

CURRICULUM VITAE

CYNTHIA A. SANOSKI, PHARM.D.

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Thomas Jefferson University
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EDUCATION

July, 1996-
June, 1998 Post-Doctoral Cardiovascular Pharmacotherapy Fellowship
University of Illinois at Chicago
College of Pharmacy
Chicago, Illinois
Director: Jerry L. Bauman, Pharm.D.

July, 1993-
June, 1996 Doctor of Pharmacy
Ohio State University
College of Pharmacy
Columbus, Ohio

August, 1988-
May, 1993 Bachelor of Science in Pharmacy
Duquesne University
College of Pharmacy
Pittsburgh, Pennsylvania
Summa Cum Laude

PROFESSIONAL EXPERIENCE

April, 2007-
Present

Chair
Department of Pharmacy Practice
Jefferson School of Pharmacy
Jefferson College of Health Professions
Thomas Jefferson University
Philadelphia, Pennsylvania

June, 2000-
April, 2007

Associate Professor of Clinical Pharmacy
Department of Pharmacy Practice and Pharmacy Administration
University of the Sciences in Philadelphia
Philadelphia College of Pharmacy
Philadelphia, Pennsylvania

June, 2000-
April, 2007

Cardiovascular Clinical Specialist
Department of Pharmacy
Penn Presbyterian Medical Center
Philadelphia, Pennsylvania

August, 1998-
May, 2000

Assistant Clinical Professor
Department of Clinical Pharmacy Practice
St. John's University
College of Pharmacy and Allied Health Professions
Jamaica, New York

August, 1998-
May, 2000

Cardiovascular Clinical Specialist
Department of Pharmacy
St. Francis Hospital
Roslyn, New York

July, 1996-
June, 1998

Clinical Associate in Pharmacy Practice
Department of Pharmacy Practice
University of Illinois at Chicago
College of Pharmacy
Chicago, Illinois

TEACHING EXPERIENCE

Philadelphia College of Pharmacy, University of the Sciences in Philadelphia

August, 2006- April, 2007	Biomedical Literature Evaluation PP 448 Doctor of Pharmacy Students Course Co-Coordinator; Lecturer (Tertiary Literature, Primary Literature, Types of Data, Power/Types of Error, Clinical Trial Evaluation I (Design, Methods, Statistics); Journal Club Moderator
September, 2004- November, 2004	Research Design and Statistics PP 642 Flexible-Option Doctor of Pharmacy Students Lecturer (Hypothesis Testing, Chi-Square, t-test, ANOVA)
June, 2003- August, 2005	Biomedical Literature Evaluation PP 648 Flexible-Option Doctor of Pharmacy Students Journal Club Moderator
September, 2001- April, 2007	Project in Pharmacy Practice PP495 Doctor of Pharmacy Students Course Coordinator and Project Mentor
September, 2001- December, 2001	Introduction to Clinical Pharmacy Skills PP 305 Doctor of Pharmacy Students Lecturer (Vital Signs, Lung Examination)
January, 2001- May, 2002	Seminar PP 580A Doctor of Pharmacy Students Seminar Facilitator
January, 2001- May, 2001	Critical Care Elective PP 612 Flexible-Option Doctor of Pharmacy Students Lecturer (Cardiogenic Shock, Hypertensive Crises)

TEACHING EXPERIENCE (CONT.)

October, 2000- April, 2007	Pharmacy Practice Experience PP 661-668 Doctor of Pharmacy Students Acute Care Clerkship (Cardiology) Preceptor
August, 2000- April, 2007	Principles of Human Disorders and Pharmacotherapeutics I-IV PP 551-4 Doctor of Pharmacy Students Course Coordinator (March, 2002-May, 2005); Lecturer (Cardiac Arrhythmias, Acute/Chronic Heart Failure, Hypertensive Crises, Infective Endocarditis)
August, 2000- April, 2007	Clinical Case Studies PP 557-8 Doctor of Pharmacy Students Course Coordinator (September, 2001-December, 2001); Case Study Facilitator
August, 2000- December, 2004	Cardiovascular Disorders and Therapy Module PP 602 Flexible-Option Doctor of Pharmacy Students Lecturer (Chronic Heart Failure, Cardiac Arrhythmias)
August, 2000- December, 2003	Clinical Pharmacy Skills for Practitioners PP 601 Flexible-Option Doctor of Pharmacy Students Course Coordinator (August, 2001-December, 2003); Lecturer (Medical Terminology and Abbreviations, Clinical Assessment/Medical History, Interpretation of Clinical Laboratory Data, Therapeutic Care Plans, Cardiology Labs and Diagnostic Procedures)
August, 2000- December, 2000	Fundamentals of Human Diseases and Pharmacotherapeutics II PP 436 Undergraduate Pharmacy Students Lecturer (Chronic Heart Failure, Cardiac Arrhythmias)

TEACHING EXPERIENCE (CONT.)

College of Health Sciences, University of the Sciences in Philadelphia

December, 2000- May, 2001	Pharmacology I PHA 520 Physician's Assistant Students Lecturer (Antihypertensives, Antihyperlipidemics, Anticoagulants, Antianginals, Antiarrhythmics)
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College of Pharmacy and Allied Health Professions, St. John's University

September, 1999- May, 2000	Advanced Therapeutics I CPP 301 Practitioner Option Doctor of Pharmacy Students Course Coordinator; Lecturer (Ischemic Heart Disease, Acute Coronary Syndromes, Hypertension, Heart failure, Cardiac Arrhythmias)
September, 1999- May, 2000	Therapeutics CPP 5103 Undergraduate Pharmacy Students Lecturer (Ischemic Heart Disease, Acute Myocardial Infarction, Cardiac Arrhythmias, Heart Failure)
September, 1999- May, 2000	Cardiovascular Pharmacotherapy Specialty Rotation CPP 351 Practitioner Option Doctor of Pharmacy Students Clerkship Preceptor
September, 1999- December, 1999	Physical Assessment CPP 303 Practitioner Option Doctor of Pharmacy Students Lecturer (Cardiovascular System Assessment)
January, 1999- May, 2000	Cardiovascular Pharmacotherapy Specialty Rotation CPP 401 Doctor of Pharmacy Students Clerkship Preceptor
January, 1999- May, 2000	Module III Cardiovascular Pharmacotherapy Specialty Rotation CPP 5244 Undergraduate Pharmacy Students Clerkship Preceptor

TEACHING EXPERIENCE (CONT.)

January, 1999-
April, 1999

Clinical Research Design I
CPP 398
Doctor of Pharmacy Students
Lecturer (Biostatistics)

September, 1998-
May, 2000

Introduction to Applied Clinical Pharmacy Practice
CPP 4103
Undergraduate Pharmacy Students
Course Coordinator (2000); Lecturer (Hypertension)

College of Health Professions, Thomas Jefferson University

April, 2006-
August, 2006

Advanced Pharmacotherapeutics
ID 560
Nurse Practitioner Students
Lecturer (Cardiovascular Pharmacotherapy)

College of Nursing, University of Pennsylvania

March, 2002-
Present

Pharmacology for Nurses
Registered Nurses, Nurse Practitioners
Lecturer (Hypertension, Ischemic Heart Disease, Heart Failure,
Antiarrhythmics, Dyslipidemia, Anticoagulants)

POST-GRADUATE TRAINEES

Philadelphia College of Pharmacy, University of the Sciences in Philadelphia

July, 2006-
June, 2007

Kathleen Makkar, Pharm.D.
Cardiovascular Pharmacy Practice Resident
Co-Primary Preceptor (with Sarah Spinler, Pharm.D.)

July, 2003-
June, 2004

Carla Peterman, Pharm.D.
Cardiovascular Pharmacy Practice Resident
Co-Primary Preceptor (with Sarah Spinler, Pharm.D.)

July, 2001-
June, 2002

Sallie Young, Pharm.D.
Cardiovascular Pharmacy Practice Resident
Co-Primary Preceptor (with Sarah Spinler, Pharm.D.)

Cynthia A. Sanoski, Pharm.D.

GRANTS AND AWARDS

Pharmacy Student Cardiovascular Risk Assessment Project. Philadelphia College of Pharmacy. Funding: KOS Pharmaceuticals, \$9,561.00. (Co-Investigator)

Measurement of outcomes associated with the management of atrial fibrillation in an ambulatory environment. Obtained investigator IND through FDA for Cardizem CD prior to initiation of study. University of Illinois at Chicago. Funded: Hoechst Marion Roussel, \$30,000. (Principal Investigator)

Warfarin induction therapy in elderly inpatients. University of Illinois at Chicago and University of Minnesota. Funded: Dupont-Pharma, \$5000. (Co-Investigator)

Development of an outpatient amiodarone clinic in a multidisciplinary setting. University of Illinois at Chicago. Funded: Wyeth-Ayerst, \$5000. (Principal Investigator)

Assessment of emerging pathophysiologic, pharmacotherapeutic, and pharmacoeconomic concepts in the management of congestive heart failure. University of Illinois at Chicago. Funded: Searle, \$5000. (Principal Investigator)

Identification of aspirin resistance in post-myocardial infarction patients. University of Illinois at Chicago. Funded: Hoffman-LaRoche, \$2500. (Co-Investigator)

PUBLICATIONS

Original Research

Phillips BG, Gandhi AJ, Sanoski CA, Just V, Bauman JL. Comparison of intravenous diltiazem and verapamil for the acute treatment of atrial fibrillation and flutter. *Pharmacotherapy* 1997;17:1238-45.

Sanoski CA, Schoen MD, Gonzalez RC, Avitall B, Bauman JL. Rationale, development, and clinical outcomes of a multidisciplinary amiodarone clinic. *Pharmacotherapy* 1998;18:146S-151S.

DiDomenico RJ, Walton SM, Sanoski CA, Bauman JL. Analysis of the use of digoxin immune fab for the treatment of non-life-threatening digoxin toxicity. *J Cardiovasc Pharmacol Ther* 2000;5:77-85.

Sanoski CA, Bauman JL. Clinical observations with the amiodarone/warfarin interaction: dosing relationships with long-term therapy. *Chest* 2002;121:19-23.

PUBLICATIONS (CONT.)

Original Research

Lucas BD, Sanoski CA, Ito MK, Aldridge MA, Cheng JWM, Hilleman DE. Multicenter treat-to-target cost-effectiveness evaluation of HMG-CoA reductase inhibitor monotherapy. *The Journal of Applied Research* 2002;2:97-113.

DeDenus S, Sanoski CA, Spinler S. Rate control versus rhythm control in patients with atrial fibrillation: a meta-analysis. *Arch Intern Med* 2005;165:258-62.

Review Articles

Bauman JL, Sanoski CA, Chan LN. Pharmacokinetic and pharmacodynamic drug interactions with antiarrhythmic agents. *Cardiology in Review* 1997;5:292-304.

Sanoski CA. Changing perspectives on the acute management of ventricular tachycardia and ventricular fibrillation. *The Pharmacist Reporter* 1998;3:27-34.

Sanoski CA. The current role of amiodarone in the treatment of supraventricular and ventricular arrhythmias. *The Pharmacist Reporter* 1999;4:17-24.

Aull MJ, Sanoski CA. The use of spironolactone for the treatment of congestive heart failure. *Formulary* 1999;34:752-63.

Sanoski CA. Clopidogrel. University HealthSystem Consortium Drug Monograph. October, 1999.

Sanoski CA. The senior patient and chronic heart failure. *U.S. Pharmacist* 2000;25:109-20.

Sanoski CA. Intravenous amiodarone for managing life-threatening ventricular arrhythmia. *The Pharmacist Reporter* 2000;5:7-14.

Sanoski CA. The year in review: cardiology. *Journal of Pharmacy Practice* 2001;14:18-40.

Sanoski CA. Update on dyslipidemia management: emerging CHD risk factors, new evidence and strategies. *Formulary* 2001;36:438-60.

Sanoski CA. Update on dyslipidemia management: overview of the NCEP Adult Treatment Panel III guidelines. *Formulary* 2001;36:518-21.

Sanoski CA. ACLS Guidelines 2000: focus on what's "new" in the pulseless ventricular tachycardia/ventricular fibrillation algorithm. *Journal of Pharmacy Practice* 2002;15:334-43.

PUBLICATIONS (CONT.)

Review Articles

Young SK, Sanoski CA. Recognizing real and false thrombocytopenia. *Today in Cardiology* 2002;5:31.

Sanoski CA. Management of dyslipidemia: an update. *Curr Atheroscler Rep* 2003;5:284-90.

Cheng JWM, Frank L, Garrett SD, Lu Y, Sanoski CA, White CM. Key articles and guidelines in pharmacotherapeutic management of arrhythmias. *Pharmacotherapy* 2004;24:248-79.

Peterman C, Sanoski CA. Tecadenoson: A Novel, Selective A1 Adenosine Receptor Agonist. *Cardiol Rev* 2005;13:315-21.

Dager WE, Sanoski CA, Wiggins BS, Tisdale JE. Pharmacotherapy considerations in advanced cardiac life support. *Pharmacotherapy* 2006;26:1703-29.

Book Chapters

Sanoski CA. Herbal monographs on Irish moss, jaborandi, Jamaican dogwood, jambolan, and indigo. Nursing Herbal Drug Handbook, 1st edition. Springhouse, PA: Springhouse Corporation; 2001.

Sanoski CA. Atrial Arrhythmias. In: Cheng JWM. *Quick Reference to Cardiovascular Pharmacotherapy*. 1st edition. Boca Raton, FL: CRC Press; 2002.

Sanoski CA. Ventricular Arrhythmias. In: Cheng JWM. *Quick Reference to Cardiovascular Pharmacotherapy*. 1st edition. Boca Raton, FL: CRC Press; 2002.

Sanoski CA. Medication-Induced Cardiovascular Side-Effects. In: Cheng JWM. *Quick Reference to Cardiovascular Pharmacotherapy*. 1st edition. Boca Raton, FL: CRC Press; 2002.

Sanoski CA. Chronic Arrhythmia Management. In: Schumock GT, Brundage DM, Chessman KH, et al, eds. *Pharmacotherapy Self-Assessment Program*. 5th edition. Kansas City, MO: American College of Clinical Pharmacy, 2004.

Sanoski CA. Antiarrhythmic Agents. In: Frishman WH, Cheng-Lai A, Nawarskas J. *Current Cardiovascular Drugs*. 4th edition. Philadelphia, PA: Current Medicine LLC; 2005.

Sanoski CA, Bowen M, Peterson AM. Dysrhythmias. In: Arcangelo VP, Peterson AM. *Pharmacotherapeutics for Advanced Practice: A Practical Approach*. 2nd edition. Philadelphia, PA: Lippincott, Williams, & Wilkins; 2005.

PUBLICATIONS (CONT.)

Book Chapters

Sanoski CA. Arrhythmia Management: An Evidence-Based Update. In: Dunsworth T, Richardson M, Cheng J, et al, eds. *Pharmacotherapy Self-Assessment Program*. 6th edition. Lenexa, KS: American College of Clinical Pharmacy, 2007.

Sanoski CA, Bauman JL, Dekker Schoen M. The Arrhythmias. *Pharmacotherapy: A Pathophysiologic Approach*. 7th edition. (submitted)

Editorials

Murphy JE, Nappi JM, Bosso JA, Saseen JJ, Hemstreet BA, Halloran MA, Spinler SA, Welty TE, Dobesh PP, Chan LN, Garvin CG, Grunwald PE, Kamper CA, Sanoski CA, Witkowski PL. American College of Clinical Pharmacy's vision of the future: postgraduate pharmacy residency training as a prerequisite for direct patient care practice. *Pharmacotherapy* 2006;27:722-33.

Abstracts

Sanoski CA, Vasquez EM, Bauman JL. QT interval prolongation associated with the use of tacrolimus in transplant recipients. *Pharmacotherapy* 1998;18:427.

Sanoski CA, Takhashi H, Echizen H, Brace L, Helgason C, Schuler J, Bauman JL, Nutescu E. Effect of gender on the pharmacokinetics of warfarin. *Pharmacotherapy* 1998;18:427.

Sanoski CA, Takhashi H, Echizen H, Brace L, Helgason C, Schuler J, Bauman JL, Nutescu E. Effects of age and weight on the pharmacokinetics of warfarin. *Pharmacotherapy* 1998;18:427.

Sanoski CA, Takhashi H, Echizen H, Brace L, Helgason C, Schuler J, Bauman JL, Nutescu E. Effect of cigarette smoking on the pharmacokinetics of warfarin. *Pharmacotherapy* 1998;18:1142-3.

Brodeur MR, Sanoski CA. The frequency of epinephrine dosing: effects on return of spontaneous circulation. *Pharmacotherapy* 2000;20:1235.

Yousefzadeh N, Sanoski CA. Comparison of outcomes in diabetic and nondiabetic patients with acute coronary syndromes treated with tirofiban. *Pharmacotherapy* 2000;20:1235.

Sanoski CA, Umland EM. Cardiovascular risk assessment in pharmacy students. *Pharmacotherapy* 2004;24:1433.

PUBLICATIONS (CONT.)

Abstracts

Umland EM, Sanoski CA. The impact of oral contraceptive use on cardiovascular risk factor assessment in pharmacy students. *Pharmacotherapy* 2005; 25:458.

Achi MI, Sanoski CA, De Denu S, Jessup M, Spinler S. Discharge quality indicators in patients with acute heart failure admitted to the coronary care unit and step-down unit at a tertiary medical center. *Pharmacotherapy* 2005; 25:1444.

Foy MC, Peterson A, Sanoski CA. Evaluation of the effectiveness of a pharmacotherapeutics preparatory program on subsequent exam grades. *Pharmacotherapy* 2006;26:e61.

Boyle SJ, Cawley MJ, Sanoski CA. Assessment of an advanced cardiac life support simulation in a pharmacotherapeutics laboratory course. *Pharmacotherapy* 2006;26:e61.

PRESENTATIONS

Invited - National

A Brief Overview of Arrhythmias. Pharmacy Continuing Education Program. Pharmacy Continuing Education Program. San Francisco, California. October 31, 1998.

A Brief Overview of Arrhythmias. Pharmacy Continuing Education Program. Pharmacy Continuing Education Program. Los Angeles, California. November 14, 1998.

A Brief Overview of Arrhythmias. Pharmacy Continuing Education Program. Pharmacy Continuing Education Program. Boston, Massachusetts. November 21, 1998.

Perioperative Arrhythmia Management. Wyeth-Ayerst 10th Annual EP Fellowship Program. 20th Annual Scientific Sessions of the North American Society of Pacing and Electrophysiology. Toronto, Canada. May 12, 1999.

Defusing Thrombotic Risk with an Evidence-Based LMWH Formulary: Theory and Practice in Evolution. University Pharmacotherapy Associates Continuing Education Program. New Haven, Connecticut. May 1, 2000.

Defusing Thrombotic Risk with an Evidence-Based LMWH Formulary: Theory and Practice in Evolution. University Pharmacotherapy Associates Continuing Education Program. Southbury, Connecticut. May 9, 2000.

PRESENTATIONS (CONT.)

Invited - National

Recent Pharmacotherapeutic Advances in the Management of Cardiac Arrest. Pharmacy Continuing Education Program. American Society of Health-System Pharmacists Annual Meeting. Philadelphia, Pennsylvania. June 7, 2000.

Overview of the Results of the Cardiac Arrest Study Hamburg (CASH). Pharmacy Continuing Education Program. Presented as part of the session, “Late-Breaking Clinical Trials” at the American College of Clinical Pharmacy Annual Meeting. Los Angeles, California. November 7, 2000.

Consensus on LMWH Differentiation: Issues and Evolving Evidence. University Pharmacotherapy Associates Continuing Education Program. Washington Metropolitan Society of Health-System Pharmacists. Tyson’s Corner, Virginia. June 21, 2001.

Consensus on LMWH Differentiation: Issues and Evolving Evidence. University Pharmacotherapy Associates Continuing Education Program. Birmingham, Alabama. October 9, 2001.

Consensus on LMWH Differentiation: Issues and Evolving Evidence. University Pharmacotherapy Associates Continuing Education Program. Tampa, Florida. October 17, 2001.

Are IIB’s Me Too’s? Differentiating Evidence and Value. University Pharmacotherapy Associates Continuing Education Program. Connecticut Society of Health System Pharmacists. Meriden, Connecticut. October 19, 2001.

Consensus on LMWH Differentiation: Issues and Evolving Evidence. University Pharmacotherapy Associates Continuing Education Program. Roanoke, Virginia. October 29, 2001.

Development of the 2000 ACLS Guidelines: An Evidence-Based Approach. Pharmacy Continuing Education Program. 36th Annual American Society of Health-System Pharmacists Midyear Clinical Meeting. New Orleans, Louisiana. December 4, 2001.

Use of Vasopressors for the Treatment of Pulseless VT/VF: Epinephrine vs. Vasopressin. Pharmacy Continuing Education Program. 36th Annual American Society of Health-System Pharmacists Midyear Clinical Meeting. New Orleans, Louisiana. December 4, 2001.

Use of Vasopressors for the Treatment of Pulseless VT/VF: Epinephrine vs. Vasopressin. Live Satellite Broadcast Continuing Education Program (Beyond ACLS – ALIVE). Presented to pharmacists, nurses, and physicians. Dallas, Texas. February 15, 2002.

PRESENTATIONS (CONT.)

Invited - National

LMWH Horizons: New Uses, New Evidence, New Agents. University Pharmacotherapy Associates Continuing Education Program. Brentwood, Tennessee. April 2, 2002.

LMWH Horizons: New Uses, New Evidence, New Agents. University Pharmacotherapy Associates Continuing Education Program. Oxford, Mississippi. April 30, 2002.

LMWH Horizons: New Uses, New Evidence, New Agents. University Pharmacotherapy Associates Continuing Education Program. Waterbury, Connecticut. May 20, 2002.

LMWH Horizons: New Uses, New Evidence, New Agents. University Pharmacotherapy Associates Continuing Education Program. Morgantown, West Virginia. June 5, 2002.

LMWH Horizons: New Uses, New Evidence, New Agents. University Pharmacotherapy Associates Continuing Education Program. Tampa, Florida. September 17, 2002.

Management of Stable and Unstable Ventricular Arrhythmias in the Adult Patient. Pharmacy Continuing Education Program. New Jersey Society of Health-System Pharmacists. CE Cruise to the Western Caribbean. October 28, 2002.

Case-Based Approach to the Management of Atrial Fibrillation. Pharmacy Continuing Education Program. New Jersey Society of Health-System Pharmacists. CE Cruise to the Western Caribbean. October 28, 2002.

Code Blue: Are You Prepared? Pharmacy Continuing Education Program. 37th Annual American Society of Health-System Pharmacists Midyear Clinical Meeting. Atlanta, Georgia. December 9, 2002.

Strategies for the Prevention and Treatment of Postoperative Atrial Fibrillation. Pharmacy Continuing Education Program. 37th Annual American Society of Health-System Pharmacists Midyear Clinical Meeting. Atlanta, Georgia. December 11, 2002.

Evolving Treatment Strategies for Atrial Fibrillation: What's on the Horizon? Pharmacy Continuing Education Program. 37th Annual American Society of Health-System Pharmacists Midyear Clinical Meeting. Atlanta, Georgia. December 11, 2002.

LMWHs in Cardiology: 2003 and Beyond. University Pharmacotherapy Associates Continuing Education Program. Jackson, Michigan. February 19, 2003.

PRESENTATIONS (CONT.)

Invited - National

Benefits of Ramipril in a High-Risk Patient Population: results of the Heart Outcomes Prevention Evaluation (HOPE) Study. Continuing Medical Education Program. American Medical Director's Association Annual Meeting. Orlando, Florida. March 7, 2003.

LMWHs in Cardiology: 2003 and Beyond. University Pharmacotherapy Associates Continuing Education Program. Georgia Society of Health-System Pharmacists Meeting. Atlanta, Georgia. March 15, 2003.

LMWHs in Cardiology: 2003 and Beyond. University Pharmacotherapy Associates Continuing Education Program. Springfield, Massachusetts. April 8, 2003.

LMWHs in Cardiology: 2003 and Beyond. University Pharmacotherapy Associates Continuing Education Program. Winchester, Virginia. April 24, 2003.

Cardiovascular Risk Reduction: Translating Evidence into Clinical Practice. Continuing Education Program. Presented as an audioconference to pharmacists, nurses, and physicians. September 16, 2003.

Opening the Therapeutic Window in Acute Decompensated Heart Failure: Closing in on the Value of Nesiritide. University Pharmacotherapy Associates Continuing Education Program. Independence, Ohio. December 3, 2003.

Opening the Therapeutic Window in Acute Decompensated Heart Failure: Closing in on the Value of Nesiritide. University Pharmacotherapy Associates Continuing Education Program. Georgetown, Virginia. January 8, 2004.

Clinical Pharmacy: Pathways, Guidelines & Pharmacoeconomics: Role of Plavix[®]. Presented to sales representatives of Sanofi. St. Louis, Missouri. January 29, 2004.

Opening the Therapeutic Window in Acute Decompensated Heart Failure: Closing in on the Value of Nesiritide. University Pharmacotherapy Associates Continuing Education Program. Boston, Massachusetts. February 11, 2004.

Optimizing the Management of Dyslipidemia in the Elderly Population. Continuing Medical Education Program. American Medical Director's Association Annual Meeting. Phoenix, Arizona. March 4, 2004.

PRESENTATIONS (CONT.)

Invited - National

Opening the Therapeutic Window in Acute Decompensated Heart Failure: Closing in on the Value of Nesiritide. University Pharmacotherapy Associates Continuing Education Program. Charlotte, North Carolina. April 22, 2004.

Opening the Therapeutic Window in Acute Decompensated Heart Failure: Closing in on the Value of Nesiritide. University Pharmacotherapy Associates Continuing Education Program. Grand Rapids, Michigan. May 13, 2004.

Opening the Therapeutic Window in Acute Decompensated Heart Failure: Closing in on the Value of Nesiritide. University Pharmacotherapy Associates Continuing Education Program. Norfolk, Virginia. June 29, 2004.

Impact of Atrial Fibrillation on the Patient and on Managed Care: Burden of Disease. Pharmacy Continuing Education Program. Academy of Managed Care Pharmacy's 2004 Educational Conference. Baltimore, Maryland. October 14, 2004.

Opening the Therapeutic Window in Acute Decompensated Heart Failure: Closing in on the Value of Nesiritide. University Pharmacotherapy Associates Continuing Education Program. Savannah, Georgia. November 10, 2004.

Understanding the Pathophysiology and Clinical Manifestations of ADHF. Pharmacy Continuing Education Program. Presented at the American Society of Health-System Pharmacists Midyear Clinical Meeting. Orlando, Florida. December 6, 2004.

The Role of Nesiritide in the Treatment of Acute Decompensated Heart Failure. Pharmacy Continuing Education Program. Presented at the American Society of Health-System Pharmacists Midyear Clinical Meeting. Orlando, Florida. December 8, 2004.

The Prevalence and Pathophysiology of ADHF. Pharmacy Continuing Education Program. Texas Society of Health-System Pharmacists Annual Seminar. Austin, Texas. April 8, 2005.

Reducing the Risk of Cardiovascular Disease in Patients with Diabetes. Presented as an audioconference to pharmacists, nurses, and physicians. April 20, 2005.

Therapeutic Advances in Acute Decompensated Heart Failure. University Pharmacotherapy Associates Continuing Education Program. Hartford, Connecticut. April 28, 2005.

Therapeutic Advances in Acute Decompensated Heart Failure. University Pharmacotherapy Associates Continuing Education Program. New Haven, Connecticut. May 24, 2005.

PRESENTATIONS (CONT.)

Invited - National

The Prevalence and Pathophysiology of ADHF. Pharmacy Continuing Education Program. American Society of Health-System Pharmacists Annual Meeting. Boston, Massachusetts. June 12, 2005.

The Prevalence and Pathophysiology of ADHF. Pharmacy Continuing Education Program. Georgia Society of Health-System Pharmacists Annual Meeting. Amelia Island, Florida. July 22, 2005.

Evidence-Based Treatment Strategies for Acute Decompensated Heart Failure. Continuing Education Program. Mid-American Critical Care Symposium. Toledo, Ohio. September 16, 2005.

QT Prolongation and Risks of Arrhythmia. Pharmacy Continuing Education Program. Idaho Society of Health-System Pharmacists Annual Meeting. Sun Valley, Idaho. October 1, 2005.

The Prevalence and Pathophysiology of ADHF. Pharmacy Continuing Education Program. Virginia Society of Health-System Pharmacists Annual Meeting. Williamsburg, Virginia. October 15, 2005.

Clinical Pearls Regarding Preparation, Dosing, and Administration of Pharmacotherapy in ACLS. Pharmacy Continuing Education Program. American College of Clinical Pharmacy Annual Meeting. San Francisco, California. October 25, 2005.

An Update on the Evaluation and Management of Deep Vein Thrombosis. Continuing Education Program. Presented as an audioconference to pharmacists, nurses, and physicians. March 9, 2006.

Appropriate Therapy Selection for Metabolic Syndrome. Pharmacy Continuing Education Program. Academy of Managed Care Pharmacy's 18th Annual Meeting and Showcase. Seattle, Washington. April 6, 2006.

NAPLEX Board Review Course. Presented to Doctor of Pharmacy students. Phoenix, Arizona. June 12-14, 2006.

Monitoring the Safety and Efficacy of Acute Decompensated Heart Failure Treatment. Continuing Education Program. Recorded as an ASHP Advantage Webcast in Chicago, Illinois on August 1, 2006.

PRESENTATIONS (CONT.)

Invited - National

Evolving Antithrombotic Therapy in ACS. University Pharmacotherapy Associates Continuing Education Program. California Society of Health-System Pharmacists Seminar 2006. Sacramento, California. October 13, 2006.

An Overview of the 2005 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. Pharmacy Continuing Education Program. Cardiology PRN Pre-Meeting Symposium. American College of Clinical Pharmacy Annual Meeting. St. Louis, Missouri. October 25, 2006.

Academic Dishonesty: A Primer for Educators and Preceptors. Pharmacy Continuing Education Program. American College of Clinical Pharmacy Annual Meeting. St. Louis, Missouri. October 27, 2006.

Anticoagulation for New Valve Technologies. Presented to the Portland Anticoagulation Consortium. Portland, Oregon. March 7, 2007.

Anticoagulation for New Valve Technologies. Presented to the Northwest Anticoagulation Consortium. Seattle, Washington. March 8, 2007.

Invited – Regional and Local

A Focus on Intravenous Amiodarone for the Treatment of Ventricular Arrhythmias. Pharmacy Continuing Education Program. Delaware Valley Society of Health System Pharmacists. Philadelphia, Pennsylvania. April 20, 1999.

New Treatment Strategies for Acute Coronary Syndromes. Pharmacy Continuing Education Program. St. John's University College of Pharmacy and Allied Health Professions. Jamaica, New York. October 13, 1999.

Acute Coronary Syndromes: Preeminence of Antiplatelet Therapy. University Pharmacotherapy Associates Continuing Education Program. Rochester Area Society of Health-Systems Pharmacists. Rochester, New York. October 20, 1999.

An Overview of the ACLS 2000 Guidelines. Continuing Education Program. Presented to critical care nurses at Einstein Medical Center. Philadelphia, Pennsylvania. February 8, 2001.

The Management of Chronic Heart Failure in the Senior Patient. Pharmacy Continuing Education Program. St. John's University College of Pharmacy and Allied Health Professions. Jamaica, New York. November 1, 1999.

PRESENTATIONS (CONT.)

Invited – Regional and Local

New Treatment Strategies for Acute Coronary Syndromes. Pharmacy Continuing Education Program. Western New York Society of Health-System Pharmacists. Buffalo, New York. March 25, 2000.

Management of Dyslipidemias in the Elderly. New York State Society of Physician Assistants Spring Conference. Hauppauge, New York. April 8, 2000.

Management of Dyslipidemias in the Elderly. Pharmacy Continuing Education Program. Queens, New York. May 25, 2000.

Defusing Thrombotic Risk with an Evidence-Based LMWH Formulary: Theory and Practice in Evolution. University Pharmacotherapy Associates Continuing Education Program. Royal Counties Society of Health-System Pharmacists. Brooklyn, New York. July 26, 2000.

An Update on the Management of Cardiac Arrest: ACLS 2000. Pharmacy Continuing Education Program. Southern New Jersey Society of Health-System Pharmacists. Hammonton, New Jersey. September 13, 2000.

Defusing Thrombotic Risk with an Evidence-Based LMWH Formulary: Theory and Practice in Evolution. University Pharmacotherapy Associates Continuing Education Program. Denville, New Jersey. September 17, 2000.

An Overview of the 2000 ACLS Guidelines. Continuing Education Program. Presented to emergency medicine attendings and residents from the Hospital of the University of Pennsylvania. Philadelphia, Pennsylvania. September 21, 2000.

An Overview of the 2000 ACLS Guidelines. Continuing Education Program. Presented to residents and nurses from Pennsylvania Hospital. Philadelphia, Pennsylvania. October 26, 2000.

Consensus on LMWH Differentiation: Issues and Evolving Evidence. University Pharmacotherapy Associates Continuing Education Program. Clifton Springs, New York. February 13, 2001.

Consensus on LMWH Differentiation: Issues and Evolving Evidence. University Pharmacotherapy Associates Continuing Education Program. Rome, New York. February 20, 2001.

PRESENTATIONS (CONT.)

Invited – Regional and Local

An Overview of the ACLS 2000 Guidelines. Continuing Education Program. Presented to emergency room nurses at Presbyterian Medical Center. Philadelphia, Pennsylvania. February 21, 2001.

Consensus on LMWH Differentiation: Issues and Evolving Evidence. University Pharmacotherapy Associates Continuing Education Program. Valhalla, New York. March 14, 2001.

Current Concepts in the Management of Chronic Atrial Fibrillation. Pharmacy Continuing Education Program. Delaware Valley Society of Health-System Pharmacists. Philadelphia, Pennsylvania. March 20, 2001.

Management of Adult Pulseless Ventricular Tachycardia & Ventricular Fibrillation: the Pharmacist's Role. Pharmacy Continuing Education Program. New York State Council of Health-System Pharmacists. Buffalo, New York. April 28, 2001.

Consensus on LMWH Differentiation: Issues and Evolving Evidence. University Pharmacotherapy Associates Continuing Education Program. Mideastern Chapter of the Pennsylvania Society of Health-System Pharmacists. Orefield, Pennsylvania. September 12, 2001.

ACLS Guidelines 2000: Focus on What's New in the Pulseless VT/VF Algorithm. Continuing Education Program. Presented to pharmacists, nurses, and emergency medical technicians. Cranberry, Pennsylvania. September 19, 2001.

Practical Issues in Applying the 2000 ACLS Guidelines. Continuing Education Program. Presented to pharmacists, nurses, and emergency medical technicians. Cranberry, Pennsylvania. September 19, 2001.

New Treatment Strategies for Acute Heart Failure. Continuing Education Program. New Jersey Society of Critical Care Medicine's 23rd Annual Educational Symposium. New Brunswick, New Jersey. October 5, 2001.

ACLS Guidelines 2000: Focus on What's New in the Pulseless VT/VF Algorithm. Presented to critical care nurses. Mount Holly, New Jersey. November 1, 2001.

Management of Pulseless VT/VF: Focus on the ARREST and ALIVE Trials. Presented to district managers, product managers, and sales representatives of Wyeth-Ayerst Laboratories. Pittsburgh, Pennsylvania. January 11, 2002.

PRESENTATIONS (CONT.)

Invited – Regional and Local

Critical Care/Cardiology Drug Update: Focus on Drotrecogin Alfa (Activated) and Nesiritide. Continuing Education Program. Pennsylvania State Council, Emergency Nurses Association. Philadelphia, Pennsylvania. June 7, 2002.

LMWH Horizons: New Uses, New Evidence, New Agents. University Pharmacotherapy Associates Continuing Education Program. Pittsburgh, Pennsylvania. June 12, 2002.

Management of Stable and Unstable Ventricular Arrhythmias in the Adult Patient. Pharmacy Continuing Education Program. Washington Metropolitan Society of Health-System Pharmacists. Annapolis, Maryland. September 21, 2002.

LMWHs in Cardiology: 2003 and Beyond. University Pharmacotherapy Associates Continuing Education Program. Buffalo, New York. February 26, 2003.

Low Molecular Weight and Unfractionated Heparins: Place in Therapy for Venous Thromboembolic Disease. Continuing Education Program. Presented to pharmacists and nurses. Philadelphia, Pennsylvania. November 22, 2003.

Opening the Therapeutic Window in Acute Decompensated Heart Failure: Closing in on the Value of Nesiritide. University Pharmacotherapy Associates Continuing Education Program. Baltimore, Maryland. December 10, 2003.

Opening the Therapeutic Window in Acute Decompensated Heart Failure: Closing in on the Value of Nesiritide. Continuing Education Program. Buffalo, New York. December 15, 2003.

Opening the Therapeutic Window in Acute Decompensated Heart Failure: Closing in on the Value of Nesiritide. University Pharmacotherapy Associates Continuing Education Program. Pittsburgh, Pennsylvania. December 17, 2003.

Advancing Into a New Era of Anticoagulant Therapy. Continuing Education Program. Presented to pharmacists, nurses, and physicians. Philadelphia, Pennsylvania. February 9, 2004.

Opening the Therapeutic Window in Acute Decompensated Heart Failure: Closing in on the Value of Nesiritide. University Pharmacotherapy Associates Continuing Education Program. Mineola, New York. February 26, 2004.

Opening the Therapeutic Window in Acute Decompensated Heart Failure: Closing in on the Value of Nesiritide. University Pharmacotherapy Associates Continuing Education Program. New York, New York. March 24, 2004.

PRESENTATIONS (CONT.)

Invited – Regional and Local

Opening the Therapeutic Window in Acute Decompensated Heart Failure: Closing in on the Value of Nesiritide. Continuing Education Program. East Meadow, New York. April 20, 2004.

Opening the Therapeutic Window in Acute Decompensated Heart Failure: Closing in on the Value of Nesiritide. University Pharmacotherapy Associates Continuing Education Program. New York, New York. May 26, 2004.

Reducing Cardiac Risk: A Focus on ACE Inhibitors. Pharmacy Continuing Education Program. Poughkeepsie, New York. June 16, 2004.

Reducing Cardiac Risk: A Focus on ACE Inhibitors. Pharmacy Continuing Education Program. Elmira, New York. September 30, 2004.

Reducing Cardiac Risk: A Focus on ACE Inhibitors. Pharmacy Continuing Education Program. Pennsylvania Society of Health-System Pharmacists 36th Annual Assembly. Lake Harmony, Pennsylvania. October 14, 2004.

Challenging the Heparin Paradigm in VTE: The Evidence-Based Role of LMWHs. University Pharmacotherapy Associates Continuing Education Program. Williamsville, New York. October 20, 2004.

Management and Risk Reduction of Cardiovascular Events: Translating the Evidence into Clinical Practice. Pharmacy Continuing Education Program. Pennsylvania Society of Health-System Pharmacists Spring Meeting. Atlantic City, New Jersey. March 3, 2005.

ACLS Update. Pharmacy Continuing Education Program. Pennsylvania Society of Health-System Pharmacists Spring Meeting. Atlantic City, New Jersey. March 3, 2005.

Therapeutic Advances in Acute Decompensated Heart Failure. University Pharmacotherapy Associates Continuing Education Program. Erie, Pennsylvania. March 23, 2005.

NAPLEX Board Review Course. Presented to Doctor of Pharmacy students. Teaneck, New Jersey. May 31-June 1, 2005.

Therapeutic Advances in Acute Decompensated Heart Failure. University Pharmacotherapy Associates Continuing Education Program. Morristown, New Jersey. July 8, 2005.

PRESENTATIONS (CONT.)

Invited – Regional and Local

Therapeutic Advances in Acute Decompensated Heart Failure. University Pharmacotherapy Associates Continuing Education Program. Pennsylvania Society of Health-System Pharmacists 37th Annual Assembly. Seven Springs, Pennsylvania. October 13, 2005.

Therapeutic Advances in Acute Decompensated Heart Failure. University Pharmacotherapy Associates Continuing Education Program. Hammonton, New Jersey. December 21, 2005.

NAPLEX Board Review Course. Presented to Doctor of Pharmacy students. Erie, Pennsylvania. June 5-7, 2006.

Evolving Antithrombotic Therapy in ACS. University Pharmacotherapy Associates Continuing Education Program. Woodbury, New York. September 21, 2006.

Optimizing the Prophylaxis and Treatment of VTE: Enhancing Awareness, Management, and Quality. University Pharmacotherapy Associates Continuing Education Program. Canton, New York. September 21, 2006.

Evolving Anticoagulation Concepts in ACS. University Pharmacotherapy Associates Continuing Education Program. Rochester, New York. June 27, 2007.

Poster

Kowal PR, Moser L, Stauffer G, McKeithan O, Hoehns J, Miles R, Sanoski C, Vo T, O'Connell MB. Initial warfarin therapy outcomes from routine care of elderly inpatients. American Geriatrics Society Annual Meeting. Seattle, Washington. May, 1998.

Sanoski CA, Briscoe-Dwyer L. Assessing the Appropriateness of the Management of Dyslipidemias in Patients with Coronary Heart Disease. American Society of Health-System Pharmacists Midyear Clinical Meeting. Las Vegas, Nevada. December, 2000.

Peterson AM, Sanoski C, McGhan WF. Total direct medical costs of non-adherence to statin therapy within the first year of treatment. International Society of Pharmacoeconomics and Outcomes Research Annual International Meeting. Arlington, Virginia. May, 2002.

Sanoski C, Boyce E, Takiya L, Peterson A, Poon C. Description and Analysis of an Elective Teaching Rotation. American Association of Colleges of Pharmacy Annual Meeting. Kansas City, Missouri. July, 2002.

PRESENTATIONS (CONT.)

Poster

Umland EM, Sanoski CA, Peterson A. Survey of colleges of pharmacy: the presence, administration, and outcome of a discipline process. American Association of Colleges of Pharmacy Annual Meeting. San Diego, California. July, 2006.

PROFESSIONAL AFFILIATIONS

1993-Present

American College of Clinical Pharmacy

Committees/Task Forces:

- Publications Committee (October, 1998-September, 1999)
- 2001 Spring Forum Program Committee (October, 1999-April, 2001)
- 2002 Annual Meeting Program Committee (October, 2000-October, 2002)
- 2003 Annual Meeting Program Committee (October, 2001-October, 2003)
- Residency Task Force (October, 2002-October, 2004)
- 2006 Annual Meeting Program Committee (October, 2004-October, 2006)
- 2008 Spring Forum Program Committee (October, 2006-present), Chair (October, 2006-present)

Abstract reviewer (2002 – present)

PRN Membership:

- Cardiology PRN (1993 – present)
 - Secretary (October, 2001- October, 2002)
 - Chair-Elect (October, 2002-October, 2003)
 - Chair (October, 2003-October, 2004)
 - Mini-Sabbatical Review Panel (October, 2004-October, 2005), Chair (October, 2004-October, 2005)
- Education and Training PRN (July, 2002-present)
 - Secretary (October, 2004-October, 2006)

1993-Present

American Society of Health-System Pharmacists

Abstract reviewer (2000-present)

1999-Present

American Association of Colleges of Pharmacy

Abstract reviewer (2001-present)

PROFESSIONAL AFFILIATIONS (CONT.)

2001-Present	Mid-Atlantic College of Clinical Pharmacy Secretary-Treasurer (2001-2002) Chair (2002-2003)
2006-Present	American Heart Association Member, Clinical Cardiology

ACADEMIC COMMITTEES

Thomas Jefferson University

2007-present	Simulation Models Working Group
2007-present	Medical Supplies Working Group

University of the Sciences in Philadelphia

2000-2001	Faculty Senate Task Force
2000-2007	Student Conduct Committee Chair (2002-2007); Task Force to Revise Student Conduct Process (2004-2005)
2001-2002	Executive Council
2001-2002	Alcohol and Other Drugs (AOD) Committee Chair, Assessment of Environmental Change Subcommittee (2002)
2002-2003	Core Curriculum Task Force
2003-2004	Committee on Faculty Affairs
2004-2007	Writing Proficiency Committee
2006-2007	Association of Colleges and Universities Core Commitments Task Force
2006-2007	Writing Proficiency Exam Task Force

ACADEMIC COMMITTEES (CONT.)

Philadelphia College of Pharmacy

2000-2007	Curriculum Committee Chair (2005-2007)
2000-2007	Pharmacy Subcouncil Executive Committee
2002-2003	Secretary, Pharmacy Subcouncil
2003-2007	Vice-President, Pharmacy Subcouncil
2004-2005	Curriculum Implementation Task Force
2004-2005	Department of Pharmacy Practice and Pharmacy Administration Chair Search Committee

Philadelphia College of Pharmacy

2005-2007	Pharmacology/Pharmacotherapeutics Curriculum Implementation Team Co-Team Leader (2005-2007)
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Department of Pharmacy Practice and Pharmacy Administration

2002-2007	Faculty Recruitment Committee Chair (2005-2007)
2001-2002	Curriculum Committee Chair (2002)
2001-2003	Cardiovascular Pharmacotherapy Fellowship Advisory Committee
2001-2007	Cardiovascular Pharmacy Practice Residency Advisory Committee
2006-2007	Pediatric Pharmacy Practice Residency Advisory Committee

HONORS AND AWARDS

1988	Phi Eta Sigma Honor Society
1989	Mortar Board Honor Society
1990	Lambda Sigma Honor Society

HONORS AND AWARDS (CONT.)

1991	Rho Chi Pharmacy Honor Society
1991	Phi Lambda Sigma Pharmacy Leadership Society
1992	Warner Lambert Award for Superior Leadership in Pharmacy
1992	Allen and Hanbury's Pride in Pharmacy Award
1993	Merck Award for Excellence in Medicinal Chemistry
1993	McNeil Dean's Award for Excellence in Pharmaceutical Administration
1993	J. Cornetti Tucci Award for Excellence in Pharmaceuticals
1993	Galen Pharmaceutical Society Award for Excellence in Pharmaceutical Chemistry
1993	Duquesne University School of Pharmacy Faculty Award
1998	University of Illinois at Chicago Fellowship Award
2002	Nominated for the Academic Student Advisor of the Year Award. University of the Sciences in Philadelphia
2003	American Association of Colleges of Pharmacy Teacher of the Year Award. Philadelphia College of Pharmacy
2004	Faculty Special Recognition Award. University of the Sciences in Philadelphia.
2005	Nominated for the Lindback Distinguished Teaching Award. University of the Sciences in Philadelphia

REFeree

1996-Present	<i>Pharmacotherapy</i>
1998-Present	<i>Clinical Therapeutics</i>
1999-Present	<i>Formulary</i>
2001-Present	<i>Journal of Pharmacy Practice</i> Editorial Board (2001-present)
2003-Present	<i>American Journal of Managed Care</i>
2003-Present	<i>Hospital Pharmacy</i>
2004-Present	<i>Current Medical Research and Opinion</i> International Advisory Board (2007-present)
2004-Present	Lippincott, Williams, & Wilkins
2005-Present	<i>Gender Medicine</i>
2005-Present	<i>American Journal of Health-System Pharmacists</i>
2005-Present	<i>Journal of Pharmacy Teaching</i>
2005-Present	FA Davis Publishing Company
2006-Present	<i>Journal of Internal Medicine</i>

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LICENSURE

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Pennsylvania #RP-045721-R

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