computed Tomography as a Diagnostic Modality in the Detection of Coronary Artery Disease: A Multicenter Study. *Circulation* 1996;93:898-904.
30. de Virgilio C, Pak S, Arnell T, Donayre C, **Lewis RJ**, Stabile BE, White R. Cardiac Assessment Prior to Vascular Surgery: Is Dipyridamole-Sestamibi Necessary? *Annals of Vascular Surgery* 1996;10:325-329.

PUBLICATIONS (Continued):

A. RESEARCH PAPERS - PEER REVIEWED (Continued)

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32. Aghababian RV, Barson WG, Bickell WH, Biros MH, Brown CG, Cairns CB, Callaham ML, Carden DL, Cordell WH, Dart RC, Dronen SC, Garrison HG, Goldfrank LR, Hedges JR, Kelen GD, Kellerman AL, Lewis LM, **Lewis RJ**, Ling LJ, Marx JA, McCabe JB, Sanders AB, Schriger DL, Sklar DP, Valenzuela TD, Waeckerle JF, Wears RL, White JD, Zalenski RJ. Research Directions in Emergency Medicine. *Annals of Emergency Medicine* 1996;27:339-342. [*This is a simultaneous publication of the reference above.*]
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36. Baren JM, Henneman PL, **Lewis RJ**. Primary Varicella in Adults: Pneumonia, Pregnancy, and Hospital Admission. *Annals of Emergency Medicine* 1996;28:165-169.
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38. Frank BS, **Lewis RJ**. Experience with Intubated Patients Does Not Affect the Accidental Extubation Rate in Pediatric Intensive Care Units and Intensive Care Nurseries. *Pediatric Pulmonology* 1997;23:424-428.
39. de Virgilio C, Toosie K, Arnell T, **Lewis RJ**, Donayre CE, Baker JD, Melany M, White RA. Asymptomatic Carotid Artery Stenosis Screening in Patients with Lower Extremity Atherosclerosis: A Prospective Study. *Annals of Vascular Surgery* 1997;11:374-377.
40. Biros MH, Barson WG, **Lewis RJ**, Sanders AB. Supporting Emergency Medicine Research: Developing the Infrastructure. *Academic Emergency Medicine* 1998;5:177-184.
41. Biros MH, Barson WG, **Lewis RJ**, Sanders AB. Supporting Emergency Medicine Research: Developing the Infrastructure. *Annals of Emergency Medicine* 1998;31:188-196. [*This is a simultaneous publication of the reference above.*]

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A. RESEARCH PAPERS - PEER REVIEWED (Continued)

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45. Gausche M, Tadeo RE, Zane MC, **Lewis RJ**. Out-of Hospital Intravenous Access: Unnecessary Procedures and Excessive Cost. *Academic Emergency Medicine* 1998;5:878-882.
46. Lewis LM, **Lewis RJ**, Younger JG, Callaham M. Research Fundamentals: I. Getting from Hypothesis to Manuscript: An Overview of the Skills Required for Success in Research. *Academic Emergency Medicine* 1998;5:924-929.
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50. Queen HF, Tapfumaneyi C, **Lewis RJ**. The Rising Incidence of Serious Chloroquine Overdose in Harare, Zimbabwe: Emergency Department Surveillance in the Developing World. *Tropical Doctor* 1999;29:139-141.
51. Grover G, Berkowitz CD, **Lewis RJ**. The Clinical Utility of the Rectal-Skin Temperature Difference in the Assessment of Young Infants. *Academic Emergency Medicine* 1999;6:900-905.
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PUBLICATIONS (Continued):

A. RESEARCH PAPERS - PEER REVIEWED (Continued)

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56. Chang L, Lo S, Stabile BE, **Lewis RJ**, Toosie K, de Virgilio C. Preoperative Versus Postoperative Endoscopic Retrograde Cholangiopancreatography in Mild to Moderate Gallstone Pancreatitis: A Prospective Randomized Trial. *Annals of Surgery* 2000;231:82-87.
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A. RESEARCH PAPERS - PEER REVIEWED (Continued)

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82. de Virgilio C, Bui H, Donayre C, Ephraim L, **Lewis RJ**, Elbassir M, Stabile BE, White R. Endovascular versus Open Aortic Aneurysm Repair: A Comparison of Cardiac Morbidity and Mortality. Abstract presented at the 70th Annual Session of the Pacific Coast Surgical Association.
83. Newgard CD, Jolly BT, **Lewis RJ**. Use of Prehospital Variables to Predict Severity of Injury in Pediatric Patients Involved in Motor Vehicle Collisions. Abstract presented at the 1999 Meeting of the Ambulatory Pediatric Association.
84. Newgard CD, Jolly BT, **Lewis RJ**. Use of Prehospital Variables to Predict Severity of Injury in Pediatric Patients Involved in Motor Vehicle Collisions. Abstract presented at the 1999 Annual Meeting of the Society for Academic Emergency Medicine in Boston, Massachusetts. *Academic Emergency Medicine* 1999;6:447-448.

PUBLICATIONS (Continued):

N. ABSTRACTS (Continued)

85. Niemann JT, Burian D, Garner D, **Lewis RJ**. Monophasic Versus Biphasic Waveform Transthoracic Countershock After Prolonged VF in a Swine Model: A Comparison of Shock Efficacy and Postshock Rhythm. Abstract presented at the 1999 Annual Meeting of the Society for Academic Emergency Medicine in Boston, Massachusetts. *Academic Emergency Medicine* 1999;6:454.
86. Niemann JT, Burian D, Garner D, **Lewis RJ**. Ventricular Function After Conventional Monophasic and Low Energy Biphasic Countershock of Prolonged VF. Abstract presented at the 1999 Annual Meeting of the Society for Academic Emergency Medicine in Boston, Massachusetts. *Academic Emergency Medicine* 1999;6:456.
87. Newgard CD, Jolly BT, **Lewis RJ**. Use of Prehospital Variables to Predict Severity of Injury in Pediatric Patients Involved in Motor Vehicle Collisions. Abstract presented at the 1999 SAEM Western Regional Conference in Redondo Beach, California.
88. Milligan LD, Gausche M, Goodrich SM, Poore PD, **Lewis RJ**. Out-of-Hospital Management of Foreign Body Aspiration in Children. Abstract presented at the 1999 Research Forum of the American College of Emergency Physicians in Las Vegas, Nevada. *Annals of Emergency Medicine* 1999;34:S95.
89. Coil CJ, Witt MD, **Lewis RJ**. Performance of an Emergency Department HIV Testing Referral Program. Abstract presented at the 1999 Meeting of the UCLA AIDS Institute in Los Angeles, California.
90. Meek K, Toosie K, Stabile BE, Elbassir M, Murrell Z, **Lewis RJ**, Chang L, de Virgilio C. Simplified Admission Criterion for Predicting Severe Complications of Gallstone Pancreatitis. Abstract presented at the 2000 Annual Meeting of the Pacific Coast Surgical Association in San Francisco, California.
91. Newgard CD, **Lewis RJ**. Use of Prehospital Variables to Predict Significant Spinal Injury in Children Involved in Motor Vehicle Collisions. Abstract presented at the 2000 Annual Meeting of the Society for Academic Emergency Medicine in San Francisco, California. *Academic Emergency Medicine* 2000;7:480. [See N-98 for correction]
92. Cruz B, Niemann JT, Garner D, **Lewis RJ**. Sequential Thoraco-Cardiac Compression CPR: Preliminary Hemodynamic Evaluation of a New CPR Device. Abstract presented at the 2000 Annual Meeting of the Society for Academic Emergency Medicine in San Francisco, California. *Academic Emergency Medicine* 2000;7:448.
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95. Lin M, Coates WC, **Lewis RJ**. Tissue Adhesive Skills (TASk) Study: The Physician Learning Curve. Abstract presented at the 2000 Annual Meeting of the Society for Academic Emergency Medicine in San Francisco, California. *Academic Emergency Medicine* 2000;7:593.

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97. Newgard CD, **Lewis RJ**. The National Accident Sampling System Database (NASS): An Example of the Pitfalls of Analyzing Weighted Databases. *Academic Emergency Medicine* 2000;7:1179. [Correction of Abstract N-92]
98. Romero L, de Virgilio C, Donayre C, **Lewis RJ**, Chang C, Narahara K, Lippmann M, Stabile BE, White R. Effect of AAA Complexity and Operative Time on Cardiac Events After Endoluminal AAA Repair. Abstract presented at the 2001 Annual Meeting of the Pacific Coast Surgical Association in Banff, Alberta, Canada.
99. Fernandez-Frackelton M, Coates WC, **Lewis RJ**, Perez JE, Peterson M. Harbor Ultrasound Medical Student Curriculum: Prospective Evaluation of Medical Student Skill Acquisition in the Emergency Department. Abstract presented at the 2001 Western Regional Meeting of the Society for Academic Emergency Medicine in Newport Beach, California.
100. McClung CD, Young KD, Gausche-Hill M, **Lewis RJ**. A Multivariate Logistic Regression Model for the Prediction of Survival in Out-of-Hospital Pediatric Cardiopulmonary Arrest. Abstract presented at the 2001 Western Regional Meeting of the Society for Academic Emergency Medicine in Newport Beach, California.
101. Newgard CD, **Lewis RJ**. Risk Assessment of Restraint Use, Air Bag Deployment, and Seat Position in Children Involved in Motor Vehicle Collisions. Abstract presented at the 2001 Annual Meeting of the Society for Academic Emergency Medicine in Atlanta, Georgia. *Academic Emergency Medicine* 2001;8:416.
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104. de Virgilio C, Romero L, Donayre C, Meek K, **Lewis RJ**, Lippmann M, Rodriguez C, White R. Endoluminal AAA Repair Under General vs Local: Effect on Cardiopulmonary Morbidity and Mortality. Abstract presented at the 2001 Annual Meeting of the Western Vascular Society in Santa Fe, New Mexico.
105. Stratton SJ, Taves A, **Lewis RJ**, Dorsey E, Clements H, McCollough M, Henderson D. Apparent Life-Threatening Event: Clinical Assessment in the Field. Abstract presented at the 2001 Emergency Medical Services for Children Annual Conference in San Diego, California.
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107. Haukoos JS, Witt MD, Coil CJ, **Lewis RJ**. Effect of Incentives on Compliance with HIV Testing Referrals from the Emergency Department. Abstract presented at the 2001 Ninth Annual UCLA AIDS Institute Scientific Symposium in Culver City, California.
108. Stratton SJ, Niemann JT, Cruz B, **Lewis RJ**. Endotracheal Drug Administration During Out-of-Hospital Resuscitation: Where are the Survivors? Abstract presented at the 2002 Annual Meeting of the National Association of EMS Physicians in Tucson, Arizona.
109. Newgard CD, **Lewis RJ**. Body Size and Age as Predictors of Severe Injury Secondary to Airbag Deployment in Children Involved in Motor Vehicle Collisions. Abstract presented at the 2002 Western Regional Meeting of the Society for Academic Emergency Medicine in San Diego, California.
110. Newgard CD, **Lewis RJ**. The Imputation of Missing Values in Complex Sampling Databases: An Innovative Approach. Abstract presented at the 2002 Western Regional Meeting of the Society for Academic Emergency Medicine in San Diego, California.
111. Gausche-Hill M, Sosa B, Seidel JS, **Lewis RJ**. Children Presenting to Pediatric Office-Based Practices: Office Preparedness and Patient Outcome. Abstract presented at the 3rd Annual EMSC Congress in Dallas, Texas, April 2002.
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113. Haukoos JS, **Lewis RJ**, Stratton SJ, Niemann JT. The 1981 ACLS Score is Not Valid in 2001. Abstract presented at the 2002 Annual Meeting of the Society for Academic Emergency Medicine in St. Louis, Missouri. *Academic Emergency Medicine* 2002;9:458.
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116. Haukoos JS, **Lewis RJ**, Stratton SJ, Niemann JT. A Prediction Rule for Meaningful Survival Following Out-of-Hospital Cardiac Arrest. Abstract presented at the 2002 Research Forum of the American College of Emergency Physicians in Seattle, Washington. *Annals of Emergency Medicine* 2002;40:S4.
117. Dixon MR, Haukoos JS, Udani SM, Naghi JJ, Arnell T, Kumar R, **Lewis RJ**, Stamos MJ. CEA And Albumin Predict Survival in Patients Presenting with Advanced Colon and Rectal Cancer. Abstract presented at the 2003 Pacific Coast Surgical Association Annual Meeting in Monterey, California.
118. Haukoos JS, **Lewis RJ**, Niemann JT. The Effect of Race/Ethnicity on Survival to Hospital Discharge after Out-of-Hospital Cardiac Arrest: A Survival Disadvantage for Caucasians. Abstract presented at the 2003 Western Regional Meeting of the Society for Academic Emergency Medicine in Scottsdale, Arizona. April 2003.
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122. Rieg GK, **Lewis RJ**, Witt M, Smith D, Wong J, Daar ES. Screening for Asymptomatic Sexually Transmitted Diseases (STDs) in HIV-infected Men Who Have Sex with Men (MSM). Abstract presented at the 2004 AIDS Research in California and the 20th AIDS Investigators' Meeting in Los Angeles, California. University of California, Universitywide AIDS Research Program (UARP).
123. Kaji AH, **Lewis RJ**. Assessment of Disaster Preparedness Among a Cohort of Hospitals in Los Angeles County. Abstract presented at the 2004 Western Regional Meeting of the Society for Academic Emergency Medicine in Oakland, California.
124. Haukoos JS, Witt MD, **Lewis RJ**. Reliability of a Method for Measuring Benefit of Emergency Treatment. Abstract presented at the 2004 Western Regional Meeting of the Society for Academic Emergency Medicine in Oakland, California.
125. Haukoos JS, Witt MD, Coil CJ, **Lewis RJ**. Do Patient Perceptions Influence Compliance with Outpatient HIV Testing Referrals from the Emergency Department? Abstract presented at the 2004 Western Regional Meeting of the Society for Academic Emergency Medicine in Oakland, California.
126. Schultz CH, **Lewis RJ**, Koenig KL. Distance From the Earthquake Epicenter is Not Predictive of Hospital Damage and Permanent Closure in the Near-Field: Implications for Patient Evacuation. Abstract presented at the 2004 Western Regional Meeting of the Society for Academic Emergency Medicine in Oakland, California.
127. Haukoos JS, Witt MD, **Lewis RJ**. Reliability of a Method for Measuring Benefit of Emergency Treatment. Abstract presented at the 2004 Annual Meeting of the Society for Academic Emergency Medicine in Orlando, Florida. *Academic Emergency Medicine* 2004;11:466.
128. Haukoos JS, Witt MD, Coil CJ, **Lewis RJ**. Do Patient Perceptions Influence Compliance with Outpatient HIV Testing Referrals from the Emergency Department? Abstract presented at the 2004 Annual Meeting of the Society for Academic Emergency Medicine in Orlando, Florida. *Academic Emergency Medicine* 2004;11:553.
129. Okada PJ, Quigley R, Mendez DA, Thompson MT, Abramo TJ, Ng WC, **Lewis RJ**. Serum Measurement of Neuron Specific Enolase (NSE), S-100 β , and Interleukin-6 (IL-6) for the Prediction of Neurologic Outcome in Pediatric Patients with Moderate to Severe Closed Head Injury. Abstract presented at the 2004 Annual Meeting of the Society for Academic Emergency Medicine in Orlando, Florida. *Academic Emergency Medicine* 2004;11:439.
130. Newgard CD, **Lewis RJ**, Hui S, Griffin A. Variability in Institutional Review for an Observational Multicenter Health Services Study with Waiver of Consent. Abstract presented at the 2004 Research Forum of the American College of Emergency Physicians in San Francisco, California. *Annals of Emergency Medicine* 2004;44:S114.

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N. ABSTRACTS (Continued)

131. Schultz CH, Koenig KL, **Lewis RJ**. Distance from the Earthquake Epicenter is not Predictive of Hospital Damage, Evacuation, or Permanent Closure in the Near-Field: Implications for Patient Evacuation. Abstract presented at the 2004 Research Forum of the American College of Emergency Physicians in San Francisco, California. *Annals of Emergency Medicine* 2004;44:S93.
132. Pisupati D, Heyming TW, **Lewis RJ**, Peterson MA. Effect of Ultrasound Localization of Spinal Landmarks on Lumbar Puncture in the Emergency Department. Abstract presented at the 2004 Research Forum of the American College of Emergency Physicians in San Francisco, California. *Annals of Emergency Medicine* 2004;44:S83.
133. Newgard CD, Hui S, Griffin A, **Lewis RJ**. Prospective Validation of an Out-of-Hospital Decision Rule to Identify Severely Injured Children Involved in Motor Vehicle Crashes. Abstract presented to the 2004 Research Forum of the American College of Emergency Physicians in San Francisco, California. *Annals of Emergency Medicine* 2004;44:S64.
134. Kaji AH, **Lewis RJ**. Hospital Disaster Preparedness in Los Angeles County, California. Abstract presented at the 2004 Research Forum of the American College of Emergency Physicians in San Francisco, California. *Annals of Emergency Medicine* 2004;44:S33.
135. McClung CD, Gausche-Hill M, Young KD, Losek JD, Sirbaugh PE, Sagar A, **Lewis RJ**. External Validation of a Multivariate Logistic Regression Model Predicting Prehospital Pediatric Cardiopulmonary Arrest Survival. Abstract presented at the 2005 Annual Meeting of the Society for Academic Emergency Medicine in New York, New York. *Academic Emergency Medicine* 2005;12:S73.
136. Tran J, **Lewis RJ**, de Virgilio C. The Effect of the 80-Hour Workweek on General Surgery Residents' Operative Case Volume. Abstract presented at the 2006 Meeting of the Southern California Chapter of the American College of Surgeons in Santa Barbara, California.
137. de Virgilio C, Tran J, Donayre C, **Lewis RJ**, Dauphine C, Bui H, White R. Factors Affecting Long-Term Mortality After Endovascular Repair of Abdominal Aortic Aneurysms. Abstract presented at the 2006 Meeting of the Pacific Coast Surgical Association in San Francisco, California.
138. Yaghoubian A, Putnam BA, **Lewis RJ**, de Virgilio C. Trauma Care at a Level I Trauma Center: A 9-year Review. Abstract presented at the 2006 meeting of the Pacific Coast Surgical Association in San Francisco, California.
139. Kaji AH, Gausche-Hill M, Conrad HB, Young KD, Koenig WJ, Dorsey E, **Lewis RJ**. EMS System Changes Reduce Pediatric Epinephrine Dosing Errors in the Prehospital Setting. Abstract presented at the 2006 Western Regional Meeting of the Society for Academic Emergency Medicine in Redondo Beach, California.
140. **Lewis RJ**, Duber H. International Regulatory Status of Exception from Informed Consent in Resuscitation Research. Abstract presented at the 2006 Western Regional Meeting of the Society for Academic Emergency Medicine in Redondo Beach, California.
141. de Virgilio C, Yaghoubian A, **Lewis RJ**, Stabile BE, Putnam BA. The 80-Hour Resident Workweek Does Not Adversely Affect Patient Outcomes or Resident Education. Abstract presented at the 2006 Meeting of the Association of Program Directors in Surgery in Tucson, Arizona.
142. Yaghoubian A, **Lewis RJ**, de Virgilio C. Can the National Kidney Foundation Guidelines for First Time AVF Creation Be Met in Underserved ESRD Patients? Abstract presented at the 2006 Meeting of the Southern California Vascular Surgery Society in Temecula, California.

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N. ABSTRACTS (Continued)

143. Charfen MA, Ipp E, **Lewis RJ**. The Yield of Screening for Diabetes in High-Risk ED Patients. Abstract presented at the 2006 Annual Meeting of the Society for Academic Emergency Medicine in San Francisco, California. *Academic Emergency Medicine* 2006;13:S121-S122.
144. Kaji AH, Gausche-Hill M, Conrad HB, Young KD, Koenig WJ, Dorsey E, **Lewis RJ**. EMS System Changes Reduce Pediatric Epinephrine Dosing Errors in the Prehospital Setting. Abstract presented at the 2006 Annual Meeting of the Society for Academic Emergency Medicine in San Francisco, California. *Academic Emergency Medicine* 2006;13:S150.
145. Gausche-Hill M, Schmitz CK, **Lewis RJ**. Pediatric Preparedness of Emergency Departments: A Survey of the United States. Abstract presented at the 2006 National Conference of the American Academy of Pediatrics in Atlanta, Georgia. *Pediatric Emergency Care* 2006;22:682.
146. Lipsky AM, **Lewis RJ**. Optimizing Trial Participants' Outcomes: A Bayesian Decision-Theoretic Approach. Abstract presented at the 2006 Research Forum of the American College of Emergency Physicians in New Orleans, Louisiana. *Annals of Emergency Medicine* 2006;48:S43-S44.
147. Niemann JT, Rosborough J, Youngquist S, Thomas J, **Lewis RJ**. Is all Ventricular Fibrillation the Same? A Comparison of Ischemically Induced and Electrically Induced Ventricular Fibrillation in a Porcine Cardiac Arrest and Resuscitation Model. Abstract presented at the 2006 Annual Scientific Meeting of the American Heart Association in Chicago, Illinois. *Circulation* 2006;114(suppl II):II-1208.
148. Niemann JT, Rosborough J, Thomas J, Youngquist S, **Lewis RJ**, Phan T, Filler S. Proinflammatory Cytokine Storm Follows Early Reperfusion after Resuscitation from Prolonged Ischemia-associated VF in Swine. Abstract presented at the 2006 Annual Scientific Meeting of the American Heart Association in Chicago, Illinois. *Circulation* 2006;114(suppl II): II-465.
149. Yaghoubian A, Putnam BA, **Lewis RJ**, de Virgilio C. Improved Outcomes Following Closure of an Adjacent Trauma Center. Abstract presented at the 2008 Meeting of the Southern California Chapter of the American College of Surgeons in Santa Barbara, California.
150. Yaghoubian A, Saltmarsh G, Rosing Dk, **Lewis RJ**, Stabile BE, de Virgilio C. Decreased Bile Duct Injury Rate During Laproscopic Cholecystectomy in the Era of the 80-hour Resident Work Week. Abstract presented at the 2008 Meeting of the Pacific Coast Surgical Association in San Diego, California.
151. Pritchett YL, Mehta CR, **Lewis RJ**. Adaptive Design in Clinical Trials: an Effective Approach for New Drug Development. Abstract presented at the 2008 NCDEU (NIMH/American Society of Clinical Psychopharmacology) Meeting in Phoenix, Arizona.
152. Rieg G, **Lewis RJ**, Seaberg E, Badri S, Rinaldo C, Thio C, Witt MD. Clinical and Laboratory Factors Associated with Isolated Hepatitis B Core Antibody (anti-HBc) Status Among HIV-infected Subjects in the Multicenter AIDS Cohort Study (MACS). Abstract presented at the 2010 Conference on Retroviruses and Opportunistic Infections (CROI) in San Francisco, California.
153. Broglio, KR, Daar ES, Yuan Y, Anupama K, Quintana M, Detery M, Le T, Spellberg B, **Lewis RJ**, Berry SM. A Meta-Analysis Platform for the Continuous Updating of Knowledge Regarding Treatment Regimens for Hepatitis C Virus (HCV) Infection. Abstract presented at the 64th Annual Meeting of the American Association for the Study of Liver Diseases: The Liver Meeting 2013 in Washington DC. *Hepatology* 2013;58(S1):1208A.

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154. Chaisinanunkul N, Saver JL, Jovin T, Berry S, **Lewis R**, Lees K, Furlan A, Jahans C, Baxter B, Lutsep HL, Ribo M, Jansen O, Gupta R, Mendes Pereira V, Nogueira R, for the DAWN Investigators. A Utility-Weighted Modified Rankin Scale: Derivation and Application to Completed Stroke Trials. Abstract presented at the American Academy of Neurology 66th Annual Meeting (2014) in Philadelphia, Pennsylvania. Neurology April 8, 2014 vol. 82 no. 10 Supplement P5.008.
155. Broglio K, Quintana M, Daar ES, Kalsekar A, Yuan Y, Detry M, **Lewis R**, Le TK, Berry S. Determining Comparative Effectiveness Benchmarks for Emerging Treatments for Hepatitis C Virus (HCV) Infection in the Single Arm Study Design Setting. Abstract presented at the Montreal, QC, Canada ISPOR 19th Annual International Meeting of the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) (2014) in Montreal, Canada.

O. CASE REPORTS

1. Chenevert M, **Lewis RJ**. Ashman's Phenomenon - A Source of Paroxysms of Wide-Complex Tachycardia: Case Report and Discussion. Journal of Emergency Medicine 1992;10:179-183.

P. PRESIDENT'S MESSAGES, SOCIETY FOR ACADEMIC EMERGENCY MEDICINE

1. **Lewis RJ**. Federal Funding. Society for Academic Emergency Medicine Newsletter, May/June 2002
2. **Lewis RJ**. Gender and Mentoring. Society for Academic Emergency Medicine Newsletter, July/August 2002.
3. **Lewis RJ**. SAEM's Resident Members-Investment and Involvement. Society for Academic Emergency Medicine Newsletter, September/October 2002.
4. **Lewis RJ**. Specialization and Emergency Medicine: Being Comfortable with Who We Are. Society for Academic Emergency Medicine Newsletter, November/December 2002.
5. **Lewis RJ**. My Changing Perspective on the Medical Literature. Society for Academic Emergency Medicine Newsletter, January/February 2003.
6. **Lewis RJ**. Thoughts of a Cat Herder. Society for Academic Emergency Medicine Newsletter, March/April 2003.
7. **Lewis RJ**. Educational Research: Time to Reach the Bar, Not Lower It. Society for Academic Emergency Medicine Newsletter, May/June 2003.
8. **Lewis RJ**. Academic Emergency Medicine and the "Tragedy of the Commons." Society for Academic Emergency Medicine Newsletter, March/April 2004.

PUBLICATIONS (Continued):

Q. COMMISSIONED AND INVITED PAPERS

1. **Lewis RJ**, Cone DC, Biros MH. Enhancing Emergency Care Research. Background paper prepared for the Institute of Medicine (IOM) Committee on the Future of Emergency Care [Internal Document]. 2006.
2. Spellberg B, Brass EP, Talbot GH, Boucher HW, Bradley JS, **Lewis R**, Das A, Bush K, Doi Y, Bartlett JG, Larosa S, Gilbert DN. Draft Guidance for Industry on the Conduct of Superiority and Organism-Specific Clinical Trials of Antibacterial Agents for the Treatment of Infections Caused by Drug-Resistant Bacterial Pathogens with a Focus on Aerobic Gram-negative Bacilli. Submitted by the Infectious Diseases Society of America to the US Food and Drug Administration at the invitation of the Principal Deputy Director, Dr. Joshua Sharfstein. 2010.
3. Detry MA, **Lewis RJ**, Broglio KR, Connor JT, Berry SM, Berry DA. Standards for the Design, Conduct, and Evaluation of Adaptive Randomized Clinical Trials. Report prepared for the Methodology Committee of the Patient-Centered Outcomes Research Institute (PCORI). 2012. Available at: <http://www.pcori.org/assets/Standards-for-the-Design-Conduct-and-Evaluation-of-Adaptive-Randomized-Clinical-Trials.pdf>.
4. Detry MA, **Lewis RJ**, Broglio KR, Connor JT, Berry SM, Berry DA. Standards for the Design, Conduct, and Evaluation of Adaptive Randomized Clinical Trials--Non-technical Report. Report prepared for the Methodology Committee of the Patient-Centered Outcomes Research Institute (PCORI). 2012.

R. BOOK REVIEWS

1. **Lewis RJ**. Review of Stone J. Conducting Clinical Research: A practical guide for physicians, nurses, study coordinators, and investigators. Mountainside MD Press 2006. Annals of Internal Medicine 2007;146:544.

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LECTURE SERIES:

1. Department of Emergency Medicine Research Methodology Seminar Lecture Series. September 1994 - December 1994
2. Department of Emergency Medicine Research Methodology Seminar Lecture Series. November 1996 - March 1997.

JOURNAL CLUB:

1. Teach Analysis of Medical Literature Through Journal Club. Approximately 8 sessions per year. July 1990 - 2013

LECTURES (Institutional, Since January 1, 1994):

1. Department of Emergency Medicine Grand Rounds. Diving Injuries. Department of Emergency Medicine, Harbor-UCLA Medical Center. February 1994.
2. Reproductive Endocrinology Grand Rounds. An Introduction to Statistical Concepts and Methods. Division of Reproductive Endocrinology, Harbor-UCLA Medical Center. March 1994.
3. Department of Emergency Medicine Core Conference. Introduction to Statistical Methods: Part I. Department of Emergency Medicine, Harbor-UCLA Medical Center. March 1994.
4. Department of Emergency Medicine Core Conference. Introduction to Statistical Methods: Part II. Department of Emergency Medicine, Harbor-UCLA Medical Center. March 1994.
5. Department of Emergency Medicine Grand Rounds. Sepsis. Department of Emergency Medicine, Harbor-UCLA Medical Center. April 1994.
6. Trauma Nursing Course. Initial Evaluation of the Trauma Patient. Trauma Services, Harbor-UCLA Medical Center. April 1994.
7. Department of Emergency Medicine Grand Rounds. Pancreatitis. Department of Emergency Medicine, Harbor-UCLA Medical Center. June 1994.
8. Department of Emergency Medicine Morbidity and Mortality Conference. Screening Patients for Pulmonary Tuberculosis. Department of Emergency Medicine, Harbor-UCLA Medical Center. June 1994.
9. Department of Obstetrics and Gynecology Journal Club. An Introduction to the Statistical Design and Analysis of Research Studies. Department of Obstetrics and Gynecology, Harbor-UCLA Medical Center. August 1994.
10. Clinical Study Center Course on Introduction to Clinical Research. An Introduction to the Design of a Clinical Study. Department of Medicine, Harbor-UCLA Medical Center. September 1994.
11. Department of Emergency Medicine Morbidity and Mortality Conference. Spontaneous Bacterial Peritonitis. Department of Emergency Medicine, Harbor-UCLA Medical Center. September 1994.
12. Santa Monica Medical Center Noon Conference. Spontaneous Bacterial Peritonitis. Santa Monica Medical Center. September 1994.

LECTURES (Institutional, Since January 1, 1994, Continued):

13. Department of Emergency Medicine Grand Rounds. Pelvic Fractures. Department of Emergency Medicine, Harbor-UCLA Medical Center. October 1994.
14. Department of Emergency Medicine Grand Rounds. Sepsis. Department of Emergency Medicine, Harbor-UCLA Medical Center. November 1994.
15. Department of Emergency Medicine Grand Rounds. Sepsis. Department of Emergency Medicine, Loma Linda University Medical Center. November 1994.
16. Department of Emergency Medicine Core Conference. Near Drowning. Department of Emergency Medicine, Harbor-UCLA Medical Center. December 1994.
17. Department of Obstetrics and Gynecology Journal Club. An Introduction to the Statistical Design and Analysis of Research Studies. Department of Obstetrics and Gynecology, Harbor-UCLA Medical Center. July 1995.
18. Department of Emergency Medicine Grand Rounds. Pelvic Fractures. Department of Emergency Medicine, Harbor-UCLA Medical Center. July 1995.
19. Harbor-UCLA Medical Center CME Program "Tuberculosis and the Health Care Worker." A Protocol for the Rapid Identification and Isolation of Patients at High Risk for Active Pulmonary Tuberculosis in the Emergency Department. Queen Mary, Long Beach, California. September 1995.
20. Clinical Study Center Lecture Series. Ethical Issues in Clinical Research. Harbor-UCLA Medical Center. September 1995.
21. Allergy and Immunology Seminar Series. An Introduction to the Statistical Analysis of Research Studies. Division of Allergy and Immunology, Department of Medicine, Harbor-UCLA Medical Center. November 1995.
22. Department of Emergency Medicine Grand Rounds. Sepsis. Department of Emergency Medicine, Harbor-UCLA Medical Center. December 1995.
23. Department of Emergency Medicine Grand Rounds. Pancreatitis. Department of Emergency Medicine, Harbor-UCLA Medical Center. January 1996.
24. Santa Monica Medical Center Noon Conference. Pancreatitis. Santa Monica Medical Center. January 1996.
25. Department of Emergency Medicine Core Conference. Statistics and Clinical Trial Design I. Department of Emergency Medicine, Harbor-UCLA Medical Center. February 1996.
26. Department of Emergency Medicine Core Conference. Statistics and Clinical Trial Design II. Department of Emergency Medicine, Harbor-UCLA Medical Center. February 1996.
27. Department of Emergency Medicine Morbidity and Mortality Conference. Streptococcal Toxic Shock Syndrome. Department of Emergency Medicine, Harbor-UCLA Medical Center. February 1996.
28. Department of Emergency Medicine Grand Rounds. Diving Injuries. Department of Emergency Medicine, Harbor-UCLA Medical Center. April 1996.
29. Department of Emergency Nursing. Near Drowning. Emergency Nursing Conference: EDAP (Emergency Departments Approved for Pediatrics) Update Course. May 1996.

LECTURES (Institutional, Since January 1, 1994, Continued):

30. Department of Obstetrics and Gynecology Journal Club. Introduction to Statistics. Department of Obstetrics and Gynecology, Harbor-UCLA Medical Center. July 1996.
31. Department of Emergency Medicine Grand Rounds. Diagnosis and Management of Sepsis. Department of Emergency Medicine, Harbor-UCLA Medical Center. July 1996.
32. Department of Emergency Nursing, Pediatrics Lecture Series. Near Drowning. Department of Emergency Nursing, Harbor-UCLA Medical Center. September, 1996.
33. Clinical Study Center Lecture Series. Design of Clinical Studies. Harbor-UCLA Medical Center. September 1996.
34. Santa Monica Medical Center Noon Conference. Pancreatitis. Santa Monica Medical Center. October 1996.
35. Department of Emergency Medicine, Pediatric Emergency Medicine Lecture Series. Near Drowning. Department of Emergency Medicine, Harbor-UCLA Medical Center. October 1996.
36. Department of Emergency Medicine Morbidity and Mortality Conference. Diving Injuries. Department of Emergency Medicine, Harbor-UCLA Medical Center. October 1996.
37. Department of Emergency Nursing Mobile Intensive Care Unit (MICU) Nurse Course. Evaluation of the Trauma Patient. December 1996.
38. Department of Emergency Medicine Morbidity and Mortality Conference. Near Drowning. Department of Emergency Medicine, Harbor-UCLA Medical Center. January 1997.
39. Department of Emergency Medicine Morbidity and Mortality Conference. Spontaneous Bacterial Peritonitis. Department of Emergency Medicine, Harbor-UCLA Medical Center. May 1997.
40. Department of Emergency Medicine Grand Rounds. Sepsis. Department of Emergency Medicine, Harbor-UCLA Medical Center. August 1997.
41. Department of Emergency Medicine, Trauma Surgery/Emergency Medicine Joint Conference. Pelvic Fractures. Department of Emergency Medicine, Harbor-UCLA Medical Center. August 1997.
42. Santa Monica Medical Center Noon Conference. Near Drowning. Santa Monica Medical Center. September 1997.
43. Department of Emergency Medicine Morbidity and Mortality Conference. Pancreatitis. Department of Emergency Medicine, Harbor-UCLA Medical Center. November 1997.
44. Department of Emergency Medicine Grand Rounds, Introduction to Statistics. Department of Emergency Medicine, Harbor-UCLA Medical Center. April 1998.
45. Department of Emergency Medicine Grand Rounds. Sepsis. Department of Emergency Medicine, Harbor-UCLA Medical Center. July 1998.
46. Clinical Study Center Lecture Series. Designing Clinical Research. Harbor-UCLA Medical Center. September 1998.
47. Department of Medicine Grand Rounds. Data Monitoring and the "Efficacy Trial of DCLHb in the Treatment of Severe Traumatic Hemorrhagic Shock." Department of Medicine, Harbor-UCLA Medical Center. January 1999.

LECTURES (Institutional, Since January 1, 1994, Continued):

48. Department of Emergency Medicine Grand Rounds. Diving Injuries. Department of Emergency Medicine, Harbor-UCLA Medical Center. February 1999.
49. Santa Monica Medical Center Noon Conference. Sepsis. Santa Monica Medical Center. February 1999.
50. Department of Emergency Medicine Grand Rounds. Spontaneous Bacterial Peritonitis. Department of Emergency Medicine, Harbor-UCLA Medical Center. April 1999.
51. Department of Emergency Medicine Grand Rounds. Data Monitoring and the "Efficacy Trial of DCLHb in the Treatment of Severe Traumatic Hemorrhagic Shock." Department of Emergency Medicine, Harbor-UCLA Medical Center, May 1999.
52. Weitzman Memorial Lecture. When to Terminate a Clinical Trial—A Case Study. Harbor-UCLA Medical Center. June 1999.
53. Department of Emergency Medicine Grand Round. Sepsis. Department of Emergency Medicine, Harbor-UCLA Medical Center. July 1999.
54. Santa Monica Medical Center Noon Conference. Introduction to Statistics. Santa Monica Medical Center. January 2000.
55. Department of Emergency Medicine Core Conference. Pelvic Fractures. Department of Emergency Medicine, Harbor-UCLA Medical Center. March 2000.
56. Obstetrics and Gynecology Lecture Series. Introduction to Statistics. Department of Obstetrics and Gynecology, Harbor-UCLA Medical Center. March 2000.
57. Department of Emergency Medicine Grand Rounds. Pancreatitis. Department of Emergency Medicine, Harbor-UCLA Medical Center. June 2000.
58. Santa Monica Medical Center Noon Conference. Introduction to Statistics. Santa Monica Medical Center. August 2000.
59. Department of Emergency Medicine Core Conference. Sepsis. Department of Emergency Medicine, Harbor-UCLA Medical Center. August 2000.
60. Department of Emergency Medicine Grand Rounds. Pelvic Fractures. Department of Emergency Medicine, Harbor-UCLA Medical Center. September 2000.
61. Department of Emergency Medicine Grand Rounds. Introduction to Statistics. Department of Emergency Medicine, Harbor-UCLA Medical Center. December 2000.
62. Department of Emergency Medicine Grand Rounds. Sepsis. Department of Emergency Medicine, Harbor-UCLA Medical Center. July 2001.
63. Santa Monica Medical Center Noon Conference. Introduction to Statistics. Santa Monica Medical Center. September 2001.
64. Department of Emergency Medicine Grand Rounds. Pelvic Fractures. Department of Emergency Medicine, Harbor-UCLA Medical Center. September 2001.
65. Department of Emergency Medicine Grand Rounds. Pancreatitis. Department of Emergency Medicine, Harbor-UCLA Medical Center. December 2001.

LECTURES (Institutional, Since January 1, 1994, Continued):

66. Department of Emergency Medicine Grand Rounds. Comments on Chest Radiographs and Emergency Department Decision Making for the Patient with Pneumonia. Department of Emergency Medicine, Harbor-UCLA Medical Center. January 2002.
67. General Clinical Research Center Lecture Series. Clinical Trial Design Concepts: The Intention to Treat Principle and Interim Data Analysis. Harbor-UCLA Medical Center, January 2002.
68. Department of Emergency Medicine Grand Rounds. Introduction to Statistics. Department of Emergency Medicine, Harbor-UCLA Medical Center. March 2002.
69. Department of Emergency Medicine Grand Rounds. Near Drowning. Department of Emergency Medicine, Harbor-UCLA Medical Center. April 2002.
70. Santa Monica-UCLA Medical Center Noon Conference. Near Drowning. Santa Monica-UCLA Medical Center. July 2002.
71. Department of Emergency Medicine Grand Rounds. Sepsis. Department of Emergency Medicine, Harbor-UCLA Medical Center. August 2002.
72. Santa Monica-UCLA Medical Center Noon Conference. Appendicitis. Santa Monica-UCLA Medical Center. January 2003.
73. Department of Emergency Medicine Grand Rounds. Pelvic Fractures. Department of Emergency Medicine, Harbor-UCLA Medical Center. January 2003.
74. General Clinical Research Center Lecture Series. Clinical Trial Design Concepts: The Intention to Treat Principle and Interim Data Analysis. Harbor-UCLA Medical Center, March 2003.
75. General Clinical Research Center Lecture Series. Data and Safety Monitoring in Clinical Research. Harbor-UCLA Medical Center, March 2003.
76. Department of Emergency Medicine Grand Rounds. Pancreatitis. Harbor-UCLA Medical Center, April 2003.
77. Department of Emergency Medicine Grand Rounds. Diving Injuries. Department of Emergency Medicine, Harbor-UCLA Medical Center, June 2003.
78. Department of Emergency Medicine Grand Rounds. Pancreatitis. Department of Emergency Medicine, Harbor-UCLA Medical Center, September 2003.
79. Pediatric Critical Care Fellows Conference. Introduction to Clinical Research. Department of Pediatrics, Harbor-UCLA Medical Center, October 2003.
80. Department of Emergency Medicine Grand Rounds. Pelvic Fractures. Department of Emergency Medicine, Harbor-UCLA Medical Center, November 2003.
81. Pediatric Critical Care Fellows Conference. Introduction to Statistics. Department of Pediatrics, Harbor-UCLA Medical Center, November 2003.
82. Pediatric Emergency Medicine Nursing Conference. Near Drowning. Department of Emergency Medicine Nursing, Harbor-UCLA Medical Center, December 2003.
83. Department of Emergency Medicine Grand Rounds. Spontaneous Bacterial Peritonitis. Department of Emergency Medicine, Harbor-UCLA Medical Center, January 2004.

LECTURES (Institutional, Since January 1, 1994, Continued):

84. Department of Emergency Medicine Grand Rounds. Introduction to Statistics. Department of Emergency Medicine, Harbor-UCLA Medical Center, March 2004.
85. Department of Emergency Medicine Grand Rounds. Academic Emergency Medicine and the "Tragedy of the Commons." Department of Emergency Medicine, Harbor-UCLA Medical Center, April 2004.
86. Department of Emergency Medicine Grand Rounds. Sepsis. Department of Emergency Medicine, Harbor-UCLA Medical Center, July 2004.
87. Harbor-UCLA Alumni Event 2004 Continuing Education Program. The Tragedy of the Commons. Harbor-UCLA Medical Center, October 2004.
88. Department of Emergency Medicine Grand Rounds. Pancreatitis. Department of Emergency Medicine, Harbor-UCLA Medical Center, October 2004.
89. Department of Emergency Medicine Core Conference. Introduction to Statistics. Department of Emergency Medicine, Harbor-UCLA Medical Center, November 2004.
90. General Clinical Research Center Lecture Series. Data and Safety Monitoring. Harbor-UCLA Medical Center, December 2004.
91. Department of Emergency Medicine Grand Rounds. Spontaneous Bacterial Peritonitis. Department of Emergency Medicine, Harbor-UCLA Medical Center, April 2005.
92. General Clinical Research Center Lecture Series. Data and Safety Monitoring: Preparing Plans and Reports. Harbor-UCLA Medical Center, June 2005.
93. Department of Emergency Medicine Grand Rounds. Sepsis. Department of Emergency Medicine, Harbor-UCLA Medical Center, July 2005.
94. Pediatric Critical Care Fellows Conference. Biostatistics. Department of Pediatrics, Harbor-UCLA Medical Center, July 2005.
95. Department of Emergency Medicine Grand Rounds. Pelvic Fractures. Department of Emergency Medicine, Harbor-UCLA Medical Center, September 2005.
96. Pediatric Critical Care Fellows Conference. Clinical Research Methodology--Outcomes. Department of Pediatrics, Harbor-UCLA Medical Center, October 2005.
97. Department of Emergency Medicine Grand Rounds. Pancreatitis. Department of Emergency Medicine, Harbor-UCLA Medical Center, November 2005.
98. Department of Emergency Medicine Grand Rounds. Baseball & Subgroups & Clinical Trials. Department of Emergency Medicine, Harbor-UCLA Medical Center, April 2006.
99. Pediatric Critical Care Fellows Conference. Biostatistics. Department of Pediatrics, Harbor-UCLA Medical Center, July 2006.
100. Department of Emergency Medicine Grand Rounds. Sepsis. Department of Emergency Medicine, Harbor-UCLA Medical Center, August 2006.
101. Department of Emergency Medicine Grand Rounds. Pelvic Fractures. Department of Emergency Medicine, Harbor-UCLA Medical Center, November 2006.

LECTURES (Institutional, Since January 1, 1994, Continued):

102. Department of Emergency Medicine Grand Rounds. Pancreatitis. Department of Emergency Medicine, Harbor-UCLA Medical Center, January 2007.
103. Department of Emergency Medicine Grand Rounds. Statistical Things You Won't Hear Elsewhere. Department of Emergency Medicine, Harbor-UCLA Medical Center, April 2007.
104. Department of Emergency Medicine Grand Rounds. Sepsis. Department of Emergency Medicine, Harbor-UCLA Medical Center, July 2007.
105. Department of Emergency Medicine Grand Rounds. Pelvic Fractures. Department of Emergency Medicine, Harbor-UCLA Medical Center, November 2007.
106. Department of Emergency Medicine Grand Rounds. Spontaneous Bacterial Peritonitis. Department of Emergency Medicine, Harbor-UCLA Medical Center, November 2007.
107. Department of Emergency Medicine Grand Rounds. Introduction to the DEM Research College. Department of Emergency Medicine, Harbor-UCLA Medical Center, February 2008.
108. Pediatric Emergency Medicine and Critical Care Fellows' Research Conference. Statistical Things You Won't Hear Elsewhere. Departments of Emergency Medicine and Pediatrics, Harbor-UCLA Medical Center, July 2008.
109. Pediatrics Housestaff Conference. Introduction to Statistics. Department of Pediatrics, Harbor-UCLA Medical Center, July 2008.
110. Department of Emergency Medicine Grand Rounds. Introduction to the DEM Research College. Department of Emergency Medicine, Harbor-UCLA Medical Center, August 2008.
111. Department of Emergency Medicine Grand Rounds. Near Drowning. Department of Emergency Medicine, Harbor-UCLA Medical Center, October 2008.
112. General Clinical Research Center Lecture Series. Data and Safety Monitoring. Harbor-UCLA Medical Center, October 2008.
113. Pediatric Emergency Medicine and Critical Care Fellows' Research Conference. Outcomes for Clinical Research. Departments of Emergency Medicine and Pediatrics, Harbor-UCLA Medical Center, October 2008.
114. Department of Emergency Medicine Grand Rounds. Sepsis. Department of Emergency Medicine, Harbor-UCLA Medical Center, January 2009.
115. Department of Emergency Medicine Grand Rounds. Introduction to Statistics. Department of Emergency Medicine, Harbor-UCLA Medical Center, May 2009.
116. General Clinical Research Center Lecture Series. Data and Safety Monitoring. Harbor-UCLA Medical Center, November 2009.
117. Department of Emergency Medicine Grand Rounds. Pelvic Fractures. Harbor-UCLA Medical Center, February 2010.
118. Department of Emergency Medicine Grand Rounds. Pancreatitis. Harbor-UCLA Medical Center, May 2010.

LECTURES (Institutional, Since January 1, 1994, Continued):

119. All Los Angeles Emergency Medicine Conference. Sepsis Panel Moderator. Cedars-Sinai Medical Center, May 2010.
120. Department of Emergency Medicine Grand Rounds. Pancreatitis. Harbor-UCLA Medical Center, October 2010.
121. Department of Emergency Medicine Teaching Conference. Spontaneous Bacterial Peritonitis. Department of Emergency Medicine, Harbor-UCLA Medical Center, November 2010.
122. Department of Emergency Medicine Grand Rounds. Sepsis. Department of Emergency Medicine, Harbor-UCLA Medical Center, December 2011.
123. Department of Emergency Medicine Teaching Conference. Concussion Assessment. Harbor-UCLA Medical Center, February 2012.
124. Department of Emergency Medicine Grand Rounds. Pancreatitis. Harbor-UCLA Medical Center, April 2012.
125. Department of Biostatistics Seminar. Adaptive Clinical Trial Design. UCLA School of Public Health, Los Angeles, California, April 2012.
126. Department of Emergency Medicine Resident Orientation. Career Choices. Harbor-UCLA Medical Center, July 2012.
127. UCLA Clinical and Translational Science Institute (CTSI) Seminar. Value of Information Approach to Evaluating Research. David Geffen School of Medicine at UCLA, March 2013.
128. Department of Emergency Medicine Resident Orientation. Career Choices. Harbor-UCLA Medical Center, July 2013.
129. Scientific Advisory Board Presentation. A Bayesian Adaptive Trial for CER: Case Study in Status Epilepticus. Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center, December 2012.
130. All City Emergency Medicine Conference. Data, Literature, and Community Doctors. Cedars-Sinai Medical Center, May 2013.
131. Clinical and Translational Research Workshop. An Introduction to Bayesian Adaptive Trial Design. Cedars-Sinai Samuel Oschin Comprehensive Cancer Institute, July 2013.
132. Department of Anesthesia Grand Rounds. An Introduction to Adaptive Clinical Trials. David Geffen School of Medicine at UCLA, January 2014.
133. Department of Emergency Medicine Conference. Sepsis Update. Harbor-UCLA Medical Center, September 2015.
134. Department of Medicine, Division of Infectious Diseases Grand Rounds. Adaptive and Platform Trials in Infectious Diseases. Harbor-UCLA Medical Center, January 2017.