

CURRICULUM VITAE

Timothy Mark Woods, Pharm.D., FASHP, BCPS

Clinical Coordinator and Residency Program Director
Pharmacy Department
Saint Luke's Hospital
4401 Wornall Road
Kansas City, Missouri 64111

816-932-3433

816-932-6168 (fax)

twoods@saint-lukes.org (e-mail)

PROFESSIONAL EXPERIENCE

- 1985 – present Clinical Coordinator/Residency Program Director
Pharmacy Department, Saint Luke's Hospital
Kansas City, Missouri
- Job responsibilities include coordination of patient-focused pharmacy services, drug use policy development, assisting with System Pharmacy and Therapeutics Committee activities, quality improvement programs and coaching/leadership of pharmacists, pharmacy residents and students.
- 2010 – present Member, Drug Safety and Risk Management Committee
United States Food and Drug Administration
Bethesda, Maryland
- 1986 – 1994 Director of Pharmacy
Charter Hospital of Overland Park
Overland Park, Kansas
- 1984 – 1985 Clinical Pharmacy Residency
University of California-San Francisco
San Francisco, California
- 1983 – 1984 Staff Pharmacist
University of Nebraska Medical Center
Omaha, Nebraska
- 1981 – 1983 Staff Pharmacist
St. Luke's Hospital
Kansas City, Missouri

ACADEMIC QUALIFICATIONS

1984 – 1985	Residency in Clinical Pharmacy (ASHP-accredited) University of California-San Francisco San Francisco, California
1983 – 1984	Doctor of Pharmacy College of Pharmacy University of Nebraska Medical Center Omaha, Nebraska
1978 – 1981	B.S. in Pharmacy School of Pharmacy University of Kansas Lawrence, Kansas
1975 – 1978	Pre-Pharmacy Education College of Arts and Sciences Kansas State University Manhattan, Kansas

ADDITIONAL TRAINING EXPERINCES

2007	Board-Certified Pharmacotherapy Specialist (BCPS)
2006	ASHP Residency Surveyor Training Program, Anaheim, California
1999	ASHP Residency Learning System Training Saint Luke-Shawnee Mission Health-System Kansas City, Missouri
1998	Implementing a Disease Management Program in Chronic Obstructive Pulmonary Disease, sponsored by VHA Mid- America, Kansas City, Missouri
1998	Commitment to Excellence, Baldrige Assessment Training, Saint Luke's Hospital, Kansas City, Missouri
1998	ASHP-University of North Carolina Leadership Institute University of North Carolina

Chapel Hill, North Carolina

- 1997-98 Tools and Techniques for Improving Prescribing Practices, Institute for Healthcare Improvement, Lansdowne, Maryland
- 1997 Methods for Improving the Medication Use System, Institute for Healthcare Improvement, St. Louis, Missouri
- 1996 Basic Statistical Quality Improvement Techniques for the Health Care Industry, QualPro Consultants, Saint Luke's Hospital, Kansas City, Missouri
- 1996 Experimental Design Techniques for Service and Administrative Processes, QualPro Consultants, Saint Luke's Hospital, Kansas City, Missouri
- 1985 – present Thirty or more hours annually of American Council on Pharmaceutical Education (ACPE) approved continuing education completed

LICENSURE

- 1981 – present Licensed to practice pharmacy in Kansas and Missouri

TEACHING EXPERIENCE

- 1999 – present Program Director, ASHP-accredited Pharmacy Practice Residency Program, Saint Luke's Hospital, Kansas City, Missouri
- 1998 – 2003 Professional Mentoring Program, William Jewell College, Liberty, Missouri
- 1995 – 2004 Clinical Instructor, University of Kansas Nurse Practitioner Program, University of Kansas Medical Center Kansas City, Kansas
- 1986 – present Preceptor, Pharmacy Externship Program, School of Pharmacy, University of Kansas
- 1991 – present Clinical Assistant Professor, School of Pharmacy, University of Kansas

1991 – present	Clinical Assistant Professor, School of Pharmacy, University of Missouri-Kansas City
1985	Lecturer in Pharmacology, Peridontal Fellowship Program, School of Dentistry, University of California-San Francisco
1985	Conference Leader for Clinical Therapeutics Course and Preceptor, Clinical Pharmacy 132, University of California- San Francisco
1978	Teaching Assistant in Developmental Psychology (HDFL 420), Kansas State University

PROFESSIONAL INVOLVEMENT

- American Society of Health-System Pharmacist (ASHP)
 - *Practice Model Summit Advisory Committee
2008-2010
 - *Immediate Past President, 2005-06
 - *Vice-Chair Research and Education Foundation,
2004-2007
 - *President and Chairman of the Board, 2004-05
 - *President-elect, 2003-04
 - *Board of Directors, 1999-2006
 - *Council of Legal and Public Affairs, 1993-97
Chair, 1997
Vice-Chair, 1996
 - *Council on Administrative Affairs, 1999
 - *Council on Organizational Affairs, 2000
 - *Council on Professional Affairs, 2001
 - *Organizational Task Force, 2000-01
 - *Political Action Committee (PAC) Advisory
Group, 1995
 - *Representative, House of Delegates, 1988-92 and
1996-98
 - *Practice Interest Advisory Panel, 1990-92
 - *Assisted Suicide Task Force, 1998
 - *Educational Programming Associate, 1990
- Missouri Society of Health-System Pharmacists
 - *President, 1997
 - *Board of Directors, 1996-99
 - *Program Committee Chair 2008

Kansas Society of Health-System Pharmacists
 *President, 1990
 *Board of Directors, 1988-91
 *Program Committee, 1985-88, 2000, 2008
 *Publication Committee, 1988
 American College of Clinical Pharmacy Paul Parker
 Medal Selection Committee 2009-10
 Greater Kansas City Society of Health-System Pharmacists
 *KSHP Representative, 1991
 *Program Committee, 1987-88 and 1995
 *Secretary, 1986
 Kansas Pharmacists Association
 *Board of Trustees, 1990
 *Finance and Operations Committee, 1993-96
 *Professional Affairs Committee, 1991-92
 *Organizational Affairs Committee, 1989
 University of Kansas School of Pharmacy Advisory
 Council
 *President, 1988-90
 *Executive Committee, 1991-92, 2005-06, 2009-10
 HealthNet of Kansas City, Pharmacy and Therapeutics
 Committee, 1997 - 2001
 VHA, Inc. Ceftriaxone Use Task Force, 1994-96
 Winthrop Diagnostics Radiology Advisory Board, 1989-90
 Midwest Health Congress Program Committee, 1986
 HMSS, Inc. Professional Advisory Board, 1987-94
 Novation Clinical Pharmacy Advisory Council 2001-04

HONORS AND AWARDS

2011	Kansas Council of Health-System Pharmacists Research Award
2010	Participant, ASHP Practice Model Summit Conference, Dallas, Texas
2010	Visiting Expert in Pharmacy, Riyadh Military Hospital, Riyadh, Saudi Arabia
2008	Visiting Expert in Pharmacy, University Hospital of Singapore and Singapore Health Ministry
2008	Missouri Society of Health-System Pharmacists Research Award

2004 Thomas N. Garrison Lecture Award for Distinguished Service to Missouri Health-System Pharmacy

2001 Missouri Society of Health-System Pharmacists Research Award

1999 Missouri Health-System Pharmacist-of-the-Year

1998 Missouri Society of Health-System Pharmacists Research Award

1995 Named Fellow of the American Society of Health-System Pharmacists (FASHP)

1995 Missouri Society of Health-System Pharmacists Research Award

1994 Hospital Pharmacist-of-the-Year, Kansas Society of Hospital Pharmacists

1993 Participant, ASHP Invitational Conference, Implementing Pharmaceutical Care, San Antonio, Texas

1992 Missouri Society of Hospital Pharmacists/Upjohn Research Award

1991 Harold N. Godwin Lecture Award for Distinguished Service in Hospital Pharmacy

1990 Ciba-Geigy Leadership Award

1990 Squibb Pharmaceuticals State Chapter Presidents Award

1988 Kansas Pharmacists Association Distinguished Young Pharmacist Award

1985 Chief Resident, Pharmacy Department, University of California-San Francisco

1984 Nebraska Society of Hospital Pharmacists Student Award

1984 Highest cumulative grade point average (4.00), Doctor of Pharmacy Class, University of Nebraska Medical Center

- 1983 Dean's Award, College of Pharmacy, Best Oral Presentation by a Pharmacy Student, 1983 Student Research Forum, University of Nebraska Medical Center
- 1983 Second Place, Best Presentation, Clinical Sciences Section, 1983 Student Research Forum, University of Nebraska Medical Center
- 1981 Merck Award for Excellence in Laboratory Performance, School of Pharmacy, University of Kansas

PUBLICATIONS

- Repp K, Hayes C, **Woods M**, Allen KB, Kennedy K, Aggerwal S, Borkon M. Hospital admissions caused by drug related problems in cardiac transplant patients: a prospective longitudinal study. *Ann Pharmacother.* 2012;46:1299-1307.
- Woods TM**, Lucas AJ, Robke JT. A case for a patient-centered integrated pharmacy practice model. (Letter) *Am J Health-Syst Pharm.* 2011;68:259-63.
- Woods TM**, Lucas AJ, Robke JT. A case for a patient-centered integrated pharmacy practice model. *Am J Health-Syst Pharm.* 2011;68:259-63.
- Woods M**, Lucas A. Practice Spotlight: Saint Luke's Hospital. Bethesda; American Society of Health-System Pharmacists; 2010;
<http://www.ashp.org/PPMI/Spotlight.aspx> (accessed 2011 Feb 3).
- Woods TM**. Developing models for pharmacy practice. (letter) *Am J Health-Syst Pharm.* 2010;67:24.
- Robke JT, **Woods TM**. A decade experience with an inpatient immunization program. *Am J Health-Syst Pharm.* 2010;67:148-52.
- Woods TM**. Practice model challenge. (editorial) *Am J Health-Syst Pharm.* 2009; 66:1167.
- Woods TM**. An essential ingredient. (editorial) *Am J Health-Syst Pharm.* 2007;64: 1911.
- Woods M**. Work-life balance: a challenge for everyone. *Am J Health-Syst Pharm.* 2007: 64:1222.
- Woods TM**. No ordinary time. *Am J Health-Syst Pharm.* 2007;64:859-62.

- Woods TM.** Honoring our commitment to members and patients. *Am J Health-Syst Pharm.* 2005;62:1697-9.
- Woods TM.** The seasons of pharmacy: nurturing professional growth and renewal. *Am J Health-Syst Pharm.* 2004;61:1821-8.
- Lurk JT, DeJong DJ, **Woods M**, Knell ME, Carroll CA. Effects of changes in patient Cost sharing and drug sample policies on prescription drug costs and utilization In a safety-net provider setting. *Am J Health-Syst Pharm.* 2004;61:267-72.
- Woods M**, Robke JT. Immunization as a primary intervention. (editorial) *Am J Health-Syst Pharm.* 2003; 60:1317.
- Nazworthy J, **Woods M**. Drug management versus disease management: development of standing orders for severe sepsis. *Hosp Pharm.* 2003; 38:1030-1036.
- Woods M**, Robke JT. Pharmacists as immunization advocates. (letter) *Clin Infect Dis.* 2003; 36:673-4.
- Woods M**, Milburn LA. Reflections from the field on the pharmacist scope of practice paper. *Am J Health-Syst Pharm.* 2003; 60:608-10.
- Gaddis GM, Holt TR, **Woods M**. Drug interactions in at-risk emergency department patients. *Academic Emergency Medicine.* 2002;9:1162-7.
- Robke J, **Woods, M**. Impact of incorporating pneumococcal vaccination status into critical pathways. *Hospital Pharmacy* 2002;37:1050-4.
- Woods M**. Cefepime: a new generation cephalosporin. *J Infect Dis Pharmacother* 1997;2:5-28.
- Woods M**. Cefepime: a fourth generation cephalosporin. Bristol-Myers Squibb Continuing Education Series, 1996.
- Woods M**. Contrast media: a review for pharmacists. *U.S. Pharmacist* 1994;19(10):H10-H23.
- Woods M**. Guidelines for the use of cefepime in adult patients. *Am J Hosp Pharm* 1994; 51:531-2.
- Woods M**. Becoming responsible for the provision of pharmaceutical care. *J Kansas Pharm* 1992;66:12-3.

Woods M, Tillman D. Antibiotic prophylaxis in cardiothoracic surgery 1990: results of a third survey. *Hosp Pharm* 1992;27:404-7.

Kreter B, **Woods M.** Antibiotic prophylaxis in cardiothoracic surgery: meta-analysis of thirty years of clinical trials. *J Thoracic Cardiovasc Surg* 1992;104:590-9.

Woods M, Gersema L, O’Hearn M, Gaugh D. Comparison of nonformulary and Formulary drug acquisition costs – an evaluative study. *J Kansas Pharm* 1991; 65(2):12-4.

Woods M, Wodtke J. Treatment guidelines for antibiotic-associated colitis. *J Kansas Pharm* 1991;65(1):14-8.

Vacek J, Gersema L, **Woods M, Bower C, Beauchamp G.** Incidence of reactions to Radiographic contrast material: comparison of iohexol and ioxaglate. *Am J Cardiol* 1990;66:1277-8.

Woods M, LeBlanc K, Gersema LM. Antibiotic Prophylaxis in open-heart surgery: results of a second survey. *Hosp Pharm* 1990;25:641-4.

Dollar C, **Woods M, Dubin K.** Handling gancyclovir as a cytotoxic agent (letter). *Am J Hosp Pharm* 1989;46:2458.

Woods M. “Whose side are they on?” (editorial) *J Kansas Pharm* 1988;62:14-5.

Woods M, McQueen K, Chilcoat K. Aminoglycoside antibiotics. *Clin Chem News* 1988;14:7.

Woods M. Quiz: Therapeutic drug monitoring. *Clin Chem News* 1986;12:16.

Woods M. The benzodiazepines. *Drug Utilization Review* 1986;2:78-80.

Gugliermo BJ, Flaherty J, **Woods M, Gambertoglio J.** Interaction of cefoperazone and tobramycin: an in vitro and in vivo analysis. *Antimicrob Agents Chemother* 1987;31:264-66.

Woods M. Carbamazepine as an alternative to lithium in bipolar affective disorder. *Drug Intell Clin Pharm* 1986;20:49-52.

PRESENTATIONS

ASHP’s PPMI: Why, Key Outcomes and Opportunities. Keynote address, Texas Society Of Health System Pharmacists Annual Meeting, Dallas, TX, April 20, 2012

ASHP's PPMI: Why, Key Outcomes and Opportunities. Keynote address, Federal Services Forum, American Society of Health-System Pharmacists Midyear Clinical Meeting, New Orleans, LA, December 6, 2012

Pharmacy Practice and Residency Accreditation Standards. Preparing Pharmacy for Accreditation Symposium. Riyadh Military Hospital, Riyadh, Saudi Arabia, May 16, 2010.

The Practice Model Challenge: Definitions, Drivers and Decisions. Missouri Society of Health-System Pharmacists/Kansas Council of Health-System Pharmacists Annual Meeting, Overland Park, Kansas, April 10, 2010

Hospital Pharmacy Practice Models in the 1990's. American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Vegas, Nevada, December 9, 2009

Increasing Pharmacy Staffing versus Increasing Investment in Technology: Point-Counterpoint. Health Connect Partners Spring Conference, Jacksonville, Florida, April 22, 2008.

Building a Better Profession. Health Alliance, Cincinnati, Ohio, October 24, 2007.

Leadership Skill for the Changing Workforce. American Society of Health-System Pharmacists Midyear Clinical Meeting, Kansas Society of Health-System Pharmacists Annual Meeting, April 16, 2007

Leadership Skill for the Changing Workforce. American Society of Health-System Pharmacists Midyear Clinical Meeting, Anaheim, California, December 6, 2006.

ASHP 2015 Quality Initiative. Sixth Asian Conference on Clinical Pharmacy. Bangkok, Thailand. July 7, 2005.

The Seasons of Pharmacy: Nurturing Professional Growth and Renewal. ASHP Presidential Inaugural Address, American Society of Health-System Pharmacists Summer Meeting, Las Vegas, Nevada, June 22, 2004.

Evaluation of Rapid Culture and Sensitivity Reporting to Pharmacists. Poster presentation. American Society of Health-System Pharmacists Midyear Clinical Meeting, Atlanta, Georgia, December 11, 2002.

Evaluation of COX-2 Inhibitor Use in a Clinic Setting. Poster presentation. American Society of Health-System Pharmacists Midyear Clinical Meeting, Atlanta, Georgia, December 11, 2002

Evaluation of Drug Interactions and Adverse Drug Reactions in Patients Admitted Through the Emergency Department. Poster presentation. American Society of Health-System Pharmacists Midyear Clinical Meeting, Atlanta, Georgia, Wednesday, December 11, 2002

Building Safety into Sepsis Management. Poster presentation. American Society of Health-System Pharmacists Midyear Clinical Meeting, Atlanta, Georgia, Wednesday, December 11, 2002

Utilization of Parenteral Nutrition in a Teaching Hospital. Poster presentation, American Society of Health-System Pharmacists Midyear Clinical Meeting, Atlanta, Georgia, RP33, Wednesday, December 11, 2002

Epidemiology and Economics of Vaccine-Preventable Diseases. Protecting Our Patients Premeeting symposium, ASHP Midyear Clinical meeting, Atlanta, Georgia, December 8, 2002

Creating a Plan for Clinical Management in Medication Use. VHA New England Regional Meeting, Manchester, New Hampshire, November 1, 2002.

Creating a Plan for Clinical Management in Medication Use. VHA Oklahoma-Arkansas MidAmerica Regional meeting, Shangri-La Resort, Afton, Oklahoma, August 8, 2002

Improving Preoperative Antibiotic Prophylaxis. Poster presentation, American Society Of Health-System Pharmacists Midyear Clinical Meeting, New Orleans, LA, 36P-293E, December 4, 2001

Retrospective Review of Drug Interactions in High-Risk Emergency Room Patients. Poster presentation, American Society of Health-System Pharmacists Mid-year Clinical Meeting, New Orleans, LA, 36:P-635E, December 6, 2001

Six Year Longitudinal Analysis of the Care of Community-Acquired Pneumonia. Poster presentation, American Society of Health-System Pharmacists Midyear Clinical Meeting, New Orleans, LA, 36:P-271D, December 4, 2001

The Pharm.D. Degree: Is it for Everyone? Collegio de Farmaceuticos de Puerto Rico, Del Mar, Puerto Rico, August 25, 2001

A Longitudinal Analysis of the Care of Community-Acquired Pneumonia Over a Six Year Period. Poster presentation, Missouri Society of Health-System Pharmacists Annual Meeting, St. Louis, Missouri, March 16, 2001

- Implementing an In-Patient Pneumococcal Vaccination Program.* Maine Society of Health-System Pharmacists Annual Meeting, Portland, Maine, February 7, 2001
- Errors of Omission: Improving Care In Community-Acquired Pneumonia Patients Using Critical Pathways.* American Society of Health-System Pharmacists Midyear Meeting, Las Vegas, NV, December 7, 2000
- Retrospective Study of Drug-Related Gastrointestinal Bleeding.* Poster presentation, American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Vegas, NV, December 7, 2000
- Impact of Incorporating Immunizations as a Routine Element of Critical Pathways.* Poster presentation, American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Vegas, Nevada, December 6, 2000
- Implementing an In-Patient Pneumococcal Vaccination Program.* Web-based Continuing Education Presentation sponsored by ASHP Advantage and the Merck Vaccine Division. August 31 and September 14, 2000.
- Impact of Implementing a Simplified Adverse Drug Reaction Report Form.* Poster presentation, American Society of Health-System Pharmacists Annual Meeting, 57:PI-48, Philadelphia, Pennsylvania June 6, 2000
- Overview of Pharmacy Residency Training Programs.* All School Convocation, School Of Pharmacy, South Dakota State University, Brookings, SD, March 24, 2000.
- The Professional Representative and Health-System Pharmacy.* Training session for new health-system representatives, Hoechst-Marrion Roussel Corporate Offices, Kansas City, Missouri. April 18, 1999.
- The Professional Representative and Health-System Pharmacy.* Training session for new health-system representatives, Hoechst-Marion Roussel Corporate Offices, Kansas City, Missouri. November 17, 1998.
- Improving Generic Prescribing Rates.* Institutes for Healthcare Improvement National Congress, Minneapolis, Minnesota. April 9, 1998
- Cefepime: a fourth generation cephalosporin.* Pharmacy Department, Bethany Hospital, Kansas City, Kansas. August 26, 1997
- Critical Evaluation of Medication Use in the Hospital.* Pharmacy Department, Truman Medical Center-West, Kansas City, Missouri. May 30, 1997
- Update on New Antimicrobial Agents.* Medical Grand Rounds, Lawrence Memorial Hospital, Lawrence, Kansas. May 22, 1997

Critical Evaluation of Medication Use in the Hospital. Pharmacy Department, Veteran's Administration Medical Center, Kansas City, Missouri. April 1, 1997.

Evaluating Advanced Generation Antimicrobial Agents. Tulsa, Oklahoma. November 14, 1996

New Drug Update: Focus on Ceftibuten, Dirithromycin and Cefepime. Kansas Pharmacists Association Annual Meeting, Lawrence, Kansas. October 5, 1996

Critical Pathway Development in the Second Generation. American Society of Health-System Pharmacists Annual Meeting, San Diego, California. June 5, 1996

Prudent Use of Vancomycin and Review of Vancomycin Resistance. Resident's Noon Conference, Saint Luke's Hospital, Kansas City, Missouri. May 14, 1996

Review of Osteomyelitis and Skin and Soft Tissue Infections. Pharmacy Department, University of Kansas Medical Center, Kansas City, Kansas. May 7, 1996

Pharmacoeconomic Evaluation of Novel Antimicrobial Delivery Methods. Kansas and Missouri Society of Health-System Pharmacists Annual Meeting, Kansas City, Missouri. April 12, 1996

Treatment of Endocarditis and Antimicrobial Prophylaxis in Surgery. Pharmacy Department, University of Kansas Medical Center, Kansas City, Kansas. April 9, 1996

Documenting Medication Use in the Patient Care Record. Greater Boston Area Health-System Pharmacist, Boston, MA. April 9, 1996

Documenting Medication Use in the Patient Care Record. Pharmacy Department, University of Kansas Medical Center, Kansas City, Kansas. December 14, 1995

Techniques to Encourage the Rational Prescribing of Antimicrobial Agents. Infectious Diseases Section/Clinical Pharmacy Residents, Duke University Medical Center, Raleigh-Durham, N.C. July 28, 1995

Incorporating Pharmacoeconomics Into Formulary Evaluations. Infectious Diseases Conference for *Topics in Hospital Pharmacy*, Santa Fe, N.M. April 29, 1995

Documenting Pharmaceutical Care in the Patient Care Record. Kansas Society of Hospital Pharmacists Annual Meeting, Wichita, Kansas. April 14, 1995

Basic Principles of Therapeutic Drug Monitoring. Prairie Chapter of the Chemical Ligand Society, Omaha, Nebraska. March 31, 1995

Aminoglycoside Therapy: Past, Present and Future. Resident's Noon Conference,
Saint Luke's Hospital, Kansas City, Missouri. March 15, 1995

Assessing and Improving Outcomes: A Mandate for Measuring and Monitoring Quality.
Saint Louis College of Pharmacy, St. Louis, Missouri. March 14, 1995

Managing Change: Getting Results From Quality Improvement. University of Kansas
Outreach Continuing Education Series, Hays, Kansas. December 3, 1994

Managing Change: Getting Results From Quality Improvement. Pharmacy Department,
Christian NE Hospital, St. Louis, Missouri. November 18, 1994

Candiduria: Clinical Significance and Treatment Alternatives. Resident's Noon
Conference, Saint Luke's Hospital, Kansas City, Missouri. May 10, 1994

Implementing Pharmaceutical Care. Nebraska Society of Hospital Pharmacists
Annual Meeting, Omaha, Nebraska. April 28, 1994

***Additional presentations given prior to 1994 available upon request

REFERENCES UPON REQUEST