

*Amber S. Fifer, B.S., Pharm.D.*

Research Assistant Professor, Center for Clinical Research  
Director of Clinical Research, Neurology  
Southern Illinois University (SIU) School of Medicine

### **Education**

*September 2000*

Illinois State Pharmacist Licensure, License No. 051287933

*May 1997*

Doctor of Pharmacy  
St. Louis College of Pharmacy  
St. Louis, Missouri

*November 1996*

Missouri State Pharmacist Licensure, License No. 044553

*May 1996*

Bachelor of Science, Pharmacy  
St. Louis College of Pharmacy  
St. Louis, Missouri

### **Professional Experience**

*June 2015 - Present*

Director of Clinical Research, Dept. of Neurology

*July 2014 – Present*

Research Assistant Professor  
SIU School of Medicine  
Center for Clinical Research (CCR)

Experience includes:

- Planning, coordination, administration and implementation of existing and emerging clinical research programs at SIU School of Medicine as well as collaborations with SIU School of Pharmacy
- Assistance in the administration of the Clinical Research Operations Core of the CCR
- Supervision of researchers and study coordinators
- Assistance with clinical research protocol development
- Serving as a faculty advisor to the Springfield Committee on Research Involving Human Subjects (SCRHS) Institutional Review Board (IRB), as well as serving as an IRB full board member and IRB advisory panel member
- Development and implementation of the Human Subjects Protection Office's Education and Compliance Program
- Assistance to the Department of Neurology with research program development, strategic planning, implementation and administration
- Participation in undergraduate and graduate medical education and pharmacy student teaching
- Participation in collaborative research
- Submitting and obtaining research grants and publications

- Membership on departmental, medical school and university committees
- Manuscript review for professional journals

*July 2014 – Present*

PRN Pharmacist  
St. John's Hospital  
Springfield, IL

Experience includes:

- Clinical/staff pharmacist on an as needed basis
- Serving as Emergency Department Pharmacist as needed

*June 2011 – August 2012*

Interim Clinical Coordinator  
St. John's Hospital  
Springfield, IL

Experience includes:

- Coordinating, collaborating and providing expertise in support of all of the pharmacy department's clinical activities
- Overseeing the clinical education of the pharmacists
- Providing supervision and/or administrative responsibilities for the pharmacy department
- Coordinating all of the pharmacy student experiential rotations
- Precepting pharmacy residents
- Providing support to the pharmacy residency coordinator
- Precepting and/or advising the pharmacy residents
- Pharmacy and Therapeutics (P&T) Committee secretary
- Performing cross-functional duties including those of the IV Admixture Pharmacist and the Staff Pharmacist.

*May 2009 – July 2014*

Clinical Pharmacist  
Investigational Drug/CHF Clinic/Critical Care  
St. John's Hospital  
Springfield, IL

Experience includes:

- Coordinating, collaborating and providing expertise in support of clinical investigational drug trials
- Performing education responsibilities
- Providing accurate and efficient dispensing of medication
- Performing administrative responsibilities
- Providing direct and/or functional supervision
- Maintaining overall responsibility for pharmacy operations in assigned area
- Performing communication responsibilities
- Performing cross-functional duties including those of the Staff Pharmacist
- Serving as clinical pharmacist for Prairie Heart Institute's Congestive Heart Failure (CHF) and Hospital to Home (H2H) Clinic
- Rounding with medical staff in the Intensive Care Unit (ICU)
- Precepting of pharmacy residents and students
- Local IRB committee member (SCRIHS)

*April 2002 – June 2006*

Clinical Pharmacist  
Nutrition Support  
St. John's Hospital  
Springfield, IL

Experience includes:

- Daily rounds with a multi-disciplined Nutrition Support Team
- Development of patient-specific nutritional plans with other members of the team
- Assessment of patient-specific drug therapy with significance to nutritional plan and modification as necessary
- Education of other health care professionals regarding drug therapy and nutritional plan
- Preparation and presentation of in-services and classes for students, as well as other health care professionals
- Participation in research for the Nutrition Support Team
- P&T Committee member.

*June 2001 – April 2002*

Clinical Staff Pharmacist  
St. John's Pharmacy  
Springfield, IL

Experience includes:

- Staffing in all pharmacy satellites, main pharmacy, IV additive room and Women and Children's Center Pharmacy
- Participation in the verification and filling of intravenous fluids, total parenteral nutrition, chemotherapy, oral medications, and controlled substances
- Educational presentations for staff

*September 2000 – May 2001*

Pharmacist  
CVS RX Services  
Belleville, IL

Pharmacist in a large retail chain pharmacy. Experience includes significant amount of patient counseling.

*May 1997 – September 2000*

Level II Pharmacist  
Barnes-Jewish Hospital Pharmacy  
St. Louis, Missouri

Experience includes:

- Staffing in a critical care pharmacy satellite: entering and filling of intravenous fluids, total parenteral nutrition, oral medications and narcotics
- Participation in clinical duties, such as discharge teaching, profile review and antibiotic approval
- Preceptor for pharmacy students and residents from St. Louis College of Pharmacy.

*February 1999 – September 2000*

Pharmacist  
Corum Healthcare Services, Inc.  
St. Louis, Missouri

PRN pharmacist for a long term care facility.

*November 1996 – September 2000*

Pharmacist  
Keller Apothecary  
St. Louis, Missouri

PRN pharmacist for an independent pharmacy which specializes in elderly patients and long-term care residents.

*May 1991 - May 1997*

Pharmacist Intern  
Barnes Hospital Pharmacy  
St. Louis, Missouri

### **Professional Service**

*July 2014 – Present*

Springfield Committee for Research Involving Human Subjects (SCRIHS)  
Institutional Review Board (IRB) Faculty Advisor

*July 2014 – Present*

Springfield Committee for Research Involving Human Subjects (SCRIHS)  
Institutional Review Board (IRB) Advisory Panel Member

*May 2009 – Present*

Springfield Committee for Research Involving Human Subjects (SCRIHS)  
Institutional Review Board (IRB) Member

*June 2011 – August 2012*

Pharmacy & Therapeutics (P&T) Committee Secretary

*April 2002 – June 2006*

Pharmacy & Therapeutics (P&T) Committee Member

### **Professional Training and Development**

American Neurological Association's 7<sup>th</sup> Annual Translational and Clinical Research Course for Clinician-Scientists. July 19<sup>th</sup> – 21<sup>st</sup>, 2015. Mt Washington Conference Center, Baltimore, MD.

Executive Lean Six Sigma White Belt Training. Jan 2015. Memorial Health System, Springfield, IL.

American Society of Health Systems Pharmacists (ASHP) Residency Learning System PGY1 Existing Programs Workshop. Jun 11<sup>th</sup>, 2011. ASHP 2011 Summer Meeting and Exhibition. Denver, CO

### **Academic Appointments**

*06/2015 to Present*

Director, Clinical Research, Neurology

*07/2014 to Present*

Research Assistant Professor, Southern Illinois University School of Medicine

*07/2014 to Present*

Adjunct Assistant Professor, Southern Illinois University School of Pharmacy

*06/2012 to Present*

Adjunct Assistant Professor, Drake University College of Pharmacy and Health Sciences

*01/2012 to 7/2014*

Preceptor, Purdue University College of Pharmacy

*06/2011 to 7/2014*

Preceptor, University of Illinois College of Pharmacy

*06/2011 to 7/2014*

Preceptor, Albany College of Pharmacy

*06/2011 to 7/2014*

Preceptor, Creighton University School of Pharmacy

*05/2011 to 7/2014*

Preceptor, Southern Illinois University School of Pharmacy

04/2002 to 7/2014  
04/2002 to 7/2014  
04/2002 to 7/2014

Preceptor, Midwestern University Chicago College of Pharmacy  
Preceptor, Butler College of Pharmacy  
Adjunct Clinical Instructor, St Louis College of Pharmacy

### Abstracts Presented

Ala T, Simpson G, Holland M, Tabassum V, Deshpande M, Fifer A. Patients' ability to recall their medical regimens and their caregivers' awareness of their abilities. 14th International Athens/Springfield Symposium on Advances in Alzheimer Therapy, Athens, Greece. Retrieved April 15, 2015, from [http://www.siumed.edu/cpd/alzheimer/pdf/abstractbook\\_2016.pdf](http://www.siumed.edu/cpd/alzheimer/pdf/abstractbook_2016.pdf) (page 146).

Genzlinger KM, Stanton AS, Ertel GJ, Mullin ME, Ruscin JM. Medication reconciliation initiation by pharmacists, pharmacy technicians and pharmacy students at St John's Hospital. Poster Presentation at Illinois Council of Health-System Pharmacists Spring Meeting. March 2012. Bloomington, IL.

Genzlinger KM, Stanton AS, Ertel GJ, Mullin ME, Ruscin JM. Medication reconciliation initiation by pharmacists, pharmacy technicians and pharmacy students at St John's Hospital. Poster Presentation at the 46<sup>th</sup> American Society of Health-System Pharmacists Midyear Clinical Meeting. Dec 2011. New Orleans, LA.

Brenkendorff AS, Schaiff RA. Tramadol: A Drug Utilization Evaluation. Poster Presentation at the 32<sup>nd</sup> American Society of Health-System Pharmacists Midyear Clinical Meeting. Dec 1997. Atlanta, GA.

### Research Grants Submitted

Co-Investigator (Co-I): *Spatial Analysis of Geographic Disparities in Asthma Treatment among Adult Asthmatics*. Deshpande, M (PI). American Association for Colleges of Pharmacy, New Investigator Award. \$10,000. Aug2015.

Co-I: *Assessing geographic disparities in asthma treatment among adult asthmatics: A GIS approach*. Deshpande, M (PI). Memorial Medical Foundation Grant. \$40,000. Feb2015.

### Research Grants Awarded

Principle Investigator (PI): *Development of a Device for Objective Assessment of Tinnitus in Humans*. OtoScience Labs, LLC. \$262,455. 16Dec2015 – 29Sep2016

### Research Experience

Sub-I: *Effect of Patient Centered Music Protocol on Burden and Quality of Life in Caregivers of Agitated Patients with Dementia*. Womack, C (PI). Aug2016 – present.

Site PI: *Development of a Device for Objective Assessment of Tinnitus in Humans*. Sponsor: OtoScience Labs. Dec2015 – present.

Co-I: *Interdisciplinary Stroke Simulation*. Douglas, B (PI). May2016 – present.

Co-I: *Spatial Analysis of Geographic Disparities in Asthma Treatment among Adult Asthmatics*. Deshpande, M (PI). Jan2015 – present.

Sub-Investigator (Sub-I): *Validation of the Gap Measure for Tinnitus in Humans*. Turner, J (PI). Mar2014 – present.

Clinical Monitor/Investigational Pharmacy Coordinator: *D-Methionine to Reduce Noise-Induced Hearing Loss (NIHL)*. DMRDP10120007. Campbell (PI). Aug2014 – present.

Data Safety Monitoring Committee Chair: *Phase I Study of MK-3475 in Combination with BCG for Patients with High Risk Superficial Bladder Cancer*. Alanee, S (PI). Jun2015 – present.

Data Safety and Monitoring Committee Member: *Myrbetriqtm (Mirabegron) to Reduce Pain Discomfort Following Ureteral Stent Placement*. El-Zawary, A (PI). May2015 – present.

Investigational Drug Pharmacist: for more than 40 industry sponsored clinical trials. May2009 – present.

### Local Presentations

May 11 <sup>th</sup> , 2016	<i>ClinicalTrials.gov: An Overview</i> . Springfield Committee for Research Involving Human Subjects. Springfield, IL
April 15 <sup>th</sup> , 2016	<i>Vascular Neurology (Stroke): Neuropharmacology, Novel Therapeutics, Interventions</i> . Neuroscience Course. SIU School of Medicine. Springfield, IL
March 24 <sup>th</sup> , 2016	<i>Health-System Medication Management and Distribution: Leadership Considerations</i> . SIU School of Pharmacy. Edwardsville, IL
Bi-Annually from 2015 to present	<i>Medication and Device Accountability</i> . Clinical Trials Training Course. SIU School of Medicine. Springfield, IL
Oct 21 <sup>st</sup> , 2015	<i>Responsible Conduct of Research: Human Subjects Research</i> . SIU School of Medicine. Springfield, IL
Oct 16 <sup>th</sup> , 2015	<i>Neuro-Oncology: Neuropharmacology, Novel Therapeutics, Interventions</i> . Neuroscience Course. SIU School of Medicine. Springfield, IL
May 1 <sup>st</sup> , 2015	<i>Aging Across the Curriculum Session on Falls and Functional Decline: Polypharmacy</i> . SIU School of Medicine. Springfield, IL
Apr 3 <sup>rd</sup> , 2015	<i>Alzheimer's Disease/Dementia: Neuropharmacology, Therapeutics, Interventions</i> . Neuroscience Course. SIU School of Medicine. Springfield, IL
Nov 14 <sup>th</sup> , 2014	<i>Parkinson's Disease/Movement Disorders: Neuropharmacology, Novel Therapeutics, Interventions</i> . Neuroscience Course. SIU School of Medicine. Springfield, IL
May 6 <sup>th</sup> & 22 <sup>nd</sup> , 2014	<i>New ACC/AHA Cholesterol Guidelines</i> . Prairie Heart Institute. Springfield, IL
Mar 25 <sup>th</sup> & Apr 3 <sup>rd</sup> , 2014	<i>ACE and ARBs: A Drug Class Review</i> . Prairie Heart Institute. Springfield, IL
Dec 12 <sup>th</sup> & 17 <sup>th</sup> , 2013	<i>Antiarrhythmics: A Drug Class Review</i> . Prairie Heart Institute. Springfield, IL
Nov 19 <sup>th</sup> & 21 <sup>st</sup> , 2013	<i>Beta-Blockers: A Drug Class Review</i> . Prairie Heart Institute. Springfield, IL
Yearly from 2011 to 2014	<i>Nutrition Support for Pharmacy Residents</i> . St. John's Hospital. Springfield, IL
Yearly from 2002 to 2006	<i>Nutrition Support for Pharmacists</i> . St. John's Hospital. Springfield, IL <i>Pediatric Nutrition Support</i> . St. John's Hospital. Springfield, IL <i>Nutrition Support for Medical Residents</i> . St. John's Hospital. Springfield, IL

**Professional Affiliations**

<i>Oct 2014 – Present</i>	American Academy of Neurology Member
<i>July 2014 – Present</i>	Public Responsibility in Medicine and Research (PRIM&R) Member
<i>October 1998 – October 2000, June 2010 – Present</i>	American Society of Health Systems Pharmacists (ASHP) Member
<i>April 2002 – June 2006, March 2012 – Feb 2014</i>	American Society for Parenteral and Enteral Nutrition Member
<i>August 1995 - May 1997</i>	Gateway College of Clinical Pharmacy (GCCP) Student Member
<i>August 1996 - May 1997</i>	American Society of Health Systems Pharmacists (ASHP) Student Member
<i>March 1993 – present</i>	Kappa Epsilon Alumni Newsletter ( <i>The Buzz</i> ) co-editor 1998 Alumni 1996 Disciplinary Officer 1995/96 Canoness 1994 Rush Chairman 1994 Active Member 1993-1996

**Awards**

<i>1996-1997</i>	Dean's List
<i>1991 - 1992</i>	Presidential Scholarship Community Service
<i>2013 to present</i>	Elks Club Member
<i>2011 to present</i>	Mission Outreach. Hospital Sisters Health Services
<i>2001 to 2006</i>	Bowl for Kids. Big Brothers and Big Sisters of Sangamon County.
<i>June 2002</i>	Heart Walk. American Heart Association.

**Hobbies/Special Interests**

Skiing, golfing, bowling, singing, playing piano, playing guitar, gardening and spending time with my family.

**References available upon request**

*(Revised 5/17)*