

Curriculum Vitae

for

Larry W. Segars, BPharm, PharmD, DrPH, FCCP, FACE, BCPS, RPh

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Education:

2006 **Doctor of Public Health (Dr.P.H.; Dept. of Epidemiology; Summa Cum Laude)**
University of North Texas Health Science Center,
School of Public Health, Fort Worth, Texas

2004 Elective Coursework for Doctor of Public Health (Dr.P.H.) degree in Epidemiology
Harvard School of Public Health,
Boston, Massachusetts

1989 **Doctor of Pharmacy (Pharm.D.)**
University of Texas, College of Pharmacy, Austin, Texas &
University of Texas Health Science Center at San Antonio, San Antonio, Texas

1986 **Bachelor of Science in Pharmacy (B.S. Pharm.)**
Southwestern Oklahoma State University
School of Pharmacy, Weatherford, Oklahoma

Awards & Professional Recognitions:

- Received recognition for dedicated and sustained service to the American College of Epidemiology, Presented by the Board of the American College of Epidemiology, June, 2016
- Named Fellow of the American College of Epidemiology (FACE), January 2014.
- Appointed Treasurer of the American College of Epidemiology by the Board of Directors, 2014.
- Nominated for membership on the Board of Directors of the American College of Epidemiology, 2012.
- Named the 2012 Outstanding Alumnus for Southwestern Oklahoma State University's School of Pharmacy.
- Selected by the KCUMB Graduating Senior Class to be Keynote Speaker for the Baccalaureate Service, 2012.
- Received the Advocate for Academic Excellence Award (representing Teacher of the Year) presented by the KCUMB COM Class of 2011-Chapter of Psi Sigma Alpha (top 15% of COM second year student body), 2009.
- Named Fellow of the American College of Clinical Pharmacy (FCCP), October 2005.
- Received Second Place Award; University of North Texas Health Science Center's Research Appreciation Day poster presentation, 2005.
- Received Shire's West MSL Outstanding Performance Recognition Award, Shire U.S., 4th Quarter, 2003.
- Accepted into the National Dean's List for Graduate Students, University of North Texas Health Science Center-School of Public Health, 2003, 2005 & 2007 (4.0 GPA).
- Received Distinguished Alumni of the Year by the Alpha Omega Chapter of Phi Delta Chi, Southwestern Oklahoma State University School of Pharmacy, 2001 & 2004.
- Nominated for Faculty of the Year by the UHS Chapter of the Sigma Sigma Phi National Osteopathic Honor and Service Fraternity, 1999.
- Selected by the UHS-COM Graduating Senior Class to be Keynote Speaker for the Baccalaureate Service, 1999.
- Received a Certificate of Recognition from the National Board of Osteopathic Medical Examiners for Item Writing for the COMLEX Level 1 Board Exam, 1998 & 1999.
- Received the Faculty of the Year Award from the UHS Chapter of the Sigma Sigma Phi National Osteopathic Honor and Service Fraternity, 1998.

Awards & Professional Recognitions Continued:

- Received the Faculty of the Year Award from the UHS Chapter of the Sigma Sigma Phi National Osteopathic Honor and Service Fraternity, 1998.
- Received the Roche Preceptor of the Year Award presented by the University of Missouri-Kansas City, School of Pharmacy, 1998.
- Received a Certificate of Recognition from the UHS Family Medicine Residency Program for Meritorious Contribution and Dedication to Family Medicine, 1997.
- Received the Advocate for Academic Excellence Award (representing Teacher of the Year) presented by the UHS-COM Chapter of Psi Sigma Alpha (top 15% of UHS-COM second year student body), 1997.
- Named one of the Outstanding Young Men of America, 1996.
- Received a Plaque of Recognition from the St. Anthony Hospital Family Practice Residency Program for Outstanding Contribution and Dedicated Service, 1995.
- Received a Plaque of Recognition from the Southwestern Oklahoma State University School of Pharmacy for Outstanding Teaching Service and Scholarship, 1995.
- Received the American Association of Colleges of Pharmacy Faculty Of The Year Award from Southwestern Oklahoma State University, School of Pharmacy, 1995.
- Awarded a Certificate of Accomplishment at the Grand President's Degree (the highest level of recognition) by the Phi Delta Chi Professional Pharmacy Fraternity under the Alumni Recognition Method (A.R.M.) for continuing achievements in professional, civic, educational, and fraternal areas, 1995.
- Nominated for the Albert B. Prescott/Glaxo Leadership Award, 1995.
- Received a Certificate of Recognition from the St. Anthony Hospital Family Practice Residency Program for Dedicated Service to Family Medicine and the Residency Program, 1993-1994.
- Received the Alumni Of The Year Award from the Alpha Omega Chapter, Phi Delta Chi Professional Pharmacy Fraternity, School of Pharmacy, Southwestern Oklahoma State University, Weatherford, Oklahoma, 1987.
- Received the Superior Achievement Award from the School of Pharmacy, Southwestern Oklahoma State University, Weatherford, Oklahoma, 1986.
- Appointed to the Deans Council for Student Affairs, School of Pharmacy, Southwestern Oklahoma State University, Weatherford, Oklahoma, 1986.
- Placed in the Top Ten in the American Pharmaceutical Association's Patient Counseling Contest, School of Pharmacy, Southwestern Oklahoma State University, 1985.
- Appointed to the Deans Honor List, School of Pharmacy, Southwestern Oklahoma State University, 1983-1986.
- Received the High GPA Award for Second Year Pharmacy Students, Presented by Phi Delta Chi Professional Pharmacy Fraternity, Southwestern Oklahoma State University, Weatherford, Oklahoma, 1985.

Professional Experience:

2015-current	Associate Dean , College of Biosciences, Kansas City University of Medicine and Biosciences, & Associate Professor of Pharmacology , Division of Basic Medical Sciences, College of Osteopathic Medicine, Kansas City University of Medicine and Biosciences, Kansas City, Missouri
2006-2014	Chair, Department of Pharmacology/Microbiology; Associate Professor of Pharmacology , Department of Pharmacology/Microbiology, College of Osteopathic Medicine, Kansas City University of Medicine and Biosciences, Kansas City, Missouri
2007-current	PRN Pharmacist , St. Lukes East Hospital, Lee's Summit, Missouri
2004-2005	National Manager - Medical Science Liaisons , Global Medical Affairs, Shire Pharmaceuticals, Inc.
2003-2004	Medical Science Liaison , Global Medical Affairs, Shire Pharmaceuticals, Inc.
2001-2003	Medical Science Liaison II , Global Medical Affairs, Wyeth Pharmaceuticals, Inc.
2000-2001	Clinical Specialist - Internal Medicine , Department of Pharmacy, Parkland Hospital, Dallas, Texas
1995-2000	Associate Professor of Pharmacology and Family Medicine , Departments of Pharmacology and Family Medicine, College of Osteopathic Medicine, The University of Health Sciences, Kansas City, Missouri; & Clinical Faculty , UHS-COM Family Practice Residency Program, Department of Family Medicine, UHS-COM & Parklane Hospital, Kansas City, Missouri
1996-1999	Adjunct Clinical Associate Professor of Pharmacy Practice , University of Missouri-Kansas City, Division of Pharmacy Practice, School of Pharmacy, Kansas City, Missouri
1990-1995	Assistant Professor of Clinical Pharmacy , Department of Pharmacy Practice, Southwestern Oklahoma State University, Weatherford, Oklahoma; & Adjunct Clinical Faculty , Family Practice Residency Program, Department of Family Medicine, St. Anthony Hospital, Oklahoma City, Oklahoma

Professional Experience Continued:

1989-1990	Quality Assurance Coordinator & Assistant Director for Clinical Pharmacy Services , Harris Methodist Hospital-Fort Worth, Fort Worth, Texas
1988-1989	Pharmacist , Laurel Heights Pharmacy, San Antonio, Texas
1987-1988	Pharmacist , Medical Center Hospital, San Antonio, Texas
1986-1987	Pharmacist , Scott & White Hospital, Temple, Texas
1986-1987	Pharmacist , Albertson's Pharmacy, Temple, Texas

Teaching Experience:

2006-Current	Associate Professor of Pharmacology , Department of Pharmacology/Microbiology, College of Osteopathic Medicine, Kansas City University of Medicine and Biosciences, Kansas City, Missouri
2008-Current	Course Director – Introduction to Epidemiology , College of Biosciences, Kansas City University of Medicine and Biosciences, Kansas City, Missouri
2000-2001	Preceptor , University of Texas School of Pharmacy, Austin, Texas
1995-2000	Associate Professor of Pharmacology and Family Medicine , Departments of Pharmacology and Family Medicine, College of Osteopathic Medicine, The University of Health Sciences, Kansas City, Missouri; & Clinical Faculty , UHS-COM Family Practice Residency Program, Department of Family Medicine, UHS-COM & Parklane Hospital, Kansas City, Missouri
1996-1999	Adjunct Clinical Associate Professor of Pharmacy Practice , University of Missouri-Kansas City, School of Pharmacy, Division of Pharmacy Practice, Kansas City, Missouri
1990-1995	Assistant Professor of Clinical Pharmacy , Department of Pharmacy Practice, Southwestern Oklahoma State University, Weatherford, Oklahoma; & Adjunct Clinical Faculty , Family Practice Residency Program, Department of Family Medicine, St. Anthony Hospital, Oklahoma City, Oklahoma

KCUMB College of Biosciences – Master of Science in Biomedical Sciences Thesis Committees:

- Joseph Pankratz (2017)
- Viren Rana (2017)
- Daniel Boan (2015-2017)
- James Cox (2015-2017)
- Alexander Vavra (2015-2017)
- Nicolina Taylor (2016)
- Kelee Neal (2016)
- Leslie Mills (2008; Chair)
- Dora Kirschweg (2007; Chair)

KCUMB College of Biosciences – Master’s Program Courses Taught:

Introduction to Epidemiology (master’s-level, 3-hour course) (2008-)

Professional Organizations:

- American College of Epidemiology (2005-)
- American College of Clinical Pharmacy (1994-)
- American Society of Health-System Pharmacists (1989-1994; 2014)
- Missouri Society of Health System Pharmacists (1996-1999; 2014)
- Greater Kansas City Society of Health System Pharmacists (1996-1999; 2014)
- Kansas Council of Health System Pharmacists (2014)
- International Society for Pharmacoepidemiology (2005)
- American Public Health Association (2002-2005)
- American College of Clinical Pharmacy-D/FW Chapter (2000-2005)
- American College of Clinical Pharmacology (1996-1999)
- Mid-America College of Clinical Pharmacy (1996-2000)
- Missouri Association of Osteopathic Physicians & Surgeons (1996-2000)
- Missouri Pharmacy Association (1996-1999)
- American Osteopathic Association (1996-2000)

Professional Organizations Continued:

- Society of Teachers of Family Medicine (1995-1999)
- American Association of Colleges of Pharmacy (1990-1995)
- Oklahoma Society of Hospital Pharmacists (1990-1995)
- American, Texas, and Oklahoma Pharmaceutical Associations, student member (1983-1986)
- Texas Society of Hospital Pharmacists (1986-1990)
- North Central Texas Society of Hospital Pharmacists (1986)

Non-Professional Organizations:

- Southwestern Oklahoma State University, Alumni Association (Life Member)
- Phi Delta Chi Professional Pharmacy Fraternity, Alumni Association (Life Member)
- Southwestern Oklahoma State University, School of Pharmacy, Alumni Association (Life Member)
- University of Texas at Austin, School of Pharmacy, Alumni Association (1996-2012)
- Texas Association of Sports Officials (2001-2004)
- Missouri State High School Activities Association (1996-2000)
- Greater Kansas City Officials Association (1996-2000)
- Mid-America Umpire Association (1996-2000)
- National Federation Interscholastic Officials Association (1996-2000)
- Christian Pharmacists Fellowship International (1994-1999)
- Fellowship of Christian Athletes-Officials Chapter (1993-1995)
- Higher Education Alumni Council of Oklahoma (1990-1995)
- Lakeshore Estates II Neighborhood Association (1991-1995)
- Oklahoma Secondary Schools Activities Association (1991-1995)
- Oklahoma City Metro Officials Association (1991-1995)

Professional Licensure:

- Texas (29402) active
- Missouri (PH 2007026588) active
- Kansas (1-16431) active

Board Certification:

- Board Certified Pharmacotherapy Specialist (BCPS #294148) (1994-)

Non-Board Certification & Registration:

- Certified BLS (1992-1993, 2008-)
- Certified ACLS (2008-2010, 2012-)
- Registered Medication Therapy Services, State of Missouri (2007026588) (2013-)
- Certified Football Official (1991-2004)
- Certified Baseball Official (1990-2001)
- Certified BLS-CPR Instructor (1992-1993)

Professional Service:

American College of Epidemiology

- Treasurer (2014-)
- Full Member (2006-)
- Awarded Fellow Status (FACE) (2014)
- Communications Committee (2006)
- Finance Committee (2007-2014)
- Chair, Finance Committee (2010-2014)
- ACE Finance Comm. Liaison to 3rd Congress of Epidemiology Budget/Program Planning Comm. (2009-2010)
- Annual Meeting Abstract Reviewer; (2011; 2014-2015)
- Associate Member (2005-2006)

International Society for Pharmacoepidemiology

- Student Member (2005-2006)

Professional Service Continued:

American Public Health Association

- Abstract Reviewer, Annual Meeting, (2004; 2005; 2006; 2007)
- Student Member (2003-2005)

American Pharmaceutical Association

- Editorial Advisory Board Member, (1999-2001)

National Board of Osteopathic Medical Examiners (NBOME)

- Item writer for Pharmacology or Health Promotion/Disease Prevention Sections, Level 1 (1996-2000; 2006-)
- Item Review Committee, COMLEX Level 1, Pharmacology (1997-2000)
- Standard Setting Committee, COMLEX Level 1 (1998)
- Exam Construction Committee for Pharmacology Section, Level 1 (1996)

National Association of Boards of Pharmacy

- Item writer for NAPLEX (1996)

Board of Pharmaceutical Specialties

- Focus Group Advisor- New Credentialing (2005)
- Scope of Pharmacotherapy Practice Survey Participant (1995)
- Question Writer for the Pharmacotherapy Board Exam (1994; 1996; 1999)
- Item Reviewer for the Pharmacotherapy Board Exam (1994; 1999)

American Association of Colleges of Pharmacy

- Full Member (1994-1999)
- Membership Committee (1999)
- Archives Committee-Chairperson; Section of Teachers of Pharmacy Practice (1997)
- Awards Committee; Section of Teachers of Pharmacy Practice (1996)
- Membership and Resolutions Committee; Council of Faculties (1995)
- Contributed Papers Review Committee; Section of Teachers of Pharmacy Practice (1994)
- Quorum Committee; Council of Faculties (1993)
- PEP SIG Member (1994-1999)

American College of Clinical Pharmacology

- Membership Retention Committee (1997-1999)
- Full Member (1997-1999)

American College of Clinical Pharmacy

- Full Member (1994-)
- Outcomes & Economics PRN Member (2004-)
- Adult Medicine PRN Member (2000-)
- Awarded Fellow Status (FCCP) (2005)
- Organizational Affairs Committee (2013-2015)
- Fellowship (FCCP) Credentials Committee (2007-2012)
- Pharmacotherapy & Ambulatory Care Board Preparation Course – Biostatistics & Clinical Trials Chapters Reviewer (2010-2013)
- Critical Care Board Preparation Course – Research Design, Biostatistics, and Literature Evaluation Reviewer (2016)
- Pharmacotherapy Board Certification Mock Exam Expert Developer (Co-Lead) (2012-2014)
- Ambulatory Care Prep. Course Practice Examination Item Writer (2012)
- Judge for Best Student Poster, Annual Meeting (2011)
- 2007 Spring Research Forum Program Committee Member (2005-2007)
- Industry PRN Member (2002-2005)
- Nephrology PRN Member (2004-2005)

Professional Service Continued:

American College of Clinical Pharmacy Continued

- Dallas/Fort Worth Chapter (2000-2005)
- Constitution & Bylaws Committee (1998 & 2005)
- Moderator, Spring Practice & Research Forum Meetings (2002 & 2007)
- Abstract Reviewer, Spring Practice & Research Forum (2002; 2003; 2005-2008)
- Abstract Reviewer, Annual Meeting (1997; 2002-2004, 2007, 2011)
- Abstract Reviewer, Virtual Poster Presentation Session (2016)
- Ambulatory Care PRN Member (1996-2003)
- Women's Health Care PRN Member (2001-2003)
- Central Nervous System PRN Member (2001-2002)
- 2002 Spring Research Forum Program Committee (2000-2002)
- International Affairs Committee (2000)
- Budget & Finance Committee (1999)
- Chair, Research Committee, Ambulatory Care Practice Research Network (1998-1999)
- Grants External Reviewer, Bristol-Myers Squibb Family Medicine Research Award (1997)
- Awards Committee (1996)

Phi Delta Chi Professional Pharmacy Fraternity

- Grand Past President (2003-2005)
- Grand President (2 terms; 1999-2003)
- Life-Time Alumni Member (current)
- Regional Director for Alumni Affairs for the Midwest Region (Missouri, Nebraska, Kansas, North Dakota, South Dakota, Illinois, Michigan, Wisconsin, Minnesota, Ohio, Indiana, & Iowa) (1997-1999)
- Co-Regional Director for Alumni Affairs for the Midwest Region (Missouri, Nebraska, Kansas, Illinois, Michigan, Wisconsin, Minnesota, Ohio, Indiana, and Iowa) (1995-1997)
- Facilitator, 6th Leader Development Seminar, Ann Arbor, Michigan (1996)
- Regional Director for Alumni Affairs for the Southcentral Region (Texas, Oklahoma, Mississippi, Arkansas, Louisiana, Tennessee) (1994-1995)
- Faculty Sponsor, Alpha Omega Chapter, Southwestern Oklahoma State University (1990-1995)
- President, Alpha Omega Chapter, Southwestern Oklahoma State University (1986)
- Co-Coordinator for the 55th National Grand Council, Little Rock Arkansas (1985)
- Pledge Trainer, Alpha Omega Chapter, Southwestern Oklahoma State University (1985)
- Regional Correspondent for the Southcentral Region (2 terms; 1984-1986)
- Collegiate Member (1983-1986)

Kansas City University of Medicine & Biosciences

- College of Biosciences Curriculum Committee (2013-)
- Chair, College of Biosciences Curriculum Committee (2015-)
- Rank & Promotion Committee (2008-2010; 2014-)
- Faculty Advisor; American Medical Association-Student Chapter (2008-)
- Student Applicant Interviewer (1995-2000; 2006-)
- Chair, Clinical Psychology (PsyD) Program Director Search Committee (2016)
- Joplin Campus Dean Search Committee (2015)
- College of Osteopathic Medicine Curriculum Committee (2006-2015)
- College of Osteopathic Medicine Admissions Committee (2009-2012)
- Faculty Search Committees; various departments (1997-1998; 2006-2012; 2015)
- Chair, Strategic Planning Committee (selected by University President) (2011-2012)
- Faculty Peer Evaluator (Master Teacher); selected by University President (2009-2010)
- Promotion & Graduation Committee (2013-2014)
- Missouri Quality Award Committee (2007-2009)
- Honors & Awards Committee (1996; 2008-2009; 2010-2012)

Professional Service Continued:

Kansas City University of Medicine & Biosciences Continued

- Academic Accessibility Committee (2008-2010)
- Vice-Chair, Institutional Review Board (2006-2007)
- Chair, Institutional Review Board (2007-2008)
- Vice-Chair, Privacy Committee (2006-2007)
- Chair, Privacy Committee (2007-2008)
- Appeals Board (2006-2008)
- Research Committee (2006-2008)
- Vision By Values Committee (2007)
- Graduation Planning Committee (2008)
- Professionalism Committee (2006-2007)
- Academic Accessibility Committee (1999-2000)
- Institutional Review Board (1996; 1999-2000; 2006)
- Research Committee, Vice-Chair (1999-2000)
- Applicant Interview Team Captain (1997-2000)
- Continuing Education Committee, Chair (1996-2000)
- Grant Peer Review Panel (1999)
- Student Recruitment Committee (1996-1999)
- Grants Standards Committee (1996-1998)
- Attendance Policy Committee (1996-1998)
- Strategic Planning Task Force member; Institutional Assessment (1998)
- Promotion and Graduation Committee, Vice-Chairman (1997-98)
- Challenges Committee, a Subcommittee of the Curriculum Committee (1998)
- Clinical Rotations Committee (1997)
- Strategic Planning Committee: Team 5; Recruitment & Development (1997)
- Orientation Development Committee (1997)
- NCA Self-Study Vice-Chair for Support Programs & Resources Committee 4 (1996-1997; 2011-2012)
- Clinical Rotations Subcommittee of the Curriculum Committee (1996)

Missouri Pharmacy Association

- Professional Affairs Committee (1996)

Oklahoma Society of Hospital Pharmacists

- Strategic Planning Committee (1995)
- Program Committee, Fall Meeting Co-Chairperson (1993)

Parklane Medical Center

- Pharmacy & Therapeutics Committee (1995-1999)

Southwestern Oklahoma State University

- Current Therapeutics Subcommittee, Department of Pharmacy Practice (1995)
- Promotion & Tenure Committee Member and Chairperson for Dr. Barry Gales (1994)
- ACPE Self-Study, Organization & Administration Committee, School of Pharmacy (1994)
- Faculty Evaluations Subcommittee, Department of Pharmacy Practice (1994)
- Scholarly Activities Subcommittee, Department of Pharmacy Practice (1993)
- Departmental Promotion & Tenure Committee Member for Dr. ElGenia French (1993)
- Charter Faculty Member, Alpha Psi Chapter of Phi Lambda Sigma Professional Leadership Society, School of Pharmacy (1993)
- Judge, APhA Sponsored Patient Counseling Contest, School of Pharmacy (1991-1992)
- Faculty Sponsor, Alpha Omega Chapter, Phi Delta Chi Pharmacy Fraternity (1990-1995)

St. Anthony Hospital

- Pharmacy and Therapeutics Committee's Formulary Drug Advisory Subcommittee (1995)

Professional Service Continued:

St. Anthony Hospital Continued

- Project Evaluator, St. Anthony Family Practice Residency Program's Annual Retreat and Residents Research Presentations (1994-1995)
- Ethics Committee's Pain Management Subcommittee (1995)
- Pharmacy & Therapeutics Committee (1994-1995)
- Coordinator, Adverse Drug Reaction Reporting Program (1994-1995)
- Co-Author, Drug Relative Cost Comparison Handbook (1993)
- Author/Editor of *numerous* forms/documents for Department of Pharmacy (1991-1995)
- Pharmacotherapy/Pharmacokinetics Consultant, Department of Pharmacy (1990-1995) & the Family Practice Residency Program (1993-1995)
- Author for Department of Pharmacy Newsletter *The Pharmacy Bulletin* (1990-1991)
- CQI-Clinical Pharmacy Subcommittee (1993)

Harris Methodist Hospital-Fort Worth

- Pharmacy & Therapeutics Committee (1990)

University of Texas Health Science Center at San Antonio

- Department of Clinical Pharmacy Retreat Committee (1989)

Scott & White Hospital

- Drug Addition Advisory Subcommittee, Pharmacy & Therapeutics Committee (1986)

Journal Referee

- Reviewer, *American Journal of Men's Health* (2006-2009)
- Reviewer, *Archives of Family Medicine* (2000)
- Reviewer, *Pharmacotherapy* (1997)
- Reviewer/Author, Journal Club Section, *Journal of Family Practice* (1996-1999)
- Reviewer, *Annals of Pharmacotherapy* (1994-2009, 2011-2012)
- Reviewer/Editorial Advisory Board, *Journal of the American Pharmaceutical Association* (1999-2001)
- Reviewer, *Cardiovascular Diabetology* (2010)
- Reviewer, *Croatian Medical Journal* (2011)

Non-Professional Service:

- Football Official, Texas Association of Sports Officials (2001-2004)
- Football/Baseball Official, Missouri State High School Activities Association (1996-2000)
- Volunteer, Child Care Services, First Baptist Church, Lee's Summit, MO (1996-1997)
- Editor, *The Lakeshore Line* Newsletter, Lakeshore Estates Neighborhood Association (1993-1995)
- Secretary, Lakeshore Estates Neighborhood Association (1993-1995)
- Football/Baseball Official, Oklahoma Secondary School Activities Association (1991-1995)
- Monthly Volunteer, Child Care Services, Village Baptist Church, OKC, OK (1994-1995)

Publications:

Journal Articles/Abstracts: Peer-Reviewed:

- Neal K, Van Ess M, Stephens R, Segars L, Kauffman T. Cavernous sinus anatomy as viewed through endoscopic endonasal and lateral trans-cranial approaches *Surgical and Radiologic Anatomy* (submitted).
- Ottomeyer M, Matevossian K, Molani M, Graham CD, Law CD, Marlin J, Williams C, Newman R, Wassermann J, **Segars L**, Taylor T. Prevalence of nasal colonization of methicillin-resistant *Staphylococcus aureus* in homeless and economically disadvantaged populations in Kansas City. *Frontiers in Public Health, section Infectious Diseases* (submitted).
- **Segars LW**, Thorpe J, Willsie DA, Wasserman J, Suminski R, Mayfield C. Association between Attention Deficit-Hyperactivity Disorder and seeking ambulatory medical care for an injury. (Abstract) *Annals of Epidemiology*, 2013;23(9):594.
- **Suminski RR**, Wasserman JA, Mayfield CA, Segars LW, Glaros A. Associations between environmental characteristics and weight status in elementary school children. (Abstract) *Annals of Epidemiology*, 2013;23(9):589.

Journal Articles/Abstracts: Peer-Reviewed Continued:

- O'Connor K, Sahrman J, Magie R, **Segars LW**. Examining BMI in an urban core population: From health screening to physician visit. *Clinical Pediatrics* 2013;52(4):315-321.
- Crawford T, **Segars LW**, Rasu R. Prescribing trends for the treatment of congestive heart failure (CHF) from 2002-2004. *Research in Social and Administrative Pharmacy* 2013;9(4):482-489.
- Rasmussen DK, **Segars LW**. Case of ischemic colitis in a young adolescent associated with triphasic hormonal contraceptive therapy: a case report and review of the literature. *West Virginal Med J* 2011;107:22-25.
- Moser A, **Segars LW**. Evaluation of anti-hyperlipidemic therapy in U.S. patients with coronary heart disease: analysis utilizing the NAMCS. *J Am Osteopath Assoc* 2010;110 331-339.
- **Segars LW**, Lea A. Assessing prescriptions for statins in ambulatory diabetic patients in the United States: a national, cross-sectional study. *Clinical Therapeutics* 2008;30:2159-66. (Impact Factor: 3.261)
- Lea A, **Segars LW**. Use of statin therapy in U.S. diabetics: a retrospective cross-sectional analysis. *Pharmacotherapy* 2008;28:52e (abstract; at www.pharmacotherapy.org/pdf/Pharm2804_ACCP_Abstracts.pdf).
- **Segars LW**, Rene A. Geographic variation in the use of mood-stabilizers and atypical antipsychotics in the treatment of bipolar spectrum disorder by U.S. physicians. *Pharmacotherapy* 2005;10:1478 (abstract).
- Ginsberg L, **Segars LW**. Safety of extended-release carbamazepine in bipolar disorder: implications of polypharmacy. *Pharmacotherapy* 2005;10:1486 (abstract).
- Ginsberg L, **Segars LW**. The effectiveness of changing to carbamazepine extended-release capsules in bipolar disorder. *Pharmacotherapy* 2005; 10:1486 (abstract).
- Damment SJP, Gill Maggie, Confer S, **Segars LW**, et al. The bone kinetics of lanthanum in dialysis patients treated with lanthanum carbonate for up to 4.5 years. *Pharmacotherapy* 2005;25:467 (abstract).
- Malluche HH, Freemont AJ, Denton J, **Segars LW**, et al. No evidence of osteomalacia in dialysis patients treated with lanthanum carbonate for up to 5 years. *Pharmacotherapy* 2005;25:467 (abstract).
- Gatehouse DG, Beevers, C, Damment, JP, **Segars LW**. Lanthanum carbonate, the new non-aluminum, non-calcium phosphate binder is not genotoxic. *Pharmacotherapy* 2004;24:1447 (abstract).
- **Segars LW**, Barnett DW, Rene A, Lykens K. Geographic variation in the prescription of stimulants for Attention-Deficit/Hyperactivity Disorder by U.S. physicians. *Pharmacotherapy* 2004;24:1457 (abstract).
- **Segars LW**, Castleman S. Do back-up antibiotic prescriptions for the treatment of common respiratory symptoms alter fill rates and patient satisfaction? *J Fam Practice* 2001;50:177.
- **Segars LW**. Formal instruction on prescription writing & its jurisprudence: A survey of all U.S. osteopathic and allopathic medical schools. *Pharmacotherapy* 1999;19:485 (abstract).
- **Segars LW**. Saw palmetto extracts for benign prostatic hypertrophy. *J Fam Practice* 1999;48:88-9.
- **Segars LW**. Boyajian LA, Dyck DD. Short-term medical therapy for carpal tunnel syndrome. *J Fam Practice* 1998;47:336.
- **Segars LW**. Additional contraindication to use of angiotensin-converting-enzyme inhibitors. *Am J Health-System Pharm* 1997;54:1552 (letter).
- **Segars LW**, Boothe RL. Novel use of medicinal leeches: treatment of phlegmasia cerulea dolens. *Pharmacotherapy* 1996;16:496-7 (abstract).
- **Segars LW**, Boothe RL. Use of medicinal leeches in the treatment of phlegmasia cerulea dolens. *J Clin Pharmacol* 1996;36:850 (abstract).
- **Segars LW**, Thompson DF. Application of publication rates: Another perspective - Reply. *Pharmacotherapy* 1996;16:479.
- Thompson DF, **Segars LW**. Publication rates of U.S. schools and colleges of pharmacy 1976-1992. *Pharmacotherapy* 1995;15:487-94.
- Kourt B, **Segars LW**, Davis TW. When the prescription says leeches. *Am J Hosp Pharm* 1994;51:2113-4, 2116.
- Thompson DF, **Segars LW**. Publication rates of U.S. schools and colleges of pharmacy 1976-1992. *Pharmacotherapy* 1994;14:15 (abstract).
- Reid DJ, **Segars LW**. Methotrexate for the treatment of chronic corticosteroid-dependent asthma. *Clin Pharmacy* 1993;12:762-7.
- **Segars LW**, Threlkeld K. Clindamycin-induced lip and nasal passage swelling. *Annals of Pharmacotherapy* 1993;27:885-6.
- **Segars LW**, Gales BJ. Mesalamine and olsalazine: 5-aminosalicylic acid agents for the treatment of inflammatory bowel disease. *Clin Pharm* 1992;11:514-28.

Journal Articles/Abstracts: Peer-Reviewed Continued:

- **Segars LW**, Gales BJ. Mesalamine and olsalazine: 5-aminosalicylic acid agents for the treatment of inflammatory bowel disease. *Intern Pharmaceut Abstracts* 1992;14:1642 (abstract).
- Reynolds M, **Segars LW**. Sucralfate therapy of NSAID-induced gastritis. In: Gelman CR, Rumack BH, eds., *Drugdex Information System* Denver, CO: Micromedex, Inc., December, 1989.
- Reynolds M, **Segars LW**. Omeprazole therapy for Zollinger-Ellison Syndrome. In: Gelman CR, Rumack BH, eds., *Drugdex Information System* Denver, CO: Micromedex, Inc., November, 1989.

Book Chapters: Peer-Reviewed:

- **Segars L**. Crohn's Disease. in Pharmacotherapy: A Patient-Focused Approach. Schwinghammer T, ed. (1996) Appleton & Lange Publishing Co., Inc., Stamford, Connecticut, p. 141-6.

Book Reviews:

- **Segars L**. Book review of Realized Religion: Research on the Relationship Between Religion and Health. *Annals of Pharmacotherapy* 2001;35:1681.
- **Segars L**. Book review of Katzung's Basic and Clinical Pharmacology, 7th Edition. *Annals of Pharmacotherapy* 1998;32:508.
- **Segars L**. Book review of Avery's Drug Treatment, 4th Edition. *Annals of Pharmacotherapy* 1997; 31:1267.

Poster Presentations:

- Neal K, Van Ess M, Stephens R, Segars L, Kauffman T. Cavernous sinus anatomy as viewed through endoscopic endonasal and lateral trans-cranial approaches. Presented at the Annual Meeting of the American Association of Clinical Anatomists, Oakland, California, June 2016.
- Smith N, **Segars L**, Kauffman T, Olinger A. Using anatomical landmark to avoid phrenic nerve injury during balloon-based procedures in atrial fibrillation patients. Presented at the Annual Research Day Symposium at Kansas City University of Medicine & Biosciences, Kansas City, Missouri, March 2016.
- Seger L, Calvin H, Hetrick R, **Segars L**. Evaluation of cephalosporin and penicillin use in beta-lactam allergic patients: a pharmacy-led initiative to reduce utilization of non-preferred antibiotics in surgery and obstetrics. Presented at the joint Annual Meeting of the Kansas & Missouri Societies of Health-System Pharmacists, Kansas City, Missouri, April 2016.
- Connolly S, Caspers D, Hetrick R, **Segars L**, Burnett K. Evaluation of multiple dose dinoprostone for cervical ripening for induction of labor at a high volume community birth center. Presented at the joint Annual Meeting of the Kansas & Missouri Societies of Health-System Pharmacists, Kansas City, Missouri, April 2016.
- Seger L, Calvin H, Hetrick R, **Segars L**. Evaluation of cephalosporin and penicillin use in beta-lactam allergic patients: a pharmacy-led initiative to reduce utilization of non-preferred antibiotics in surgery and obstetrics. Presented at the Midyear Clinical Meeting of the American Society of Health-Systems Pharmacists, New Orleans, Louisiana, December 2015.
- Connolly S, Caspers D, Hetrick R, **Segars L**, Burnett K. Evaluation of multiple dose dinoprostone for cervical ripening for induction of labor at a high volume community birth center. Presented at the Midyear Clinical Meeting of the American Society of Health-Systems Pharmacists, New Orleans, Louisiana, December 2015.
- Ottomeyer M, Matevossian K, Molani M, Graham CD, Law CD, Marlin J, Williams C, Newman R, Wassermann J, **Segars L**, Taylor T. Prevalence of nasal colonization of methicillin-resistant *Staphylococcus aureus* in homeless and economically disadvantaged populations in Kansas City. Presented at the Annual Meeting of the American Society for Microbiology, New Orleans, Louisiana, June 2015.
- Matevossian K, Molani M, Ottomeyer M, Marlin J, Williams C, Newman R, VanGarsee A, **Segars L**, Taylor T. Effects of sociological factors on prevalence of nasal colonization of methicillin-resistant *Staphylococcus Aureus* in homeless and economically disadvantaged populations in Kansas City. Presented at the Annual Research Meeting of the American Osteopathic Association, Seattle, Washington, October 2014.
- Roller A, Cooper E, Marlin J, Williams C, Newman R, **Segars L**, Wasserman J, Taylor T. Longitudinal study of the prevalence of methicillin-resistant *Staphylococcus Aureus* in homeless and economically disadvantaged populations in Kansas City. Presented at the Annual Meeting of the Missouri Chapter of the American Society for Microbiology, Kansas City, Missouri, April, 2014.
- **Segars L**, Thorpe J, Willsie DA, Wasserman J, Suminski R, Mayfield C. Association between Attention Deficit-Hyperactivity Disorder and seeking ambulatory medical care for an injury. Presented at the Annual Kansas City University of Medicine and Biosciences Research Symposium, Kansas City, Missouri, November, 2013.

Poster Presentations Continued:

- Roller A, Cooper E, Marlin J, Williams C, Newman R, **Segars L**, Wasserman J, Taylor T. Longitudinal study of the Prevalence of Methicillin-Resistant *Staphylococcus Aureus* in Homeless and Economically Disadvantaged Populations in Kansas City. Presented at the Annual Kansas City University of Medicine and Biosciences Research Symposium, Kansas City, Missouri, November, 2013.
- **Segars L**, Thorpe J, Willsie DA, Wasserman J, Suminski R, Mayfield C. Association between Attention Deficit-Hyperactivity Disorder and seeking ambulatory medical care for an injury. Presented at the Annual Meeting, American College of Epidemiology, Louisville, Kentucky, September, 2013.
- Suminski RR, Wasserman JA, Mayfield CA, **Segars L**, Glaros A. Associations between environmental characteristics and weight status in elementary school children. Presented at the Annual Meeting, American College of Epidemiology, Louisville, Kentucky, September, 2013.
- **Kramer S**, Teale GA, **Segars L**. Accuracy of the collection of patient home medications by nurses and pharmacists in a small community hospital. Presented at the Annual Meeting, Missouri Society of Health-Systems Pharmacists, St. Charles, Missouri, April, 2009.
- Bahel A, **Segars L**. Geographic Variation in the Prescription of Stimulants for Attention Deficit Hyperactivity Disorder (ADHD) by U.S. Physicians. Presented at the Annual Meeting, American Osteopathic Association, Las Vegas, Nevada, October, 2008.
- Lea A, **Segars L**. Use of statin therapy in U.S. diabetics. Presented as an encore presentation at the Spring Research Forum Meeting, American College of Clinical Pharmacists, Phoenix, AZ, April, 2008.
- Crawford T, **Segars L**. Prescribing trends for the treatment of congestive heart failure (CHF) from 2002-2004. Presented at the Annual Meeting, American Society of Health-Systems Pharmacists, Las Vegas, NV, December, 2007.
- Lea A, **Segars L**. Use of statin therapy in U.S. diabetics. Presented at the Annual Meeting, American College of Osteopathic Internists, Boston, MA, October, 2007.
- Moser A, **Segars L**. Evaluation of Anti-hyperlipidemic Therapy in U.S. Patients with Coronary Heart Disease: Analysis Utilizing the NAMCS. Presented at the Annual Meeting, American Osteopathic Association, Las Vegas, Nevada, October, 2006.
- **Segars L**, Rene A. Geographic variation in the use of mood-stabilizers and atypical antipsychotics in the treatment of bipolar spectrum disorder by U.S. physicians. Presented at the Annual Meeting, American College of Clinical Pharmacy, San Francisco, California, October, 2005.
- Ginsberg L, **Segars L**. Safety of extended-release carbamazepine in bipolar disorder: implications of polypharmacy. Presented at the Annual Meeting, American College of Clinical Pharmacy, San Francisco, California, October, 2005.
- Ginsberg L, **Segars L**. The effectiveness of changing to carbamazepine extended-release capsules in bipolar disorder. Presented at the Annual Meeting, American College of Clinical Pharmacy, San Francisco, California, October, 2005.
- **Segars L**, Barnett DW, Rene A, Lykens K. Geographic variation in the prescription of stimulants for Attention-Deficit/Hyperactivity Disorder by U.S. physicians. Presented at the University of North Texas Health Science Centers Research Appreciation Day Poster Presentation Competition, Fort Worth, Texas, April, 2005 (2nd place).
- Damment SJP, Gill Maggie, Confer S, **Segars L**, et al. The bone kinetics of lanthanum in dialysis patients treated with lanthanum carbonate for up to 4.5 years. Presented at the Spring Research Forum Meeting, American College of Clinical Pharmacy, Myrtle Beach, South Carolina, April, 2005.
- Malluche HH, Freemont AJ, Denton J, **Segars L**, et al. No evidence of osteomalacia in dialysis patients treated with lanthanum carbonate for up to 5 years. Presented at the Spring Research Forum Meeting, American College of Clinical Pharmacy, Myrtle Beach, South Carolina, April, 2005.
- **Segars L**, Barnett DW, Rene A, Lykens K. Geographic variation in the prescription of stimulants for Attention-Deficit/Hyperactivity Disorder by U.S. physicians. Presented at the Annual Meeting, American College of Clinical Pharmacy, Dallas, Texas, October, 2004.
- Gatehouse DG, Beevers, C, Damment, JP, **Segars L**. Lanthanum carbonate, the new non-aluminum, non-calcium phosphate binder is not genotoxic. Presented at the Annual Meeting, American College of Clinical Pharmacy, Dallas, Texas, October, 2004.
- Speake M, Webster I, **Segars L**. Long-term safety, tolerability and efficacy of lanthanum carbonate therapy. Presented at the 35th National Symposium, American Nephrology Nurse's Association (ANNA), Washington, D.C., April, 2004.
- Gill M, Webster I, **Segars L**. Efficacy and safety of lanthanum carbonate, the new phosphate binder, in Chinese patients with end-stage renal disease. Presented at the 35th National Symposium, American Nephrology Nurse's Association (ANNA), Washington, D.C., April, 2004.

Poster Presentations Continued:

- Fiddler G, Rahmani SS, **Segars L.** Lanthanum carbonate is a novel phosphate binder which does not interact with co-administered warfarin, metoprolol or digoxin. Presented at the American Dietetic Associations' Annual Meeting, San Antonio, Texas, October, 2003.
- **Segars L.** Formal instruction on prescription writing & its jurisprudence: A survey of all U.S. osteopathic and allopathic medical schools. Presented at the American College of Clinical Pharmacy's International Congress on Clinical Pharmacy Meeting, Orlando, Florida, April, 1999.
- **Segars L.** Development of an inter-professional clinical pharmacology/family medicine rotation. Presented at the American Association of Colleges of Pharmacy Annual Meeting, Indianapolis, Indiana, July, 1997.
- **Segars L,** Boothe RL. Novel use of medicinal leeches: treatment of phlegmasia cerulea dolens. Presented at the American College of Clinical Pharmacy Annual Meeting. Nashville, Tennessee. August, 1996.
- Thompson DF, **Segars L.** Publication rates of U.S. schools and colleges of pharmacy 1976-1992. Presented at the American College of Clinical Pharmacy Annual Meeting. St. Louis, Missouri. August, 1994.
- Curtis TD, **Segars L.** Student-conducted discharge counseling program in a rehabilitation unit. Presented at the Oklahoma Society of Hospital Pharmacists Annual Meeting, Oklahoma City, Oklahoma, April, 1991.

Newsletters:

- Prater AL, **Segars L.** Fibrin glue. *The Pharmacy Bulletin* 1991;24:2-3.
- Bhakta P, **Segars L.** Clonidine in the treatment of alcohol withdrawal. *The Pharmacy Bulletin* 1990;23:1-2.
- Valdez J, **Segars L.** Does nitrate tolerance occur and if so, how can it be prevented. *The Pharmacy Bulletin* 1990;23:3-4.

Invited Lectures & Presentations:

Only state-, or national-level, outside organization presentations are listed. Over 80 other local, residency-based or other institutional/organizational lectures provided over the past 30+ years.

- Biostatistics for Pharmacists Specialty Board Preparation, Given to the Department of Pharmacy, Shawnee Mission Medical Center, Shawnee Mission, Kansas, 2016.
- Fundamental of Biostatistics and Clinical Trial Design, Given to the American College of Clinical Pharmacy as a half-day pre-meeting workshop prior to the Update in Therapeutics Spring Meeting, Phoenix, Arizona, 2016.
- Speed Networking event between invited Fellows (FACE) and student/associate members, Annual Meeting of the American College of Epidemiology, Atlanta, Georgia, 2015
- Study Designs and Methodologies Webinar, Given to the American College of Clinical Pharmacy, Across the U.S. for 400 participants, August 31, 2015.
- Application of Epidemiology, Study Design & Methodology, and Biostatistics for Specialty Board Preparation or Use in Literature Evaluation, Given to the Louisiana Society of Health-System Pharmacists' Annual Meeting, New Orleans, Louisiana, 2015.
- Fundamental of Biostatistics and Clinical Trial Design, Given to the American College of Clinical Pharmacy as a half-day pre-meeting workshop prior to the Update in Therapeutics Spring Meeting, Chicago, Illinois, 2015.
- BPS Pharmacotherapy Exam Preparation Lecture Series (Biostatistics, Epidemiology, Research Design & Methodology), Given to Pharmacy Department, St. Lukes South Hospital, Kansas City, Missouri, 2014.
- BPS Pharmacotherapy Exam Preparation Lecture Series (Biostatistics, Epidemiology, Research Design & Methodology), Given to Pharmacy Departments, Southern Region (multiple states), HCA Healthcare System, 2014.
- BPS Pharmacotherapy Exam Preparation Lecture Series (Biostatistics, Epidemiology, Research Design & Methodology), Given to Pharmacy Department, St. Lukes East Hospital, Lee's Summit, Missouri, 2012.
- Prescription Drug Abuse. Jackson County, MO COMBAT educational program. Multiple cities in KC during Fall, 2012.
- Research with the National Ambulatory Medical Care Survey (NAMCS): Differences in Risk of Injury Between Stimulant Treated and Untreated ADHD Patients. Presented to the 2007 Spring Practice & Research Forum Meeting of the American College of Clinical Pharmacy, Memphis, Tennessee, April, 2007
- Introduction Publically-Available, Population-Based Surveys. Presented to the 2007 Spring Practice & Research Forum Meeting of the American College of Clinical Pharmacy, Memphis, Tennessee, April, 2007
- Type 2 Diabetes: A UKPDS Update. Presented to the Sixth Annual CME & Hunt, Phillipsburg, Kansas, November, 1999
- The Future of Clinical Pharmacy. Presented to the 1999 AMA-MSS Section II Meeting, UHS-COM, Kansas City, Missouri, October, 1999
- That Little Dashed Line. Presented to 1999 UHSCOM Graduating Class at the Baccalaureate Service, May, 1999

Invited Lectures & Presentations Continued:

- Type 2 Diabetes: A UKPDS Update. Presented to the 1999 Annual Meeting of the Mississippi Osteopathic Medical Association, Destin, Florida, June, 1999
- Type 2 Diabetes: A UKPDS Update. Presented to the 1999 Annual Meeting of the Missouri Association of Osteopathic Physicians and Surgeons, Lake of the Ozarks, Missouri, May, 1999
- Anticoagulation: Update on the Latest *Chest* Recommendations. Presented to Guatemala DOCARE International participants, Antigua, Guatemala, February, 1999
- Antidepressant Therapy in the '90's: Focusing on Drug Interactions and the Cytochrome P450 System. Presented to the 1998 Annual Meeting of the Missouri Association of Osteopathic Physicians and Surgeons, Lake of the Ozarks, Missouri, May, 1998
- Antidepressant Therapy: Focusing on Drug Interactions and the Cytochrome P450 System. Presented to the 1998 Annual Meeting of the Mississippi Osteopathic Medical Association, Destin, Florida, May, 1998
- Pharmacotherapy of Tuberculosis. Presented to Alabama Osteopathic Medical Association Annual meeting, Fort Walton Beach, Florida, August, 1997.
- Treatment of Asthma/COPD: Discussion of Direct and Indirect Bronchodilators. Presented to faculty, residents, interns, and students, Morning Report Presentation Series, Parklane Hospital, Kansas City, Missouri, February, 1996
- Treatment of Myocardial Infarction: Basic and Clinical Pharmacology. Presented to faculty, residents, interns, and students, Morning Report Presentation Series, Parklane Hospital, Kansas City, Missouri, February, 1996

Funded Service Projects:

- Drug relative cost comparison handbook. Funded by Sandoz Pharmaceuticals, 1993

KCUMB's Competitively-Funded Summer Research Fellowships:

- Moser A: Evaluation of anti-hyperlipidemic therapy in U.S. patients with coronary heart disease: analysis utilizing the NAMCS; \$3,800, Summer 2006.
- Bahel A: Geographic variation in the prescription of stimulants for the treatment of ADHD by U.S. physicians; \$3,000, Summer 2007.
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Non-Funded, Non-Thesis Student-Associated Research Projects:

- Sutton A, Menser M, Vogt KA, Washko D, Peterson J, **Segars LW**, Wang K. Sun tanning characteristics and practices of Midwest medical students. KCUMB DO Student Independent Research Project, completed May, 2013.
- **Segars LW**, Thorpe J, Willsie D. Association between attention deficit-hyperactivity disorder and seeking ambulatory medical care for an injury. KCUMB DO Student Independent Research Project, completed August 2011.
- Lea A, **Segars LW**. Use of statin therapy in U.S. diabetics, KCUMB Internal Medicine Resident Independent Research Project, completed August, 2007.
- Crawford T, **Segars LW**. Trends in the prescribing patterns for the treatment of congestive heart failure, Independent Research Project with UMKC PharmD Student, completed August, 2007.
- Church F, **Segars LW**. Blood pressure changes in obese female patients on individualized phentermine/fenfluramine vs. dexfenfluramine (Redux) weight loss regimens, UHS-COM Elective Clinical Pharmacology Research Project, completed December, 1996.
- Tipping C, **Segars LW**. Noncompliance of pediatric asthma patients at an inner city health clinic, UHS-COM Elective Clinical Pharmacology Research Project, completed December, 1996.
- Sparenberg S, **Segars LW**. Diabetes mellitus type-2 patients and hemoglobin A_{1c} monitoring, UHS-COM Elective Clinical Pharmacology Research Project, completed December, 1996.

References:

- *Available upon request.*