

CURRICULUM VITAE

Name: Darell E. Heiselman, D.O.

EDUCATION AND TRAINING

Undergraduate 1971-1975	Kansas State University Manhattan, Kansas	BS
Graduate 1975-1979	Kansas City College of Osteopathic Medicine Kansas City, Missouri	DO
Post Graduate 1979-1980	Akron General Medical Center Akron, Ohio	Internship
1980-1982	Akron General Medical Center Akron, Ohio	Residency Internal Medicine
1982-1984	Akron General Medical Center Akron, Ohio	Fellowship Cardiology
March, 1983 - August, 1983	University Health Center of Pittsburgh, Pittsburgh, PA	Fellowship Critical Care Med

RECENT APPOINTMENTS AND POSITIONS

1993-Present	Professor, Internal Medicine Northeast Ohio Medical University (NEOMED) Rootstown, Ohio
1996-2007	Clinical Professor, Internal Medicine Ohio University College of Osteopathic Medicine Athens, Ohio
2013-2016	Clinical Professor, Internal Medicine Ohio University College of Osteopathic Medicine Athens, Ohio
1996-2006	Associate Residency Director - Research Akron General Medical Center Department of Medicine Akron, Ohio
2000-2007	Clinical Adjunct Professor of Medicine

Lake Erie College of Osteopathic Medicine
Erie, Pennsylvania

2003-2005

Clinical Associate Professor of Medicine
Kirksville College of Osteopathic Medicine

APPOINTMENTS AND POSITIONS

1980-1981	Emergency Room Staff Wooster Community Hospital Wooster, Ohio
1981-1982	Emergency Room Staff Kettering Hospital Loudonville, Ohio
1981-1983	Consultant-EKG Stress Lab University of Akron Department of Physical Education Akron, Ohio
1981-1984	Emergency Room Staff St. Thomas Hospital Akron, Ohio
1982-1983	Consultant-Visiting Nurse Service Electrocardiography Akron, Ohio
1982-1984	Clinical Instructor Northeastern Ohio Universities College of Medicine Rootstown, Ohio
1984-1985	Rapid Response-Urgent Care Center Attending Staff Akron, Ohio
1984-1988	Assistant Professor Northeastern Ohio Universities College of Medicine Department of Medicine Rootstown, Ohio
1984-2005	Attending Physician-Senior Staff Chief, Critical Care Medicine Department of Medicine Akron General Medical Center Akron, Ohio
1987-1991	Attending Physician – Consulting Department of Medicine Barberton Citizen’s Hospital Barberton, Ohio

1987-1993 Internal Medicine Clerkship Director, Yr. V
Northeastern Ohio Universities
College of Medicine
Rootstown, Ohio

1987-1993 Attending Physician – Consulting
Department of Internal Medicine
Cuyahoga Falls General Hospital
Cuyahoga Falls, Ohio

1988-1993 Associate Professor
Northeastern Ohio Universities
College of Medicine
Department of Medicine
Rootstown, Ohio

1989-1994 Co-Director, Intensive Care Unit
Akron General Medical Center
Akron, Ohio

1989-1995 Assistant Clinical Professor
Ohio Universities
Department of Medicine
Athens, Ohio

1991-2002 Director, Intensive Care Unit
Cuyahoga Falls General Hospital
Cuyahoga Falls, Ohio

1992-2005 Assistant Director, Hyperbaric Oxygen Unit
Akron General Medical Center
Akron, Ohio

1988-2006 Director, Medical Intensive Care Unit
Akron General Medical Center
Akron, Ohio

1995-2001 Member, Board of Trustees Development Foundation
Akron General Medical Center
Akron, Ohio

1985-2006 Chief, Department of Medicine, Critical Care Medicine Service
Akron General Medical Center
Akron, Ohio

2006-2009 Staff Critical Care Physician, Summa Health System/Cuyahoga Falls General Hospital
Cuyahoga Falls, Ohio

2006-2007 Medical Director, Patient Quality/Safety Outcomes,
Summa Health System/Cuyahoga Falls General Hospital
Cuyahoga Falls, Ohio

Eli Lilly & Company

2007-2010 Clinical Research Physician-Medical Fellow I
USMD-Cardiovascular/Critical Care
LillyUSA (Xigris and Prasugrel)

2009-2013 Staff Critical Care Physician, Summa Health System/Western Reserve Hospital (volunteer)
Cuyahoga Falls, Ohio

2010-2011 Clinical Research Physician-Medical Fellow I
USMD-Special Products –
LillyUSA (Adcirca and Livalo)

2011-2012 Clinical Research Physician-Medical Fellow I
Autoimmune – Cystic fibrosis (Liprotamase)
Global Medical

2012-2013 Clinical Research Physician-Medical Fellow I
Cardiovascular –Pediatric -Sickle Cell (Prasugrel)
Global Medical

Special Citation Award to Sickle Cell Team from FDA

2013-2015 Clinical Research Physician-Medical Fellow I
Mens Health; Hypogonadism (Axiron)
Global Medical

2015-2016 Clinical Research Physician-Medical Fellow I
Pediatric - PPHN (Tadalafil)
Global Medical

2016-2017 Clinical Research Physician-Medical Fellow I
Autoimmune-IBD (Baricitinib)
Global Medical

2017-2018 Clinical Research Physician-Medical Fellow I
Autoimmune-Cluster Headache (Galcanzumab)
Global Medical

CERTIFICATION AND LICENSURE

Certification

American Board of Internal Medicine	1982
American Board of Internal Medicine-Cardiology	1985
American Board of Internal Medicine-Critical Care Medicine	1987,1997,2007
The American College of Cardiology-Electrocardiography Examination	1997
American Board of Forensic Medicine	1997
Board Certified in Nutrition Support (CNSP)	1996

Licensure

State of Ohio	No. 2960	1980
State of Tennessee	No. 443	1979
State of Kansas	No. 21411	1986

Awards

Teacher of the Year – 1986-87; Akron General Medical Center

Teacher of the Year – 2003-2004; Akron General Medical Center

American College of Physicians and the Community Based Teaching Project Recognition Award, 1992

Award of Appreciation for Five Years of Dedicated Service as Internal Medicine

Clerkship Director at Akron General Medical Center, May 28, 1993

This Preceptor as an *Outstanding Teacher in the Field of Internal Medicine* for Ten Years of Teaching. ACP and CBTP, May 1, 1996

In Recognition and Appreciation of your *Consistently Excellent Teaching* Contribution to the Internal Medicine Residency Program of Akron General Medical Center, 1997

Service Award, IM Residency, Akron General Medical Center, 2005

Internal Medicine Residency *Housestaff Education Appreciation Award*, Akron General Medical Center, 2006

Northeastern Ohio Universities College of Medicine, In *Appreciation of Dedicated Service*, Chairman, Clinical Research Committee, Department of Internal Medicine, 1990-2001.

America's Top Physicians – Consumers' Research Council of America, 2003-2004

America's Top Physicians – Consumers' Research Council of America, 2005-2006

America's Top Physicians – Consumers' Research Council of America, 2006-2007

America's Top Physicians - Consumers' Research Council of America, 2007-2008

Marquis Who's Who in the Midwest; 21st Edition August 1987

Marquis Who's Who Among Rising Young Americans; 46th Edition October 1990

Cambridge Who's Who Among Executive and Professional Osteopathic Physicians
2006-7

Cambridge Who's Who Among Executives and Professionals in Research, Medicine and
Healthcare. 2007-8

Biltmore Who's Who among Executives and Professionals- 2007 Honors Edition

Nominated for United Way, Physician Volunteer of the Year Award, 2005

Nominated for United Way, "Physician Who Cares" Award, 2006

Nominee, Shubin-Weil Master Clinician/Teacher: Excellence in Bedside Teaching
Award, 2006, Society of Critical Care Medicine

HealthGrades-Honor Roll 2011

Marquis Who's Who of Medicine and Healthcare, 2018

MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

Fellow:	American College of Angiology	1984
Fellow:	American College of Cardiology	1986
Fellow:	American College of Chest Physicians	1987
Fellow:	American College of Physicians	1988
Fellow:	American College of Critical Care Medicine	1989
Fellow:	American Heart Association Council On Clinical Cardiology	1993
Member:	Associate; American College of Physicians	1979-1984
Member:	Ohio State Medical Association	1981-2000
Member:	American Medical Association	1981-2000
Member:	Summit County Medical Society	1981-1991
Member:	Affiliate; American College of Chest Physicians	1982-1985
Member:	Society of Critical Care Medicine	1983-present
Member:	Ohio Society of Critical Care Medicine	1983-1991
Member:	American College of Physicians	1984-2010
Member:	American Society of Internal Medicine	1984-1986
Member:	American Association for Medical Systems and Infomatics	1984-1986
Member:	University of Health Sciences – College of Osteopathic Medicine, Life Membership	1984
Founders Circle:	Foundation For Critical Care Medicine	1985-1997
Member:	Council on Critical Care: American College of Chest Physicians	1986-present
Member:	North American Society of Pacing and Electrophysiology	1987-1989
Member:	Director-at-Large, Board of Trustees; Ohio Chapter-American Society of Parenteral and Enteral Nutrition	1988-1989
	President-Elect	1988-1989
	President	1989-1990
Member:	American Federation of Clinical Research	1989-2005
American Heart Association, Akron Affiliate:	President-Summit County Board of Trustees	1991-1993

	Vice President-Summit County Development Committee	1986-1991
	Member-Summit County Development Committee	1986-1994
	Member-Summit County Board of Trustees	1986-1993
	Member-Summit County Research Advisory Committee	1987-1992
	Chairman-Heart & Sole Classic	1990-1993
	Member-Night for Lovers & Friends Committee	1986-1994
Member:	Research Peer Review, American Heart Association Ohio Affiliate, Columbus Ohio	1991-1993
Member:	Undersea and Hyperbaric Medical Society	1991-2006
Member:	American College of Hyperbaric Medicine	1996-2005
Member:	American Society of Parenteral and Enteral Nutrition	1996-2008
Member:	American College of Forensic Examiners International	1997-2006
Member:	Mergen Solutions, Inc.	2003
Consultant:	WebMD, Inc. Ask the Experts	2003
Member:	America's Registry of Outstanding Professionals	2003

COMMITTEE ACTIVITIES

Chairman:	Intensive Care Unit Committee Cuyahoga Falls General Hospital	1994-2001
Member:	Utilization & Review Committee Akron General Medical Center	1980
Member:	Task Force Committee on Medical Education Akron General Medical Center	1982
Member:	New Products Evaluation Committee Akron General Medical Center	1984-1985
Chairman:	Critical Care Medicine Subcommittee of NPEC Akron General Medical Center	1984-1985
Chairman:	Planning Committee, "Critical Care Issues" Conference Akron General Medical Center	1984-1986
Member:	Respiratory Therapy Committee Akron General Medical Center	1984-1988
Member:	Intensive Care Committee Akron General Medical Center	1984-1989
Member:	Ethics Committee Akron General Medical Center	1985-1988
Member:	Investigational Research and Review Committee Akron General Medical Center	1985-2003
Member:	Stat Page Committee Akron General Medical Center	1985-1986
Chairman:	Stat Page Committee Akron General Medical Center	1986-1990
Member:	Nutrition Advisory Committee Akron General Medical Center	1986-1989
Member:	Internal Medicine Consortium Research Committee Northeastern Ohio Universities College of Medicine	1987-2007

Chairman:	Internal Medicine Consortium Research Committee Northeastern Ohio Universities College of Medicine	1990-2001
Member:	Awards Committee for Internal Medicine Section of Society of Critical Care Medicine	1988
Member:	M.D. Admissions Committee Northeastern Ohio Universities College of Medicine	1988-1996
Member:	Liaison Committee for Medical Education Akron General Medical Center	1988-1989
Delegate:	American Heart Association, Ohio Affiliate Delegate Assembly Columbus, Ohio,	1988, 1989, 1990, 1993
Co-Chairman:	Intensive Care Committee Akron General Medical Center	1989-2006
Member:	Research Project Funding Ad Hoc Committee Akron General Medical Center	1989-2002
Chairman:	Ad hoc Committee for Research, Internal Medicine Northeastern Ohio Universities College of Medicine	1989-1992
Member:	Internal Medicine Section of Subcommittee on Finance and Reimbursement of the Society of Critical Care Medicine	1990-1992
Moderator:	Original Scientific Paper on Central Nervous System Oral Presentations, SCCM, 19th Annual Scientific and Education Symposium	1990
Moderator:	Poster Discussion Presentations in Cardiac Monitoring SCCM, 21st Annual Scientific & Educational Symposium	1992
Member:	Membership Committee & Subcommittee, SCCM, 21st Annual Scientific & Educational Symposium	1992
Member:	NEOUCOM Representative: American Federation of Clinical Research	1992-2005
Member:	Internal Medicine, Committee Activities Northeastern Ohio Universities College of Medicine	1993-1999
Member:	Awards Committee, Ohio Chapter, American College of Physicians	1993-1997
Member:	Board of Director, Ohio Chapter of Society Critical Care Medicine	1993
Member:	HMO Health Ohio, Physician Advisory Board	
Member:	Committee on Committees Northeastern Ohio Universities College of Medicine	1993-1996
Member:	Accreditation Council for Graduate Medical Education; Residency Review for Internal Medicine	1994
Member:	Cardene I.V. Education Board	1994-1997
Member:	Community Wide BioEthics Committee Working Group	1994-1999
Member:	Pharmacy & Therapeutics Committee Cuyahoga Falls General Hospital	1995-1998
Member:	Research Committee Northeastern Ohio Universities College of Medicine	1995-1996
Member:	Grant Review Committee The University of Akron	1995-2001
Member:	Chart Review Committee	1995

Member:	Akron General Medical Center Subcurriculum Committee Task Force	1997
Member:	General Surgery PIR Committee Akron General Medical Center	1998-1999
Member:	Pulmonary & Critical Care Section Northeastern Ohio Universities College of Medicine	1998-present
Member:	Outpatient DVT Committee Akron General Medical Center	1999-2000
Member:	Internal Medicine Curriculum Committee Akron General Medical Center	1998-2006
Member:	PROWESS Clinical Evaluation Committee Eli Lilly & Company	2000-2004
Member:	Stroke PI Team Akron General Medical Center	2003-2006
Chairman:	Department of Medicine Research Committee Akron General Medical Center	2004-2005
Member:	System-wide Quality Committee Summa Health System	2006- 2007
Member:	Medical Staff Quality Improvement Committee Summa Health Systems/Cuyahoga Falls General Hospital	2006-2007
Member:	Patient Safety Committee Summa Health Systems/Cuyahoga Falls General Hospital	2006-2007
Member:	Appropriateness of Care Measures Committee Summa Health Systems/Cuyahoga Falls General Hospital	2006-2007
Member:	Utilization Review Committee Summa Health Systems/Cuyahoga Falls General Hospital	2006-2007
Member:	Internal Medicine Patient Safety Committee Summa Health Systems/Cuyahoga Falls General Hospital	2006-2007
Member:	Intensive Care Unit Committee Summa Health Systems/Cuyahoga Falls General Hospital	2006-2007
Member:	Quality Improvement Council Summa Health Systems/Cuyahoga Falls General Hospital	2006-2007
Member:	Patient/Family Centered Team Summa Health Systems/Cuyahoga Falls General Hospital	2006-2007
Member:	Nurse/Physician Liaison Committee Summa Health Systems/Cuyahoga Falls General Hospital	2006-2007
Member:	Faculty Council Northeastern Ohio Universities College of Medicine	2007-2010

EDITORIAL ACTIVITY

Abstract Reviewer: Society of Critical Care Medicine, Annual Educational and Scientific Symposium, 1986-2001

Manuscript Reviewer for Editorial Board: Critical Care Medicine, 1986-2004

Manuscript Reviewer for Editorial Board: The Journal of Critical Illness, 1986-2001

Manuscript Reviewer for Editorial Board: Clinical Intensive Care, 1990-2000

Manuscript Reviewer for Editorial Board: DICP, Annals of Pharmacology Journal, 1991-2005

Manuscript Reviewer for Drug Therapy, 1993-1999

Manuscript Reviewer for Cleveland Clinic Foundation, 1995

Abstract Grade Reviewer for American College of Chest Physicians, 1995

Abstract Review: NEOUCOM, Research Day, 1995-2010

Manuscript Referee for The Cochrane Collaboration, Leeds, England, 2001-2005

Article Reviewer for Editorial Board: AGMC, Clinical Perspectives, 2003-2006

Editorial board of Dataset Papers in Science, 2012-2014

SPEAKERS BUREAU/CONSULTANT

Novartis Heartburn Advisory Board -- 2006

Sanofi-Aventis Speaker Bureau -- 2004-2007

GSK Speaker Bureau -- 2006

PDL BioPharma Speaker Bureau – 2005- 2007

Eli Lilly and Company – 2001-2007

PUBLICATIONS

1. Heiselman DE, Polachek D, Snyder J, Grenvik, A: Detection of esophageal intubation in patients with intrathoracic stomach, Critical Care Medicine, 1985 13:12;1069-1070.
2. Heiselman DE, Maxwell JS, Petno V: Electrode displacement from multipurpose Swan-Ganz catheter, PACE, Jan-Feb, 1986 9;134-136
3. Heiselman DE, Jones J, Cannon L: Continuous Monitoring of Mixed Venous Oxygen Saturation in Septic Shock, Journal of Clinical Monitoring, Oct. 1986 Vol.1, pp 237-245.
4. Jones J, Heiselman DE, Dougherty J, Eddy A: Cathartic Induced Magnesium Toxicity During Overdose Management, Annals of Emergency Medicine. Oct. 1986 15:10:1214-1225.
5. Heiselman DE, Litman GI, Gordon I, Kamienski R: Pericardial Tamponade During a Digital Subtraction Angiogram, American Journal of Cardiac Imaging, January 1987 Vol.1, No. 1: pp 74-76.
6. Heiselman, DE: Treatment of cancer-associated hypercalcemia with cisplatin [letter to the editor]. Archives of Internal Medicine, July 1987; 147: pp 1361.
7. Heiselman DE, Jones J, Cannon L: Reply; Journal of Clinical Monitoring, July 1987; 3: pp 213-4.
8. Heiselman DE: Fluid management issues in status epilepticus letter to the editor]. The Journal of Critical Illness, October 1987; pp 17, 21.
9. Cannon L, Heiselman DE, Dougherty J, Jones J: Magnesium Levels in Cardiac Arrest Victims: Relationship Between Magnesium Levels and Successful

- Resuscitation. *Annals of Emergency Medicine*, November 1987, Vol 16, No 11, pp 1195-99.
10. Cannon L, Heiselman DE, Gardner W, Jones J: Prophylaxis of Upper Gastrointestinal Tract Bleeding in Mechanically Ventilated Patients: A Randomized Study Comparing the Efficacy of Sucralfate, Cimetidine, and Antacids. *Archives of Internal Medicine*, December 1987, Vol 147, pp 2101-2106.
 11. Girz B, Heiselman D: Fatal Intrapartum Pulmonary Embolus During Tocolysis. *American Journal of OB/GYN*, January 1988; 158,1, pp 145-146.
 12. McMullen M, Heiselman D: Consultation Question. *Annals of Emergency Medicine*, February 1988; 17:11; pp 1234
 13. Heiselman DE: Metoprolol Treatment of Multifocal Atrial Tachycardia [letter to the editor]. *Critical Care Medicine*, March 1988 16:3;pp 301.
 14. Jones J, Heiselman D, Cannon L, Gradisek R: Continuous Emergency Department Monitoring of Arterial Saturation in Adult Patients With Respiratory Distress. *Annals of Emergency Medicine*, May 1988;17:5; pp 463-468.
 15. Eddy A, Heiselman D, Bradford J: Acute Encephalopathy in a 62 Year Old Woman With a Viral Syndrome. *Annals of Emergency Medicine*, November 1988; 17:11; pp 1234.
 16. Goldhaber S and TIPE Investigators: Selection of Patients with Acute Pulmonary Embolism for Thrombolytic Therapy. *CHEST*, May 1989, Vol. 95, pp. 279S-281S.
 17. Jastremski M, Sutton-Tyrrell K, Per Vaagenes, Abramson N, Heiselman D, Safar P: Glucocorticoid Treatment Does Not Improve Neurological Recovery Following Cardiac Arrest, *JAMA* December 22/29, 1989; Vol 262, No. 24, pp 3427-3430.
 18. Ducharme HM, Heiselman DE: Physician Participation in Assisted Suicide [letter to the editor]. *JAMA*, 1990;263:9 (March 2) pp. 1197-8.
 19. Phillips DM, Gradisek R, Heiselman DE: Methemoglobinemia Secondary to Aniline Exposure. *Annals of Emergency Medicine*, April 1990;19:425-429.
 20. Vaschak RJ; Heiselman DE: Was HELLP at Hand? [letter; comment]. *Hospital Practice [Off]*, May 15, 1990; 25(5):15
 21. Heiselman DE, Ward G: Use of Survivors' Cardiorespiratory Values as Therapeutic Goals in Septic Shock [letter to the editor]. *Critical Care Medicine*, October 1990, pp. 1185.
 22. Heiselman DE, Malik M, White LJ: Hemodynamic Status during Famotidine Infusion [letter to the editor]. *Gastroenterology*, 1990;Nov; 99:5; pp. 1540.
 23. Heiselman DE, Chapman J, Malik M, Riegnor E: Hemodynamic Status during Famotidine Infusion. *DICP, Annals of Pharmacotherapy*, December 1990; 24:1163-1165.
 24. Heiselman DE: Recommendations for Monitoring Intracranial Pressure [letter to the editor]. *Annals of Emergency Medicine*, January, 1990;Mar;19(3) :295-303.
 25. Abramson N., Safar P., Brain Resuscitation Clinical Trial II Study Group. Deferred Consent: Use in Clinical Resuscitation Research. *Annals of Emergency Medicine*, July 1990.
 26. Brain Resuscitation Clinical Trial II Study Group: A Randomized Clinical Study of a Calcium-Entry Blocker (Lidoflazine) in the Treatment of Comatose Survivors of Cardiac Arrest. *New England Journal of Medicine*, 1991;324:1225-31.

27. K Sutton-Tyrell, JV Snyder, S Kelsey, N Abramson, and the Brain Resuscitation Clinical Trial Study Group: Risk Monitoring of Randomized Trials in Emergency Medicine: Experience of the Brain Resuscitation Clinical Trial Study Group. *American Journal Emergency Medicine*, 1991;9:112-117.
28. Ward GLH, Heiselman DE, White JL: Pulsus Paradoxus and Anaphylactic Shock Due to Urokinase Administration [letter to the editor]. *Chest*, February 1992;101(2):589.
29. ISIS-3 (Third International Study of Infarct Survival) Collaborative Group. Randomized comparison of streptokinase vs tissue plasminogen activator vs anistreplase and of aspirin plus heparin vs aspirin alone among 41 299 cases of suspected acute myocardial infarction. *ISIS-3 Lancet* 1992;339:753-70.
30. Vidovich RR, Heiselman DE, Hudock D: Treatment of Urokinase-Related Anaphylactoid Reaction with Intravenous Famotidine, *Annals of Pharmacotherapy*. June 1992 26:782-83.
31. Goldhaber SZ, Kessler GM, Heit JA, Elliott CG, Friedenbergr WR, Heiselman DE, Wilson DB, Parker JA, Bennett D, Feldstein ML, Selwyn AP, Kim D, Sharma GVRK, Nagel J, Meyerovitz MF: Recombinant Tissue-Type Plasminogen Activator Versus a Novel Dosing Regimen of Urokinase in Acute Pulmonary Embolism: A Randomized Controlled Multicenter Trial, *Journal of American College of Cardiology*, July 1992 20:1;24-30.
32. Heiselman DE, Hulisz D, Welko JR, Sinus Arrest Associated with Continuous Infusion Cimetidine, *Journal of Pharmacotherapy*. 1993;13(1):64-67.
33. Heiselman DE, High-Dose Epinephrine in Cardiopulmonary Resuscitation [Letter to the Editor.] *JAMA*, March 1993-Vol 269, No. 11, pp. 1383.
34. Firman R, Heiselman DE, Lloyd T, Mardesich P, Pneumoscrotum; Case Report, *Annals of Emergency Medicine*, August 1993 22:8
35. Heiselman DE, Vidovich RR, Milkovich G, Black LD: Nasointestinal Tube Placement With a pH Sensor Feeding Tube, *JPEN* 1993;17:562-5.
36. LeGall JR, Lemeshow S, Saulnier F: A New Simplified Acute Physiology Score (SAPS II) Based on a European/North American Multicenter Study, *JAMA* 1993, 270:2957-63.
37. Hulisz DT, Dasa SL, Black, LD, Heiselman DE: Complete Heart Block and Torsade de Pointes Associated with Thioridazine Poisoning, *Annals of Pharmacotherapy* 1994; 14:239-45
38. Heiselman DE, Nosocomial Bloodstream Infections in the Critically Ill [Letter to the Editor] *JAMA*, December 21, 1994-Vol 272, No. 23, pp. 1819-1820.
39. Heiselman DE, Hulisz D, Fricker R, Bredle D, Black L: Randomized comparison of gastric pH control with intermittent and continuous IV infusion Famotidine in ICU patients. *AM J Gastroenterology*, 90(2):277-9, 1995, Feb.
40. Hennekens CH, et al: ISIS-4, A randomized factorial trial assessing early oral captopril, oral mononitrate, and intravenous magnesium sulphate in 58, 050 patients with suspected acute myocardial infarction, *THE LANCET*, March 18, 1995;Vol34, No. 8951; pp. 669-685.
41. Heiselman DE, Hofer T, Vidovich R, Enteral feeding tube placement success with intravenous metoclopramide administration in intensive care unit patients. *Chest*, 107(6):1686-8, 1995 June.

43. Heiselman, DE, Oliver, D, The Role of the Intensivist in the Development of a Stroke Center at a Community Hospital. *The Stroke Interventionalist*, Volume II, Issue 1, Pages 10-11, May 2000.
44. Abciximab in Ischemic Stroke Investigators. Abciximab in acute ischemic stroke: a randomized, double-blind, placebo-controlled, dose-escalation study. *Stroke* 2000;31:601– 609.
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46. Turpie A, Gallus A, Hoek J, A synthetic pentasaccharide for the prevention of deep-vein thrombosis after total hip replacement. *The New England Journal of Medicine*, Vol. 344:619-625, March 1, 2001.
47. Bernard GR, Ely EW, Wright, TJ et al; on behalf of the rhAPC Sepsis Study Group. Safety and dose relationship of Critical Care Medicine, Volume 29, Number 11, November 2001.
48. Laterre P, Heiselman DE, Management of patients with severe sepsis, treated by drotrecogin alfa. *The American Journal of Surgery*, Volume 184, Number 6A, December 2002.
49. Heiselman DE: What is the treatment of leukopenia in septic shock? *Medscape Critical Care*, Feb 10, 2003.
50. Heiselman DE: Maintaining Mean Arterial Pressure With Vasopressin Drips in Septic Shock. *Medscape Critical Care*, Mar 27, 2003.
51. Heiselman DE: Activated Protein C and Renal Failure Patients. *Medscape Critical Care*, May 9, 2003.
52. Dhainaut JF, Laterre PF, LaRosa SP, Levy H, Garber GE, Heiselman D, Kinasewitz GT, Light RB, Morris P, Schein R, Sollet JP, Bates BM, Utterback BG, Maki D: The clinical evaluation committee in a large multicenter phase 3 trial of drotrecogin alfa (activated) in patients with severe sepsis (PROWESS): role, methodology, and results. *Crit Care Med* 2003 Sep; 31(9):2291-301.
53. Spragg RG, Lewis JF, Walmrath H, Johannigman J, Bellingan G, Laterre PF, Witte MC, Richards GA, Rippin G, Frank Rathgeb, Häfner D, Taut FJH, Seeger W: Effect of Recombinant Surfactant Protein C–Based Surfactant on the Acute Respiratory Distress Syndrome. *N Engl J Med* 2004; 351:884-892. (Venticute Study Group)
54. Levy H, Small D, Heiselman DE, Riker R, Steingrub J, Chen R, Qualy RL, Darstein C, Morgan E: Obesity does not alter the pharmacokinetics of drotrecogin alfa (activated) in severe sepsis. *Ann Pharmacother* 2005 Feb;39(2):262-7.
55. Marcel Levi, Mitchell Levy, Mark D. Williams, Ivor Douglas, Antonio Artigas, Massimo Antonelli, Duncan Wyncoll, Jonathan Janes, Frank V. Booth, Dazhe Wang, David P. Sundin, and William L. Macias, for the Xigris and Prophylactic HepaRin Evaluation in Severe Sepsis (XPRESS) Study Group: Prophylactic Heparin in Patients with Severe Sepsis Treated with Drotrecogin Alfa (Activated). *Am J Resp Crit Care Med*, Sept 2007, 176:483-490.
56. Stephen J. Phillips, Dingwei Dai, Arnold Mitnitski, Gordon J. Gubitzi, Karen C. Johnston, Walter J. Koroshetz, Karen L. Furie, Sandra Black, Darell E. Heiselman and on behalf of the GAIN Americas Investigators: Clinical Diagnosis

- of Lacunar Stroke in the First 6 Hours After Symptom Onset. Analysis of Data From the Glycine Antagonist In Neuroprotection (GAIN). Published online before print August 23, 2007. *Stroke*. 2007;38:2706-2711.
57. Response to Letter Toni et al: Stephen Phillips, Dingwei Dai, Arnold Mitnitski, Gordon Gubitz, Karen Johnston, Karen Furie, Sandra Black and Darell Heiselman. *Stroke* 2008;39:e153; originally published online Aug 7, 2008.
 58. Jean-Francois Dhainaut and the INDEPTH Clinical Evaluation Committee: International integrated database for the evaluation of severe sepsis (INDEPTH): clinical evaluation committee report on the safety of drotrecogin alfa (activated) therapy. *Current Medical Research and Opinion*, 24(4):1187-1197, 2008.
 59. John J, Woodward DB, Wang W, Yan SB, Fisher D, Kinasewitz GT, Heiselman D: Troponin-I as a prognosticator of mortality in severe sepsis patients. *J Crit Care*, 2010
 60. Shorr AF, Janes JM, Artigas A, Tenhunen J, Wyncoll DL, Mercier E, Francois B, Vincent J, Vangerow B, Heiselman D, Leishman AG, Zhu YE, Reinhart K for the RESPOND Investigators: Randomized trial evaluating serial protein C levels in severe sepsis patients treated with variable doses of drotrecogin alfa (activated). *Critical Care* 2010, 14:R229 (21 December 2010).
 61. Price M, Walder JS, Baker BA, Heiselman DE, Jakubowski JA, Logan DK, Winters KJ, Li W, Angiolillo DJ: Recovery of Platelet Function After discontinuation of Prasugrel or Clopidogrel Maintenance Dosing in Aspirin-Treated Patients With Stable Coronary Disease: The Recovery Trial. *J Am Coll Cardiol*, June 19/26, 2012; 59:2338-2343.
 62. Meadows E, Bae J, Zagar A, Sugihara T, Ramaswamy K, McCracken R, Heiselman DE: Rehospitalization following percutaneous coronary intervention for commercially insured patients with acute coronary syndrome: a retrospective analysis. *BMC Research Note*, 07/2012; 5(1):342
 63. Price MJ, Baker BA, Jakubowski JA, Li W, Heiselman DE, Angiolillo DJ: Detecting Thienopyridine Effect By Platelet Reactivity Assessment and Its Implications for Risk Stratification. *J Thrombosis and Haemostasis*, Jan 2014
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 65. Brock G, Heiselman D, Maggi M, Kim SW, Vallejo JMR, Behre H, McGettigan J, Dowsett S, Knorr J, Ni X, Kinchen K: Effect of Testosterone Solution on Total Testosterone, Sex Drive and Energy in Hypogonadal Men. *J Urol*, online Oct 21, 2015. Full print *J Urol*, March 2016.
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RESEARCH ACTIVITIES – Investigator

Acute Myocardial Infarction/ CHF

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|--------|---|
| ISIS-2 | (1985-1987) Second International Study of Infarct Survival. Randomized study of the effects of streptokinase and of aspirin on mortality after acute myocardial infarction. Coordinating center: Oxford, England. |
| ISIS-3 | (1990-1993) Third International Study of Infarct Survival. ISIS-3 studies Streptokinase (SK) vs. tissue plasminogen activator (t-PA), vs. anistreplase (APSAC), to determine which fibrinolytic agent is best. Also studied is in antithrombotic therapy; aspirin vs. high dose subcutaneous heparin vs. aspirin alone. Coordinating center: Oxford, England. |
| DIG | (1990-1994) Trial to Evaluate the Effect of Digitalis on Mortality in Heart Failure. Digitalis Investigation Group: Perry Point, MD. |

ARDS

TLC C95-D-03	(1996-97) A Multicenter, Double-Blind, Placebo-Controlled, Efficacy and Safety Study of TLC-C-53 in Patients with Acute Respiratory Distress Syndrome. (TLC C95-D-03). The Liposome Company.
Venticute	(1999-2002) A Randomized, Multi-national, Multi-center, Parallel-group, Double-blind, Controlled Study of Venticute (rSP-C Surfactant) vs. Placebo for the Treatment of Acute Respiratory Distress Syndrome. Altana/Byk Gulden Pharmaceuticals.
H6W-MC-MCAA	(2001-2003) Principal Investigator: A Phase 2 Study to Determine the Efficacy and Safety of Sivelestat in Patients with Acute Lung Injury. (Randomized, Parallel-Design, Multi-center, Double-Blind, Placebo-controlled Study.) Eli Lilly & Co.
VALID	(???) Venticute (rSP-C Surfactant) in Patients with Pneumonia or Aspiration of Gastric Contents Leading to Intubation, Mechanical Ventilation, and Severe Oxygenation Impairment (Altana)
ARIVAL	(???) A Randomized, Multi-National, Multi-Center, Parallel Group, Two Venticute Treatment Strategies Based, Double-Blind, Controlled Group Study. Venticute (rSP-C Surfactant) in Patients with All Risk Levels of Acute Lung Failure (Altana/Byk Gulden)) (2004-2005) The Safety, Pharmacokinetics and Physiological Effects of Sunol-cH36 in Patients with Acute Lung Injury (Sunol/Tanox)
MVISG	(1998) Mechanical Ventilation International Study Group. Prospective observational study for usual practice for setting tidal volume and other ventilatory parameters in patients with adult respiratory distress syndrome

Brain Resuscitation

BRCT-2	(1985-1988) Brain Resuscitation Clinical Trial-2. The use of a calcium entry blocker in limiting brain damage after cardiac arrest. Coordinating center: University of Pittsburgh, PA.
BRCT-3	(1990- 1992) Brain Resuscitation Clinical Trial-3. Escalating high dose epinephrine during ACLS to enhance cerebral reperfusion after cardiac arrest. Coordinating center: University of Pittsburgh, PA.

Acute Pulmonary Embolism/DVT

TIPE	(1990-1992) Thrombolysis in Pulmonary Embolism Trial. A study to determine the usefulness of tissue plasminogen activator (t-PA) as compared to heparin. Coordinating center: Brigham and Women's Hospital, Boston, MA.
RD	(1990-1991) Comparison of the Efficacy and Safety of Subcutaneous RD HEPARIN vs Aspirin for the Prevention of Deep-Vein Thrombosis in Patients Undergoing Unilateral Elective Hip or Knee Replacement Surgery. Wyeth-Ayers Research: Philadelphia, PA.
TIPE 3	(1991) Bolus TPA for Acute PE. Coordinating center: Brigham and Women's Hospital, Boston, MA.
TIPE 5	(1991-1992) Urokinase vs. TPA. Coordinating center; Brigham and Women's Hospital, Boston, MA.
LOVENOX	(1994-1996) A randomized, open-label, parallel group comparison of the safety and efficacy of Lovenox (enoxaparin) injection vs. Coumadin (adjusted dose warfarin) in the prevention of thromboembolic disease following hip replacement surgery
DVT	(1996) Phase III Clinical Trial Evaluating the Safety and Efficacy of Technetium Tc99mP280 in the Detection and Localization of Acute Venous Thrombosis by Gamma Scintigraphy compared with Contrast Venography. Diatide.
STRIPE-1	Three Dosing Regimens of Streptokinase plus Heparin versus Heparin alone for Treatment of High Risk Patients with Acute Pulmonary Embolism (PE). Behringwerke AG.
DVT	(start 1997) Randomized, Open Label Trial of Twice Daily Lovenox (Enoxaparin) versus Low-Dose Heparin in the Prevention of Deep Vein Thrombosis in Medical Intensive Care Unit Patients. Rhone-Poulenc Rorer, Inc.
DVT/PE:	(1998-99) A Multi-Center, Multinational, Randomized, Double-Blind Comparison of Subcutaneous SR90107A/ORG 31450 with Enoxaparin the Prevention of Deep Venous Thrombosis and Symptomatic Pulmonary Embolism after Elective Hip Replacement or a Revision. (Sanofi-Syntholabo)
MATISSE	(2000-2002) MATISSE: A Multi-center, Open-label Study Comparing the Efficacy and Safety of Once-daily ORG31450/SR90107A versus Adjusted-dose Intravenous Unfractionated Heparin in the Initial Treatment of acute Symptomatic Pulmonary Embolism (Organon/Sanofi-Syntholabo)

VAN GOGH (2004-2005) A multi-center international randomized, open-label, Assessor-Blind, Non-Inferiority Study Comparing the Efficacy & Safety of once-weekly Subcutaneous SanOrg34006 with combination of (LMW) Heparin & Vitamin K Antagonist (VKA) in the Treatment of Acute Symptomatic PE (Organon/Sanofi-Syntholab)

EXCLAIM (2003-2005) A Double-Blind, Placebo Controlled, Parallel Multicenter Study of Extended VTE Prophylaxis in Acutely Ill Medical Patients with Prolonged Immobilization. (Aventis)

Sepsis

MAB-T88 (1992-1994) Pivotal Study of Human MAB-T88 in Patients with Gram- Negative Sepsis. Cetus Oncology Corporation: Emeryville, CA.

546C88 (1996) An International, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Dose-Titration, Safety and Efficacy Study of L-N^g-Methylarginine Hydrochloride Salt (546C88) in Patients with Septic Shock. Glaxo Wellcome

SEPSIS (1996) An International, Multicenter, Observational Study of Health Care Resource Use and Employment Status in Patients Who Have Experienced Septic Shock - A Follow-Up Study for Patients Participating in Study 144-02. Glaxo Wellcome.

SEPSIS (1996-1997) A Phase 2 Study to Determine the Safety, Pharmacokinetics, and Effective Dose Range and Dosing Duration for Recombinant Activated Protein C(rAPC) in Severe Sepsis. Eli Lilly.

546C88 (1997-98) An International, Randomized, Double-Blind, Placebo-Controlled Study of the Efficacy and Safety of L-N^g-Methylarginine Hydrochloride Salt (546C88) in Patients with Septic shock

SEGARD (1998-99) SEGARD: A Randomized, Placebo-controlled Trial of MAKL195F in Sepsis with Hyperinflammatory Response (Knoll Pharmaceutical Company)

PROWESS (1998-2000) PROWESS: A Phase 3 Study to Determine the Efficacy and Safety of Recombinant Human Activated Protein C (rhAPC) in Severe Sepsis. (Eli Lilly & Company)

OPTIMIST/tfp007 (2000-2001) A Multi-center, Double-blind, Placebo-controlled, Randomized Phase 3 Study of Tifacogin in Severe Sepsis (Chiron-Searle Corporation)

FIK-MC-EVBI (2001) Long-term Follow-up of Survivors from the PROWESS Trial, an observational study. (Eli Lilly & Company)

ENHANCE (2001) ENHANCE: An Open-label Study of Recombinant Human Activated Protein C in Severe Sepsis – a Phase 3b Clinical Trial. (Eli Lilly & Company)

E5564-A001-201 (2001-2003) A Double Blind, Placebo-Controlled, Study of E5564, A Lipid A Antagonist, Administered by Twice Daily Intravenous Infusions in Patients with Severe Sepsis (E5564-A001-201). (Eisai)

COMPASS (2002-2003) COMPASS. A Phase 2 study to Demonstrate the Safety and Efficacy of Recombinant Human Platelet-Activating Factor Acetylhydrolase for Reducing 28-day all-cause mortality in Patients with Severe Sepsis. (ICOS Corp).

XPRESS (2002-2005) A Randomized, Double-blind, Placebo-controlled Trial of Prophylactic Heparin in Patients with Severe Sepsis and Higher Disease Severity Who are Undergoing Treatment with Drotrecogin Alfa (Activated) (Eli Lilly)

F1K-US-EVBS (2002-2004) The Pharmacokinetics of Drotrecogin Alpha (activated) in Patients >160 kg with Severe Sepsis. (Eli Lilly)

ADDRESS (2002-2005) F1K-MC-EVCL: Efficacy and Safety of Drotrecogin Alfa (activated) in Adult Patients with Early Stage Severe Sepsis. (Eli Lilly)

F1K-US-EVCR (2003-2004) Xigris Evaluation in the United States. (Eli Lilly)

SEPSIS (????) A Phase 3 Study to Demonstrate the Safety & Efficacy of Recombinant Human Platelet-Activating Factor Acetylhydrolase (rPAF-AH, Pafase) for Reducing 28 Day All Cause Mortality in Patients with Severe Sepsis (ICOS)

LIPOS (2004-2005) A Prospective, Randomized, Double blind, Placebo Controlled, Dose Ranging Study of the Safety and Efficacy of Three Days Continuous Intravenous Infusion of GR270773 in the Treatment of Suspected or Confirmed Gram-negative Severe Sepsis in Adults (GlaxoSmithKline)

PROGRESS (2004) Promoting Global Research Excellence in Severe Sepsis: An International Observational Study Among Severe Sepsis Patients Treated in the Intensive Care Unit (Eli Lilly)

TFP007 (????) A Multicenter, Double-Blind, Placebo-Controlled, Randomized, Phase III Study of Tifacogin (Recombinant Tissue Factor Pathway Inhibitor (rTFPI/SC-59735) in Severe Sepsis (Chiron/Searle)

Stroke

LUB-INT-9 (1995-96) Lubeluzole: Effects of Intravenous Therapy in Subjects with Acute Ischemic Stroke. A Placebo-Controlled, Double-Blind, Randomized Multicenter Trial. (LUB-INT-9) Janssen Pharmaceutica

LUB-INT-13 (1996-1998) Lubeluzole in Acute Ischemic Stroke Treatment: A double-Blind Study with an 8-Hour Inclusion Window, Comparing a 10 mg. Daily Dose of Lubeluzole with Placebo. (LUB-INT-13) Janssen Pharmaceutica.

LES-01 (1995-96) Evaluation of the Efficacy and Safety of Eliprodil in Patients with Acute Ischemic Stroke. (LES-01) Lorex Company

LES-02 (1996) Assessment of the Efficacy and Safety of Eliprodil in Patients with Acute Ischemic Stroke. (LES-02) Lorex Company

CLASS-I (1997-2000) The Clomethiazole Acute Stroke Study in Ischemic Stroke (CLASS-I): A double blind, parallel group, multinational, multicenter study of the efficacy and safety of I.V. Clomethiazole compared to placebo in patients with acute ischemic stroke.

CLASS-H (1997-2000) The Clomethiazole Acute Stroke Study in intracerebral hemorrhage (CLASS-H): A double blind, parallel group, multinational, multicenter study of the efficacy and safety of I. V. Clomethiazole compared to placebo in patients with acute intracerebral hemorrhage. (1997-98)

CLASS-T (1997-2000) The Clomethiazole Acute Stroke Study in t-PA treated Ischemic Stroke (CLASS-T): A double blind, parallel group, multinational, multicenter study of the efficacy and safety of i.v. Clomethiazole compared to placebo in patients treated with t-PA (tissue plasminogen activator) for acute ischemic stroke.

ELI LILLY (1998) Abciximab in Acute Ischemic Stroke: A Randomized, Double-Blind, Placebo-Controlled, Phase II, Dose-Escalation Study

GAIN	(1998-99) An International, Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Assess over Three Months the Safety, Efficacy and Pharmacoeconomics of an 800 mg Loading Dose and Five 200 mg Maintenance Doses of GV150526 in the Treatment of Patients with Clinical Diagnosis of Acute Stroke (GAIN AMERICAS) GlaxoWellcome
IMAGES	(1999-2002) IMAGES Protocol v2A: An International, Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel Group Study to Assess the Efficacy of Magnesium Sulfate given within 12 Hours of Acute Stroke. University of Glasgow, Scotland
POST	(1999-2001) A Double-Blind, Placebo-Controlled, Safety, Efficacy and Dose-Response Trial of Three Intravenous Doses of BMS-204352 in Patients with Acute Stroke. Bristol-Myers Squibb
GAIN	(1999-2000) Glycine Antagonist in Neuroprotection for Patients with Acute Stroke. GAIN Americas: A Randomized Controlled Trial. Glaxo Wellcome
ARTIST	(2001-2003) ARTIST: A Multi-Center, Stratified, Randomized, Double-blind, Placebo-controlled Study to Evaluate Neurologic Function and Disability in Patients with Acute Ischemic Stroke Given Tissue Plasminogen Activator Plus YM872 or Tissue Plasminogen Activator Plus Placebo (Yamanouchi USA Inc.)
AbESTT-II	(????) Abciximab (ReoPro) in Acute Ischemic Stroke: A Phase III, Multinational, Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial. Protocol C0116T41 (Eli Lilly)
REACT	(2002-2005) A Randomized, Double-Blinded, Placebo-Controlled, Multi-Center Study of the Effects of ONO-2506 Intravenous Infusion on the Amelioration of Neurological Damage and Improvement of Stroke Assessment Scale Scores in Patients with Acute Ischemic Stroke. (Prot. #2506/INT0104) (Ono Pharmaceuticals USA)
SAINT II	(2002-2005) Double Blind, Randomized, Placebo Controlled, Parallel Group, Multicenter, Phase IIb/III Study to Assess the Efficacy and Safety of Intravenous NXY-059 in Acute Ischemic Stroke. Protocol No. SA-NXY-0007 (Astra Zeneca)
CHANT	(2004-2005) A double blind, randomized, placebo controlled parallel group, multicenter, Phase IIb study to assess safety and tolerability of 72 hours intravenous infusion of NXY-059 in adult patients with acute intracerebral hemorrhage. (Astra Zeneca)

STROKE (2005) A multicenter, randomized, double blind, placebo controlled, ascending-dose study of the safety, pharmacokinetics, and pharmacodynamics of a single, 1 hour infusion of TS-011 in acute ischemic stroke patients

DIAS-2 (2005) Desmoteplase (INN) in Acute Ischemic Stroke: A Prospective, Double-blind, Placebo-controlled, Single Bolus, Multinational, Multicenter, Parallel Group, Dose-Ranging Study of Desmoteplase in the Indication of Acute Stroke.

MISC

PROCRT (2000-2001) Critical Care Initiative – Clinical Study PROO-15-010: A prospective, Multi-center Study of the Anemia of Critical Illness and Transfusion in the Critically Ill Patient. (Ortho-Biotech Inc.)

STRESS ULCER OSB-IR-CO3. A Comparison of Omeprazole Sodium Bicarbonate Immediate-Release Powder for Suspension to Intravenous Cimetidine for the Prevention of Upper Gastrointestinal Bleeding In Critically Ill Patients. (Santarus, Inc.)

SEDATION (2004-2005) A Phase 4, randomized, double blind, multi-center. Comparator study evaluating the safety and efficacy of dexmedetomidine to IV midazolam in ICU subjects requiring greater than twenty four hours of continuous sedation (Hospira)

Device Trials

DEVICE (1999) A Study to Compare the Handling Characteristics of Two Thermolution Pulmonary Artery Catheters. Abbott Laboratories

LILLY - RESEARCH ACTIVITIES – Clinical Research Physician

RESPOND - Xigris

PROWESS-SHOCK – Xigris

TADS - Effient

TAEH - Effient

TCAH - Liprotamase

TACX – Effient (Sickle Cell)

TADO – Effient (Sickle Cell)

TSAT – Axiron (Hypogonadism)

LVJD – Tadalafil (PPHN)

Inflammatory Bowel Disease – JAK inhibitor

SPEAKER/INVITED LECTURE

Akron General Medical Center, Instructor: Critical Care Nursing Review Course, Akron, Ohio, 1981

Ohio Edison Executive Board, "Stress Management," 1982

Akron General Medical Center, Respiratory Therapy Department, Swan-Ganz Instructor, Akron, Ohio, 1982-1983

Akron General Medical Center, EKG Conference, 1982-1983

Akron City Hospital, Surgical Technicians, "Swan Ganz," November, 1982

Akron General Medical Center, OB Grand Rounds, "Pregnancy and Heart Disease," October, 1983

Ohio Edison Executive Board, "Diet Management," November, 1983

Akron General Medical Center, Emergency Medicine Grand Rounds, "Cardiogenic Shock," December 7, 1983

Akron General Medical Center, Critical Care Nursing Inservice, "Defibrillation and CPR," December, 1983

Medical Assistants of Summit County, "Stress Management," May, 1984

Akron General Medical Center, Critical Care Nursing Inservice, "SvO2 Catheters," December, 1984

Summit County Medical Society Women's Auxiliary, "Medical Ethics," Akron, Ohio, January 15, 1985

American College of Emergency Medicine, Board Review-Cardiology, Columbus, Ohio, September, 1985

Annual C.C. Roussi, M.D. Memorial Symposium in Toxicology, "Intensive Care Management of the Overdose Patient," Akron, Ohio, April 16, 1986

American College of Emergency Physicians, Board Review-Cardiology I & II. Columbus, Ohio, September 28, 1986

Akron General Medical Center, Orthopedic Grand Rounds, "Fat Emboli and ARDS," October 3, 1986

Critical Care Issues 1986, "Brain Resuscitation," Akron, Ohio, October 15, 1986

Hutzel Hospital, "Congestive Heart Failure," Detroit, Michigan, November 12, 1986
Akron General Medical Center, OB/GYN Grand Rounds, "Gravely Ill Gravidia," November 21, 1986

Akron General Medical Center, Emergency Medicine Grand Rounds, "Brain Resuscitation," December 9, 1986

Grandview Hospital, Medical Grand Rounds, "Neurological Intensive Care," Dayton, Ohio, March 13, 1987

Doctor's Hospital, "Use of Calcium Channel Blockers in the Treatment of Angina and Hypertension," Canton, Ohio, April 15, 1987

Cuyahoga Falls General Hospital, Medical Grand Rounds, "Brain Resuscitation," October 8, 1987

Northeastern Ohio Universities College of Medicine, Principles of Medical Science Course, "Acute Pericarditis," October 14, 1987

Akron General Medical Center, Emergency Medicine Grand Rounds, "Pulmonary Edema and Smoke Inhalation," December 1, 1987

Akron General Medical Center, Intensive and Coronary Nursing Staff, "Prophylaxis for Stress Ulcers in the ICU," April 5, 1988

Akron General Medical Center, Nursing Staff, "DKA Pathophysiology and Management," April 19, 1988

Cuyahoga Falls General Hospital, Medical Staff, "Forgotten Ions," Cuyahoga Falls, Ohio, May 17, 1988

Doctor's Hospital, Noon Conference for Medical Staff, "Inotropes," Massillon, Ohio, May 25, 1988

Akron General Medical Center, Emergency Medicine Grand Rounds, "Hypertensive Emergencies," June 21, 1988

Akron General Medical Center, Medical Grand Rounds, "Intensive Care Monitoring and Treatment of the Neurological Patient," August 17, 1988

Akron General Medical Center, Emergency Medicine Grand Rounds, "Respiratory Failure and Acid Base Balance," November 8, 1988

Cuyahoga Falls General Hospital, Resident Staff, "H2 Antagonists," Cuyahoga Falls, Ohio, November 11, 1988

Akron General Medical Center, OB/GYN Grand Rounds, "Obstetrical Critical Care," November 18, 1988

Edwin Shaw Hospital, "Acute Care of the Head Injured," December 20, 1988

Grandview Hospital, "Non-Cardiac vs. Cardiac Pulmonary Edema," Dayton, Ohio, April 17, 1989

Akron area Residents and Attendings, "Pathogenesis and Prophylaxis of Stress Ulcers," Akron, Ohio, April 10, 1989

American Heart Association Nursing Seminar, "Research In Thrombolytic Therapy," Akron, Ohio, May 12, 1989

West Side Family Practice Conference, "Nutritional Assessment in the ICU," May 17, 1989

Medina General Hospital Grand Rounds, "Management of Peptic Ulcer Disease," May 22, 1989

Cuyahoga Falls General Hospital Grand Rounds, "Congestive Heart Failure With Normal Ejection Fraction," Cuyahoga Falls, Ohio, May 24, 1989

Kaiser Permanente Hospital Grand Rounds, "Stress Ulcer Prophylaxis," October 4, 1989

Doctor's Hospital, "Pulmonary Edema," Massillon, Ohio, October 24, 1989

Barberton Hospital Family Practice, Resident Grand Rounds, "Stress Ulcer Prophylaxis," October 26, 1989

Ohio Chapter - American Society of Parenteral and Enteral Nutrition "Indirect Calorimetry," Columbus, Ohio, October 27, 1989

Cuyahoga Falls General Hospital Grand Rounds, "Stress Related Mucosal Damage,"
Cuyahoga Falls, Ohio, November 1, 1989

Mahoning County Dietetic Association, "Indirect Calorimetry," Warren, Ohio,
November 1, 1989

Akron General Medical Center, Cardiovascular Nursing Seminar, "Pulmonary Edema:
Cardiogenic vs Non-Cardiogenic," November 6, 1989

Youngstown Physicians, "Stress Ulcer Prophylaxis in the ICU," Warren, Ohio,
November 16, 1989

Akron General Medical Center, OB-GYN Grand Rounds, "HELLP Syndrome,"
December 8, 1989

Owosso Memorial Hospital, "Stress Ulcer in the Intensive Care Unit," Owosso,
Michigan, December 13, 1989

WVSOM's 7th Annual Mid-Winter Osteopathic Seminar, "Thrombolytic Therapy,"
Charleston, West Virginia, February 17, 1990

3-Speaker Symposium, "Stress Ulcers," Grand Rapids, Michigan, March 10, 1990

Western States Osteopathic Convention, "Brain Resuscitation," Las Vegas, Nevada,
March 28-April 1, 1990

"Stress Ulcer Prophylaxis," Detroit, Michigan, May 7, 1990

Oakland General Hospital, "Stress Ulcer Prophylaxis," Warren, Michigan, May 8, 1990

Pontiac Osteopathic Hospital, "Stress Ulcer Prophylaxis," Pontiac, Michigan, May 8,
1990

"Stress Ulcer Prophylaxis," Flint, Michigan, May 8, 1990

"Stress Ulcer Prophylaxis," Detroit, Michigan, May 17, 1990

Detroit Osteopathic Hospital, "Stress Ulcer Prophylaxis," Detroit, Michigan, May 18,
1990

Riverside Osteopathic Hospital, "Stress Ulcer Prophylaxis," Trenton, Michigan, May 18,
1990

Northeastern Ohio Critical Care Society, "Stress Ulceration," Youngstown, Ohio, June 7,
1990

"Stress Ulceration," E. Lansing, Michigan, June 13, 1990

Round Table Discussion, "Stress Ulceration," Willoughby, Ohio, June 14, 1990

Akron General Medical Center, Nursing Staff, "Septic Shock," July 10, 1990

Akron General Medical Center, Respiratory Therapy Staff, "Indirect Calorimetry," July 12, 1990

Akron General Medical Center, Department of Orthopaedics, "Stress Ulceration," August 21, 1990

Meridian Huron Hospital, Nutritional Support in Critical Care Conference, "Indirect Calorimetry," Cleveland, Ohio, September 5, 1990

"Stress Ulceration," Canton, Ohio, September 11-12, 1990

Sable Oaks, "Upper GI Bleeding in the Hospital Patient," Portland, Maine, September 13, 1990

Doctor's Hospital, "Stress Ulceration," Massillon, Ohio, September 26, 1990

"Stress Ulceration," Toledo, Ohio, September 26, 1990

Northeast Ohio Universities College of Medicine, "Pericardial Disease," October 3, 1990

Washington Hospital Center, "Brain Resuscitation," Washington, DC, October 9, 1990

Dover Union Hospital, Cardiology Update '90, "Pulmonary Edema," Dover, Ohio, October 17, 1990

Doctor's Hospital, "Enteral Feeding in the Critically Ill," Massillon, Ohio, October 24, 1990

St. Elizabeth Hospital, "Stress Ulceration," Youngstown, Ohio, October 30, 1990

St. Thomas Hospital, Current Concepts in Nutrition Conference, "Indirect Calorimetry and Nutritional Assessment," Akron, Ohio, November 14, 1990

Samaritan Health Center, "Intravenous H₂ Antagonist Therapy in Clinical Pharmacy," Detroit, Michigan, November 15, 1990

Detroit Receiving Hospital, "Intravenous H₂ Antagonist Therapy in Clinical Pharmacy," Detroit, Michigan, November 15, 1990

"Stress Ulcerations," Phoenix, Arizona, January 28, 1991

"Enteral Nutrition in Critically Ill Patients," Akron, Ohio, January 31, 1991

"Thrombolytic Therapy and Pulmonary Embolus," Akron, Ohio, February 12, 1991

Scientific Seminar, American Assoc. of Osteopathic Specialists, "Paralytic and Sedative Agents in the ICU," Park City, Utah, February 6-10, 1991

Osteopathic Physicians and Surgeons of California, "Gastrointestinal Complications of the Critically Ill Patient," Anaheim, California, February 20-24, 1991

Richmond Heights Hospital, "Thrombolytic Therapy," Cleveland, Ohio, February 27, 1991

Critical Care Symposium, "Stress Ulcers," Las Vegas, Nevada, March 12, 1991

Cuyahoga Falls General Hospital Grand Rounds, "Brain Resuscitation," Cuyahoga Falls, Ohio, March 13, 1991

Cleveland Clinic Anesthesia Grand Rounds, "Stress Ulceration," Cleveland, Ohio, April 8, 1991

Brentwood Osteopathic Physicians, "Stress Ulceration," Cleveland, Ohio, April 9, 1991

Cuyahoga Falls General Hospital Residents, "Stress Ulceration," Cuyahoga Falls, Ohio, April 16, 1991

Akron General Hospital Residents, "Stress Ulceration," Akron, Ohio, April 24, 1991

"Thrombolytic Therapy in Pulmonary Embolism," Akron, Ohio, May 1, 1991

Northeastern Ohio Universities College of Medicine, "Hemodynamic Evaluation of Cardiogenic Shock," Rootstown, Ohio, May 2, 1991

Philadelphia College of Osteopathic Medicine, "Nutrition in the Critically Ill," Philadelphia, PA, May 6, 1991

St. Clare's Hospital, Roundtable Discussion, "Thrombolytics Post ISIS-3," Albany, New York, May 7, 1991

Pacific Hospital of Long Beach, "Rationale & Therapeutic Goals of Intravenous H2 Antagonist Therapy," Long Beach, California, June 18, 1991

"Paralytic & Sedative Agents in the ICU," Memphis, TN, July 10, 1991

Mercy Hospital Medical Grand Rounds, "Thombolytic Therapy in Pulmonary Embolism," Pittsburgh, PA, August 21, 1991

Le Lafayette Hospital, "Gastrointestinal Complications of the Critically Ill Patient," Fredericksburg, Virginia, August 22, 1991

Critical Care Journal Club, "Tracrium Infusion in ICU/CCU," Akron, Ohio, August 29, 1991

"Management of Peptic Ulcer Disease in the Multi-Risk Patient," Akron, Ohio, September 11, 1991

Western Pennsylvania Osteopathic Refresher Course, "Thrombolytic Therapy," Middlesex, Pennsylvania, September 15, 1991

St. Claire Hospital, "Stress Ulceration," Tacoma, Washington, September 23, 1991

Akron City Hospital, "New Trends in Cardiopulmonary Medicine/Indirect Calorimetry," Akron, Ohio, October 2, 1991

Cuyahoga Falls General Hospital, Medical Grand Rounds, "Critical Care Nutrition," Cuyahoga Falls, Ohio, October 9, 1991

New England Osteopathic Association, "Treatment of the Post MI Patient," Newport, Rhode Island, October 17, 1991

Akron General Medical Center, "Tricyclic Overdoses," Akron, Ohio, December 12, 1991

Akron General Medical Center, "The Critically Ill OB/GYN Patient," Akron, Ohio, December 13, 1991

Akron General Medical Center, "Disorders of Calcium and Magnesium," Akron, Ohio, December 16, 1991

Doctor's Hospital, "Stress Ulcer Prophylaxis in the Critically Ill," Columbus, Ohio, January 23, 1992

Gulfport Memorial Hospital, "Stress Ulcer Prophylaxis in the Critically Ill," Gulfport, Mississippi, February 20, 1992

Gulfport Memorial Hospital, "Treatment of Post MI Patients," Gulfport, Mississippi, February 20, 1992

"Stress Related Mucosal Damage In The Intensive Care Unit," Lansing, Michigan, June 2, 1992

Akron General Medical Center, Post Graduate Day, "Hemodynamics," Akron, Ohio, June, 1992

Cuyahoga Falls General Hospital, "GI Complications of Critically Ill Patient," Cuyahoga Falls, Ohio, July 28, 1992

"Complications of Gastroesophageal Reflux," Beechwood, Ohio, August 19, 1992

21st Annual Northeastern Osteopathic Assembly, "Treatment of Atrial Fibrillation – Flutter," North Conway, New Hampshire, September 10-13, 1992

"Neuromuscular Blockers," Flint, Michigan, September 15, 1992

Critical Care Group, "GI Complications of the Critically Ill," Akron, Ohio, November 30, 1992

Mt. Carmel Medical Center, "GI Complications in Critically Ill Patients," Columbus, Ohio, January 14, 1993

Commerce Club of America, "Hyperbaric Oxygen Therapy," Akron, Ohio, February 24, 1993

Cuyahoga Falls General Hospital, Family Practice Grand Rounds, "Hyperbaric Oxygen Therapy," Cuyahoga Falls, Ohio, March 1, 1993

Timken Mercy Medical Center, Medical Grand Rounds, "Pulmonary Embolic Disease," Canton, Ohio, May 13, 1993

Akron General Medical Center, Ortho Grand Rounds, "Fat Emboli Syndrome," Akron, Ohio, June 18, 1993

Akron General Medical Center, Medical Grand Rounds, Half-Day Conference, "Venous Thrombosis," Akron, Ohio, August 11, 1993

University of Health Sciences, College of Osteopathic Medicine Alumni Association Annual Review Course in Clinical Medicine, "Stress Related Mucosal Damage in ICU," Kansas City, MO, September 11, 1993

Tulsa Regional Hospital, Medical Grand Rounds, "Thrombolytic Therapy," Tulsa, Oklahoma, September 15, 1993

Northeastern Ohio University College of Medicine, "Pericardial Disease," Rootstown, Ohio, September 29, 1993

Cuyahoga Falls General Hospital, Medical Grand Rounds, "Neuromuscular Blockers in the ICU," Cuyahoga Falls, Ohio, October 6, 1993

SUMMA Health System, OB-GYN Grand Rounds, "Critically Ill OB-GYN Patient," Akron, Ohio, October 8, 1993

American Lung Association, "Medical Management of ARDS," SawMill Creek, Huron, Ohio, October 26, 1993

St. Elizabeth Hospital Medical Center, 4th Annual Nutrition Symposium, "Clinical Experience with Gas Exchange Indirect Calorimetry at a University Affiliated Community Hospital," Youngstown, Ohio, October 28, 1993

Doctor's Hospital, Medical Grand Rounds, "Thrombolytic Therapy," Columbus, Ohio, November 12, 1993

Cuyahoga Falls General Hospital, Medical Staff, "Thrombolytic Therapy," Cuyahoga Falls, Ohio, February 16, 1994

King's Daughters Medical Center, Fourth Annual Cardiopulmonary Conference, "Thrombolytic Therapy," Ashland, Kentucky, February 17, 1994

Akron General Medical Center, OB-GYN Grand Rounds, "Critically Ill OB-GYN," Akron, Ohio, March 18, 1994

Akron General Medical Center, New Concepts In Stroke Conference, "Brain Resuscitation in Stroke Patients," Akron, Ohio, April 13, 1994

Northeastern Ohio Universities College of Medicine, "Update on Acute Care of Stroke," Rootstown, Ohio, May 2, 1994

Akron General Medical Center, Orthopedic Grand Rounds, "DVT & Pulmonary Embolism Prophylaxis in Orthopedic Surgery," Akron, Ohio, May 24, 1994

St. Vincent Charity Hospital, "Clinical Applications of Indirect Calorimetry Monitoring," Cleveland, Ohio, June 3, 1994

Akron General Medical Center, Nurse Anesthetist Post Grad Day, "Paraletic Agents in the ICU," Akron, Ohio, June 13, 1994

Akron General Medical Center, Nursing In-Service, "Adult Respiratory Distress Syndrome," Akron, Ohio, July 14, 1994

Dallas/Fort Worth Medical Center, "Thrombolytic Therapy," Grand Prairie, Texas, July 26, 1994

Northeast Community Hospital, "Thrombolytic Therapy," Bedford, Texas, July 27, 1994

Akron General Medical Center, Grand Rounds, "DVT and Pulmonary Embolism Prophylaxis in Orthopedic Surgery," Akron, Ohio, August 17, 1994

Akron General Medical Center, Grand Rounds, "Adult Respiratory Distress Syndrome," Akron, Ohio, September 6, 1994

Cuyahoga Falls General Hospital, Grand Rounds, "Enteral Feeding," Cuyahoga Falls, Ohio, September 7, 1994

Northeastern Ohio Universities College of Medicine, "Pericardial Disease," Rootstown, Ohio, October 5, 1994

Firelands Community Hospital, Grand Rounds, "Thrombolytic Therapy," Sandusky, Ohio, November 2, 1994

Harrison Memorial Hospital, "Thrombolytic Therapy," Cynthiana, Kentucky, December 1, 1994

Northeastern Ohio Universities College of Medicine Subsection Nutrition Lecture for Year II NEOUCOM, "Protein-Energy Malnutrition and Nutrient Requirements and Assessment," Rootstown, Ohio, January 4, 1995

Trumbull Memorial Hospital, Medicine Grand Rounds "One Year Post Gusto," Warren, Ohio, January 10, 1995

Cleveland Academy of Osteopathic Medicine, "GI-Stress Ulcers," Cleveland, Ohio, January 20, 1995

Cuyahoga Falls General Hospital, Grand Rounds "Skeletal Muscle Relaxants," Cuyahoga Falls, Ohio, February 22, 1995

Peak-N-Peak Resort, Primary Care '95 - Advances in Therapy for Acid-Related Diseases, "Stress-Related Mucosal Damage in the Intensive Care Patient," Clymer, New York, March 3, 1995

Peak-N-Peak Resort, Primary Care '95 – Advances in Therapy for Acid-Related Diseases, "Non-Cardiac Chest Pain," Clymer, New York, March 4, 1995

University of North Texas Health Science Center, Medical Grand Rounds, "Thrombolytic Therapy," Fort Worth, Texas, June 7, 1995

University Of Wisconsin-Madison Medical School, Consultant & Discussant, "Issues and Controversies in Anesthesia: Focus on Neuromuscular Blocking Agents," Denver, Colorado, June 23-24, 1995

Akron General Medical Center, Resident Lecture Series, "Swan Ganz," Akron, Ohio, July 18, 1995

Liberty Brewery, Attending Staff of Akron General Medical Center, "Diagnosis & Treatment Hypertension Workshop," Akron, Ohio, July 31, 1995

Akron General Medical Center, Obstetrics/Gynecology Lecture Series, "ARDS, Acute Hypertension, Preeclampsia, and Shock," Akron, Ohio, August 11, 1995

Akron General Medical Center, "Non-Cardiac Chest Pain," Akron, Ohio, August 28, 1995

Cape Fear Valley Hospital, Grand Rounds, "Paralytic Agents In the ICU," Fayetteville, North Carolina, August 29, 1995

Cape Fear Valley Hospital, Nursing In-Service, "Paralytic Agents in the ICU," Fayetteville, North Carolina, August 30, 1995

University of Kansas, Pulmonary Critical Care Fellowship Lecture Series "Neuromuscular Blockades In The ICU," Kansas City, Kansas, September 5, 1995

Annual UHS-COM Alumni Association Conference, "Non-Cardiac Chest Pain," Kansas City, Missouri, September 8, 1995

Sheraton, Consultant /Lecturer for Organon, "Neuromuscular Blockades In The ICU," Cuyahoga Falls, Ohio, September 11, 1995

Northeastern Ohio Universities College of Medicine, Cardiology Lecture Series for Year II NEOUCOM Students, "Pericardial Disease," Rootstown, Ohio, October 11, 1995

Beau's Tavern, "Management of Peptic Ulcer Disease in the Multi-Risk Patient," Akron, Ohio, October 23, 1995

Akron General Medical Center, Medical Grand Rounds, "Hypertensive Crisis," Akron, Ohio, November 15, 1995

Enid Country Club, Guest Lecturer, "Thrombolytic Therapy," Enid, Oklahoma, November 21, 1995

Akron General Medical Center, Orthopedic Resident Lecture Series, "DVT and Pulmonary Embolism Prophylaxis in Orthopedic Surgery," Akron, Ohio, December 5, 1995

Doctor's Hospital, Medical Grand Rounds, "Non-Cardiac Chest Pain," Columbus, Ohio, December 14, 1995

Northeastern Ohio Universities College of Medicine, Subsection Nutritious Lecture Series for Year II NEOUCOM Students, Rootstown, Ohio, January 10, 1996

Akron General Medical Center, Medical Grand Rounds, "Thrombolytic Treatment of Stroke," Akron, Ohio, February 19, 1996

Licking County Memorial Hospital, Medical Grand Rounds, "Recent Advances in Critical Care," Newark, Ohio, March 4, 1996

Cuyahoga Falls General Hospital, Medical Grand Rounds, "Cardiovascular Effects of Angiotension II and Receptor Antagonist," Cuyahoga Falls, Ohio, May 29, 1996

Cuyahoga Falls General Hospital, "Cozaar," Cuyahoga Falls, Ohio, June 5, 1996

Akron General Medical Center, Resident Lecture Series, "Delirium in Critically Ill Patients," Akron, Ohio, July 10, 1996

Akron General Medical Center, Medical Grand Rounds, "Pulmonary Embolus: Diagnosis and Treatment," Akron, OH, August 13, 1996

Portage Country Club, Akron General Medical Center Development Foundation Workshop, "TPA & Stroke," Akron, OH, September 12, 1996

The Registry Resort, Akron General Medical Center Development Foundation Board, "TPA & Stroke," Naples, FL, March 18, 1997

Meridia at Southport, Resident Lecture Series, "ICU Topics," Cleveland, Ohio, April 15, 1997

Akron General Medical Center Health & Wellness Center, Public Awareness Prevention, "TPA & Stroke," Fairlawn, Ohio, April 17, 1997

City of Akron Health Department, "TPA & Stroke," Akron, Ohio, May 14, 1997

1997 National Teaching Institute and Critical Care Exposition, "Acute Arrhythmias: New Therapeutic Options," Orlando, FL, May 21, 1997

Akron General Medical Center, Health & Wellness Center, Guest Lecturer, "Stroke Management and Therapies for Pre Hospital Providers," Akron, Ohio, January 12, 1998

West Virginia School of Osteopathic Medicine, 15th Annual Mid-Winter Osteopathic Seminar, Guest Lecturer, "New Concepts in Therapy for Strokes," Charleston, WV, February 21, 1998

American Heart Association, A Cardiovascular Seminar for Nurses, Guest Lecturer, "Approaches to the Treatment of Acute Ischemic Stroke," Cuyahoga Falls, Ohio, May 1, 1998

Akron General Medical Center, Anesthesia Department, 11th Annual Post Anesthesia Graduation Day Conference, Guest Lecturer, "Stroke Therapy," Akron, Ohio, June 8, 1998

Akron General Medical Center, Grand Rounds, "Hypertensive Urgencies & Emergencies," Akron, Ohio, January 6, 1999

Akron General Medical Center, Staff Development Department, Guest Lecturer, "Stroke Therapy Déjà vu or New Horizons," Akron, Ohio, February 17, 1999

American Heart Association, The Pilot Club of Akron, Guest Lecturer, "Women's Health – Stroke Issues," Akron, Ohio, March 13, 1999

Northeast CORE Education Day, Ohio University College of Osteopathic Medicine, Guest Lecturer, "Stroke Therapy," Sagamore Hills, Ohio, April 22, 1999

Mount Carmel Health System, Guest Lecturer, "Procedural Sedation & Difficult Airway Management," Columbus, Ohio, April 23, 1999

Akron General Medical Center, Grand Rounds, "Critical Care Y2K Medicine for the New Millennium," Akron, Ohio, May 19, 1999

Akron General Medical Center, "The Current Status of Antithrombotic Therapies in the Prevention and Treatment of Stroke," Akron, Ohio, October 20, 1999

Akron General Medical Center, Department of Respiratory Therapy, "ARDS," Akron, Ohio, February 3, 2000

Ohio University College of Osteopathic Medicine, Guest Lecturer, "New Concepts in Stroke Therapy," Sagamore Hills, Ohio, May 25, 2000

Mount Carmel Health System, Guest Lecturer, "Amiodarone for Resuscitation after Out-of-Hospital Cardiac Arrest," Columbus, Ohio, August 10, 2000

Akron General Medical Center, The Maples Memorial Lecture, "ARDS: Historical Perspective and Current Trends," Akron, Ohio, October 4, 2000

"New Treatments for Sepsis," Canton, Ohio, February 13, 2001

Critical Care Center of Akron General Medical Center, "Candida Infections in Hospitalized Patients," Akron, Ohio, March 21, 2001

Critical Care Center of Akron General Medical Center, "Journal Review of Current Critical Care Concepts," Akron, Ohio, May 23, 2001

Critical Care Center of Akron General Medical Center, "Brain Injury: A Case Presentation of Success and Perseverance," Akron, Ohio, September 13, 2001

Med Flight of Ohio, Med Flight Critical Care Symposium, "Brain Attack," Columbus, Ohio, September 14, 2001

Critical Care Center of Akron General Medical Center, "Anaphylaxis," Akron, Ohio, October 3, 2001

2001 IOMS Annual Winter Conference, Illinois Osteopathic Medical Society, "Severe Sepsis", Oakbrook, Illinois, November 29 - December 2, 2001

Lilly District Meeting, Embassy Suites, "Impact of Pathophysiology of Sepsis," Cleveland, Ohio, February 15, 2002

"Impact of Pathophysiology of Sepsis," Jacksonville, Florida, February 26, 2002

Radisson Hotel, "Impact of Pathophysiology of Sepsis," Jacksonville, Florida, February 27, 2002

Luncheon with Critical Care, Pharmacy and Surgeons, "Impact of Pathophysiology of Sepsis," Jacksonville, Florida, February 27, 2002

Lockkeepers Restaurant, "Impact of Pathophysiology of Sepsis," Valley View, Ohio, March 21, 2002

Critical Care Center of Akron General Medical Center, "Critical Care Medicine: Review of Current Literature," Akron, Ohio, April 10, 2002

The Ohio County Medical Society, Inc. General Membership Meeting, "New Treatments of Sepsis," Wheeling, West Virginia, April 23, 2002

Ohio Valley Medical Center, Medical Grand Rounds, "Pathophysiology of Sepsis," Wheeling, West Virginia, April 24, 2002

"Pathophysiology of Sepsis," Indianapolis, Indiana, May 3, 2002

105th Annual Convention of the Indiana Osteopathic Association Meeting, "Impact of Pathophysiology of Sepsis," Indianapolis, Indiana, May 4, 2002

Lorain County Community College, 13th Annual Pulmonary/Critical Care Conference, "Identifying New Therapies in the Treatment of Severe Sepsis," Elyria, Ohio, May 18, 2002

Akron General Medical Center, 5th Annual Chapman Critical Care Symposium, "Sepsis-The Evolving Picture," Akron, Ohio, May 22, 2002

Akron General Medical Center, Annual Scientific Session 2002, Akron, Ohio, June 5, 2002

NISE Critical Care Symposium, Faculty Member and Presenter, "Hemodynamic Support, Ventilatory Support, Renal Support, Ethical Considerations, and Management of the Patient with Severe Sepsis," San Francisco, California, June 6-9, 2002

Southside Medical Center, "Sepsis," Petersburg, Virginia, June 20, 2002

Xigris Cases Presentations, Richmond, Virginia, June 20, 2002

Xigris Clinical Care Consultant Meeting, Co-Chairman and Presenter, Newport Beach, California, July 12-13, 2002

Xigris Clinical Care Clinical Consultant Meeting, Xigris Case Presentations, Charlotte, North Carolina, July 26-27, 2002

107th National Medical Association Annual Convention and Scientific Assembly Indiana University School of Medicine, "The Pathophysiology of Severe Sepsis," Honolulu, Hawaii, August 3-8, 2002

“Impact of Pathophysiology of Sepsis,” Akron, Ohio, September 4, 2002

“Identification and Treatment of Severe Sepsis Patients with Drotrecogin alfa (activated): A Clinical Prospective,” Barcelona, Spain, September 29 – October 2, 2002

“An Update in the Management of Complicated Intra-Abdominal Infections,” Erie, Pennsylvania, January 15, 2003

Garden City Osteopathic Hospital, “Severe Sepsis”, Teaching Rounds, Detroit, Michigan, February 5, 2003

Botsford General Hospital, “Treatment of Patients with Severe Sepsis and High Risk of Death,” Farmington Hills, Michigan, February 18-19, 2003

“Prowess and Beyond,” Caesars Palace Hotel, Las Vegas, Nevada, February 21-22, 2003

“Clinical Symposia: Severe Sepsis: The Cutting Edge,” Akron, Ohio, March 4, 2003

Garden City Osteopathic Hospital, Teaching Rounds, Detroit, Michigan, March 10, 2003

“Impact of Pathophysiology of Sepsis,” Farmington Hills, Michigan, March 18-19, 2003

Critical Care Grand Rounds, Akron General Medical Center, “Heparin-Induced Thrombocytopenia,” Akron, Ohio, April 2, 2003

“Empiric Therapy for Serious Infections – A Focus on the ICU,” Akron, Ohio, April 9, 2003

Toledo Hospital, “Treatment of Patients with Severe Sepsis and High Risk of Death,” Toledo, Ohio, April 10, 2003

The Medical College of Ohio Hospital, “Severe Sepsis”, Teaching Rounds, Toledo, Ohio, April 11, 2003

Allegheny General Hospital, Medical Grand Rounds, “Innovations in the Management of the Severe Septic Patient,” Pittsburgh, Pennsylvania, April 16, 2003

“Impact of Pathophysiology of Sepsis,” Akron, Ohio, April 28, 2003

“Current Concepts in the Treatment of Nosocomial Pneumonia,” Hudson, Ohio, April 30, 2003

“Drotrecogin Alpha (activated),” The United Kingdom Society of Critical Care, Manchester, England, May 5-8, 2003

“Novel Treatments of Severe Sepsis: Case Reviews,” The Annual Society of Icelandic Critical Care Physicians Meeting, Reykjavik, Iceland, May 8, 2003

Ingham Hospital, Medical Grand Rounds, “Sever Sepsis”, Lansing, Michigan, May 21, 2003

“Treatment of Patients with Severe Sepsis and High Risk of Death,” Akron, Ohio, May 27, 2003

“Treatment of Patients with Severe Sepsis and High Risk of Death,” Farmington, Michigan, May 28, 2003

Robinson Memorial Hospital, Medical Grand Rounds, “Hypertension Update,” Ravenna, Ohio, June 18, 2003

Critical Care Consultant Meeting, “Prowess and Beyond,” Boston, Massachusetts, June 19-20, 2003

“Treating Hypertension in the Neuro Patient,” Akron, Ohio, July 15, 2003

“Current Concepts in the Treatment of Nosocomial Pneumonia,” Cuyahoga Falls, Ohio, July 22, 2003

Cuyahoga Falls General Hospital, Medical Grand Rounds, “Critical Care Medicine Stroke Therapy,” Cuyahoga Falls, Ohio, July 30, 2003

Akron General Medical Center, Maples Critical Care Memorial Lecture, “Critical Care Delivery: A New Paradigm for the 21st Century,” Akron, Ohio, September 24, 2003

“Perioperative and Postoperative Hypertension,” Woodmere Village, Ohio, September 24, 2003

Upstate Medical University, “Sepsis: Management, Quality Implication, and Financial Challenges,” Syracuse, New York, October 2, 2003

Southeast Michigan Chapter and Washtenaw County Chapter of the American Association of Critical Care Nurses, Critical Care Update 2003, “Sepsis Update: The Nursing Perspective,” Dearborn, Michigan, October 7, 2003

Marion General Hospital, Grand Rounds, “Impact of Pathophysiology of Sepsis,” Marion, Ohio, October 16, 2003

“Impact of Pathophysiology of Sepsis,” Marion, Ohio, October 17, 2003

“The Management of Blood Pressure in Hypertensive Crises and Stroke Patients,” Fairlawn, Ohio, October 28, 2003

“The Management of Blood Pressure in the Renal Impaired Patients,” Fairlawn, Ohio, November 13, 2003

“An Update in the Management of Complicated Intra-Abdominal Infections, Cuyahoga Falls, Ohio, November 18, 2003

“Treatment of Patients with Severe Sepsis and High Risk of Death,” Fairlawn, Ohio, November 20, 2003

“Impact of Pathophysiology of Sepsis,” Warren, Ohio, November 25, 2003

Critical Care Center of Akron General Medical Center, “DVT / PE,” Akron, Ohio, December 1, 2003

“Impact of Pathophysiology of Sepsis,” Bath, Ohio, December 2, 2003

“Impact of Pathophysiology of Sepsis,” Canton, Ohio, December 2, 2003

Akron General Medical Center, Toxicology Grand Rounds, “Overdose Recognition and Treatment,” Akron, Ohio, December 3, 2003

Critical Care Center of Akron General Medical Center, “ABG’s and Acid Base Analysis,” Akron, Ohio, December 8, 2003

“Severe Sepsis”, Acute Care Speaker Training,” St. Petersburg, Florida, December 9-10, 2003

St. Joe’s Hospital, “Impact of Pathophysiology of Sepsis,” Youngstown, Ohio, December 11, 2003

“Impact of Pathophysiology of Sepsis,” Akron, Ohio, December 12, 2003

“Impact of Pathophysiology of Sepsis,” Youngstown, Ohio, December 12, 2003

“Impact of Pathophysiology of Sepsis,” Akron, Ohio, December 15, 2003

“Impact of Pathophysiology of Sepsis,” Akron, Ohio, December 22, 2003

Botsford General Hospital, “Severe Sepsis” – Speaker – Farmington, Michigan, January 5, 2004

Garden City Hospital Medical Grand Rounds, “Severe Sepsis” – Speaker – Garden City, Michigan, January 5, 2004

St. John Westshore Hospital, “Prophylaxis and Treatment of VTE” – Speaker – Westlake, Ohio, January 7, 2004

“I.V. Treatment Options for Perioperative and Postoperative Hypertension” – Speaker – Fairlawn, Ohio, January 14, 2004

Northside Hospital Surgery Grand Rounds, “Acid Suppression in the ICU/SICU Patient” – Speaker – Youngstown, Ohio, January 22, 2004

“I.V. Treatment Options for Perioperative Hypertension & Hypertensive Crises” – Speaker – Fairlawn, Ohio, February 10, 2004

“The Prophylaxis and Treatment of Venous Thromboembolism in the Hospitalized Patient” – Speaker – Akron, Ohio, February 25, 2004

Remote Live Teleconference, “Impact of Pathophysiology of Sepsis” – Speaker/Moderator – February 26, 2004

The 8th District Academy of Osteopathic Medicine & Surgery and Co-Sponsored by Cuyahoga Falls General Hospital, “The Management of Stroke” – Speaker – Cuyahoga Falls, Ohio, February 29, 2004

Sharon Hospital, “Impact of Pathophysiology of Sepsis” – Speaker – Sharon, Pennsylvania, March 16, 2004

“Impact of Pathophysiology of Sepsis” – Speaker – Warren, Ohio, March 18, 2004

Remote Live Teleconference, “Impact of Pathophysiology of Sepsis” – Speaker/Moderator – Akron, Ohio, April 6, 2004

Remote Live Teleconference, “Treatment of Patients with Severe Sepsis and High Risk of Death” – Speaker/Moderator – Akron, Ohio, April 15, 2004

Remote Live Teleconference, “Treatment of Patients with Severe Sepsis and High Risk of Death” – Speaker/Moderator – Akron, Ohio, April 19, 2004

Remote Live Teleconference, “Treatment of Patients with Severe Sepsis and High Risk of Death” – Speaker/Moderator – Akron, Ohio, April 22, 2004

Eighth Annual Contemporary Issues in Trauma Nursing, William Beaumont Hospital, “Severe Sepsis: You’re Growing What? Update on Severe Sepsis” – Speaker – Sterling Heights, Michigan, April 23, 2004

Ohio Society for Clinical Laboratory Science 2004 Educational Conference, “Severe Sepsis: The Cutting Edge” – Speaker – Hudson, Ohio, May 7, 2004

Akron General Medical Center 2004 Chapman Critical Care Symposium “Update in Stroke Therapy” – Speaker – Akron, Ohio, May 19, 2004

“I.V. Treatment Options for Perioperative Hypertension & Hypertensive Crises” – Speaker – Cuyahoga Falls, Ohio, May 24, 2004

Lima Memorial Hospital, "Treatment of Patients with Severe Sepsis and High Risk of Death" – Speaker – Lima, Ohio, May 26, 2004

Akron General Medical Center Critical Care Grand Rounds, "General Aspects of Sepsis" – Speaker – Akron, Ohio, September 1, 2004

Akron General Medical Center Medical Grand Rounds, "Treatment of Acute Hypertension in Critically Ill Patients" – Speaker – Akron, Ohio, October 20, 2004

Akron General Medical Center Obstetrics & Gynecology Grand Rounds, "Chest Pain in the OB/GYN" – Speaker – Akron, Ohio, January 7, 2005

Doctors Hospital of Stark County, "The Prevention of Venous Thromboembolism in the Hospitalized Patient" – Speaker – Massillon, Ohio, February 16, 2005

Cuyahoga Falls General Hospital Grand Rounds, "Hypertension Therapy in Critically Ill Patients" – Speaker – Cuyahoga Falls, Ohio, March 16, 2005

"Treatment of Patients with Severe Sepsis and High Risk of Death" – Speaker – Akron, Ohio, March 24, 2005

Remote Live Teleconference, "Severe Sepsis" – Speaker/Moderator – March 30, 2005

"The Prevention of VTE in the Hospitalized Patient" – Speaker – Canton, Ohio, April 6, 2005

"Vasoactive Therapy in Critically Ill Patients" – Speaker – Austin, Texas, April 21, 2005

AMOPS 22nd National Conference, The Omni at the Colonnade, "Hypertensive Emergencies in the Critically Ill" – Speaker – San Antonio, Texas, April 21, 2005.

Critical Care Pulmonary Advisory Board Meeting, – Speaker – Chicago, Illinois, April 22-23, 2005

Mercy Medical Center Grand Rounds, "Vasoactive Therapy in Critically Ill Patients" – Speaker – Canton, Ohio, May 11, 2005

"Severe Sepsis: A Call to Action" – Speaker – Broadview Heights, Ohio, August 22, 2005

"Advances in Prophylaxis and Treatment of Venous Thromboembolism" – Speaker – February 23, 2006

"Advances in Anticoagulation for the Management of Venous Thromboembolic Disease and Heparin-Induced Thrombocytopenia (HIT)" – Speaker – Columbus, Ohio, April 26, 2006

Terre Haute Regional Hospital Grand Rounds, “Treatment of Hypertensive Emergencies in Surgery, ICH, and Stroke” – Speaker – Terre Haute, Indiana, August 1, 2006

“The Management and Treatment Options for Deep Vein Thrombosis” – Speaker – Akron, Ohio, September 19, 2006

“Enoxaparin for DVT Prophylaxis in the Medically Ill Patient” – Speaker – Beechwood, Ohio, September 28, 2006

“Advances in Anticoagulation for the Management of Venous Thromboembolic Disease and Heparin-Induced Thrombocytopenia (HIT)” – Speaker – Bath, Ohio, October 3, 2006

“Role of the Intensivist” – Speaker – Community Business Leader Council, Cuyahoga Falls, Ohio, November 29, 2006

Cuyahoga Falls General Hospital Grand Rounds – “Hypertension in Stroke” – Speaker – Cuyahoga Falls, Ohio, November 29, 2006

Lake West Hospital Grand Rounds, “Enoxaparin for DVT Prophylaxis in the Medically Ill Patient” – Speaker – Willoughby, Ohio, November 30, 2006

Akron General Medical Center Grand Rounds, “Induced Mild Hypothermia for Neurological Injury” – Speaker – Akron, Ohio, December 13, 2006

Hudson EMS and Fire, “Therapeutic Hypothermia Post Cardiac Arrest”, Hudson, Ohio March 5, 2007.

“The Management of Hypertensive Emergencies”, - Speaker -, Akron, Ohio, March 8, 2007.

“The Management of Hypertensive Emergencies”, -Speaker-, Westlake, Ohio, March 12, 2007.

“Evidence based use of PPI’s for GERD”, -Speaker- , Bath, Ohio, March 14, 2007.

“Prophylaxis and Assessment of the Hospitalized Patient for DVT”, Cuyahoga Falls, Ohio, March 28, 2007.

Hudson EMS and Fire, “Surviving Sepsis Campaign”, Hudson, Ohio, April 2, 2007.

WAKR, Radio interview, “Deep Venous Thrombosis”, April 23, 2007

“Advances in Anticoagulation”, Broadview Heights, Ohio, April 24, 2007

“DVT and PE: New Drugs and Treatment”, 18th Annual Internal Medicine Update, NEOUCOM, Rootstown, Ohio, May 2, 2007.

“Treatment Options for Deep Vein Thrombosis”, Broadview Heights, Ohio. May 2, 2007.

“Acid Protection for Chronic NSAID Patients at Risk for Gastric Ulcers”, Akron, Ohio, May 3, 2007

“Management of Acute Hypertension in Stroke”, 7th Annual Stroke Symposium, Stroke Management 2007, Forum Health System, Youngstown, Ohio, May 17, 2007

“Pharma and Healthcare Providers Finding the Win-Win for Patients”, M0/M1 Medical Student Conference, Kirksville, Mo, Jan 11, 2011

“Pericardial Disease”, NEOMED POMS lecture, Rootstown, Ohio, Nov 27, 2013

“Pericardial Disease”, NEOMED POMS lecture, Rootstown, Ohio, 2014

“Fluid and Electrolyte Therapy, OB Grand Rounds, Akron, Ohio, Sept 11, 2015