

Amber S. Fifer, B.S., Pharm.D., ACRP-CP

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

Education

Nov 2018 Academy of Clinical Research Professionals- Certified Professional
Sep 2000 Illinois State Pharmacist Licensure, License No. 051287933
May 1997 Doctor of Pharmacy
St. Louis College of Pharmacy
St. Louis, Missouri
Nov 1996 Missouri State Pharmacist Licensure, License No. 044553
May 1996 Bachelor of Science, Pharmacy St. Louis College of Pharmacy St. Louis, Missouri

Professional Experience

Oct 2017 – Present **Associate Director, Center for Clinical Research (CCR)**
Jun 2015 - Present **Director of Clinical Research, Dept. of Neurology**
Jul 2014 – Present **Research Assistant Professor**
SIU School of Medicine

Experience includes:

- Planning, coordination, administration and implementation of existing and emerging clinical research programs at SIU School of Medicine as well as collaborations with SIUe School of Pharmacy
- Oversight and management of clinical trial and operation resources
- Development of annual operating budgets and fiscal oversight
- Designing, establishing and maintaining organizational structure and staffing
- 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
- Serving as a member and Chair of the SIU Conflict of Interest Committee
- Development and implementation of the Human Subjects Protection Office's Education and Compliance Program
- Research program development, strategic planning, implementation and administration
- Participation in undergraduate and graduate medical education and pharmacy student teaching
- Participation in independent and collaborative research
- Submitting and obtaining research grants and publications
- Membership on departmental, medical school and university committees
- Manuscript review for professional journals

Jul 2014 – Sep 2016 **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

Jun 2011 – Aug 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 – Jul 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)

Apr 2002 – Jun 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.

Jun 2001 – Apr 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

Sep 2000 – May 2001

**Pharmacist
CVS RX Services
Belleville, IL**

Experience includes:

- Pharmacist in a large retail chain pharmacy
- Significant amount of patient counseling.

May 1997 – Sep 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.

Feb 1999 – Sep 2000

**Pharmacist
Corum Healthcare Services, Inc.
St. Louis, Missouri**
PRN pharmacist for a long term care facility.

Nov 1996 – Sep 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

Jul 2018 – Present

Chair, SIU School of Medicine Conflict of Interest Committee

Jul 2017 – Jun 2018

Member, SIU School of Medicine Conflict of Interest Committee

Jul 2014 – Present

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

<i>Jul 2014 – Present</i>	Board (IRB) Faculty Advisor Springfield Committee for Research Involving Human Subjects (SCRIHS) Institutional Review Board (IRB) Advisory Panel Member
<i>May 2009 – Present</i>	Springfield Committee for Research Involving Human Subjects (SCRIHS) Institutional Review Board (IRB) Member
<i>Jun 2011 – Aug 2012</i>	Pharmacy & Therapeutics (P&T) Committee Secretary
<i>Apr 2002 – Jun 2006</i>	Pharmacy & Therapeutics (P&T) Committee Member

Professional Training and Development

SIU School of Medicine Women in Medicine and Surgery Leadership Development Conference. Jun 8th, 2018. Memorial Center for Learning and Innovation, Springfield, IL.

Kelly Willenberg & Associates Clinical Trial Billing Compliance Boot Camp. July 24th – 26th, 2017. Chicago, IL.

American Neurological Association's 7th Annual Translational and Clinical Research Course for Clinician-Scientists. July 19th – 21st, 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 11th, 2011. ASHP 2011 Summer Meeting and Exhibition. Denver, CO

Academic Appointments

<i>Oct 2017 to Present</i>	Associate Director, Center for Clinical Research, Southern Illinois University School of Medicine
<i>Jun 2015 to Present</i>	Director, Clinical Research, Neurology
<i>Jul 2014 to Present</i>	Research Assistant Professor, Southern Illinois University School of Medicine
<i>Jul 2014 to Present</i>	Adjunct Assistant Professor, Southern Illinois University School of Pharmacy
<i>Jun 2012 to Present</i>	Adjunct Assistant Professor, Drake University College of Pharmacy and Health Sciences
<i>Jan 2012 to Jul 2014</i>	Preceptor, Purdue University College of Pharmacy
<i>Jun 2011 to Jul 2014</i>	Preceptor, University of Illinois College of Pharmacy
<i>Jun 2011 to Jul 2014</i>	Preceptor, Albany College of Pharmacy
<i>Jun 2011 to Jul 2014</i>	Preceptor, Creighton University School of Pharmacy
<i>May 2011 to Jul 2014</i>	Preceptor, Southern Illinois University School of Pharmacy
<i>Apr 2002 to Jul 2014</i>	Preceptor, Midwestern University Chicago College of Pharmacy
<i>Apr 2002 to Jul 2014</i>	Preceptor, Butler College of Pharmacy
<i>Apr 2002 to Jul 2014</i>	Adjunct Clinical Instructor, St Louis College of Pharmacy

Courses

<i>2015 to present</i>	<u>Preceptor</u> : PHEP 786 - Advanced Pharmacy Practice Experience – Research, Southern Illinois University School of Pharmacy
<i>2015 to present</i>	<u>Lecturer</u> : PHRM 540 – Responsible Conduct of Research Course, Southern Illinois University School of Medicine <u>Lecture</u> : Human Subjects Research
<i>2015 to present</i>	<u>Lecturer</u> : PHAS 755 - Management Course, Southern Illinois University School of Pharmacy <u>Lecture</u> : Health-System Medication Management and Distribution: Leadership Considerations
<i>2015 to present</i>	<u>Lecturer</u> : Clinical Trials Training Course, Southern Illinois University School of Medicine <u>Lecture</u> : Medication and Device Accountability
<i>2014 to present</i>	<u>Lecturer</u> : Neuroscience Course, Southern Illinois University School of Medicine <u>Lectures</u> : Sleep Disorders: Neuropharmacology, Novel Therapeutics and Interventions

NeuroImmune Disorders: Neuropharmacology, Novel Therapeutics and Interventions
 NeuroPsychiatric Disorders: Neuropharmacology, Novel Therapeutics and Interventions
 Vascular Neurology (Stroke): Neuropharmacology, Novel Therapeutics, Interventions
 Alzheimer's Disease/Dementia: Neuropharmacology, Therapeutics and Interventions
 Neuro-Oncology: Neuropharmacology, Novel Therapeutics and Interventions
 Parkinson's Disease/Movement Disorders: Neuropharmacology, Novel Therapeutics and Interventions

2011 to 2012 Preceptor: PHEP 781 Advanced Pharmacy Practice Experience – Hospital Pharmacy, Southern Illinois University School of Pharmacy

2002 to 2006 Preceptor: APPE 7600 Advanced Pharmacy Practice Experience: Nutrition Support, 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 (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 46th 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 32nd American Society of Health-System Pharmacists Midyear Clinical Meeting. Dec 1997. Atlanta, GA.

Research Grants

Funded

Principle Investigator (PI): Development of a Device for Objective Assessment of Tinnitus in Humans. OtoScience Labs, LLC. \$262,455. 16 Dec2015 – 29 Sep2018.

Not funded

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. Aug 2015.

Co-I: Assessing geographic disparities in asthma treatment among adult asthmatics: A GIS approach. Deshpande, M (PI). Memorial Medical Foundation Grant. \$40,000. Feb 2015.

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). Aug 2016 – present.

Site PI: Development of a Device for Objective Assessment of Tinnitus in Humans. Sponsor: OtoScience Labs. Dec 2015 – present.

Co-I: Spatial Analysis of Geographic Disparities in Asthma Treatment among Adult Asthmatics. Deshpande, M (PI). Jan 2015 – present.

Sub-Investigator (Sub-I): Validation of the Gap Measure for Tinnitus in Humans. Turner, J (PI). Mar 2014 – present.

Clinical Monitor/Investigational Pharmacy Coordinator: D-Methionine to Reduce Noise-Induced Hearing Loss (NIHL). DMRDP10120007. Campbell (PI). Aug 2014 – May 2016.

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). Jun 2015 – present.

Data Safety and Monitoring Committee Member: Myrbetriqtm (Mirabegron) to Reduce Pain Discomfort Following Ureteral Stent Placement. El-Zawary, A (PI). May 2015 – present.

Investigational Drug Pharmacist: for more than 40 industry sponsored clinical trials. May 2009 – present

Regulatory Support Personnel: for more than 30 clinical trials. Jul 2014 - present

Publications

In progress

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. *Dementia: the international journal of social research and practice*.

In press

Deshpande M, Zahnd W, Bandy L, Lorenson J, Fifer A. Spatial analysis of disparities in asthma treatment among adult asthmatics. *Research in Social and Administrative Pharmacy*. <https://doi.org/10.1016/j.sapharm.2018.09.020>.

Local Presentations

<i>Apr 2018</i>	Clinical Research and the Role of the IRB. Internal Medicine. SIU School of Medicine. Springfield, IL
<i>Apr 2017</i>	QI vs Research. Internal Medicine. SIU School of Medicine. Springfield, IL
<i>Jan 2017</i>	ClinicalTrials.gov for Coordinators. Clinical Research Coordinators Network. SIU School of Medicine. Springfield, IL.
<i>Nov 2016</i>	Navigating the IRB Review Process. Clinical Research Coordinators Network. SIU School of Medicine. Springfield, IL
<i>May 2016</i>	ClinicalTrials.gov: An Overview. Springfield Committee for Research Involving Human Subjects. Springfield, IL
<i>May 2015</i>	Aging Across the Curriculum Session on Falls and Functional Decline: Polypharmacy. SIU School of Medicine. Springfield, IL
<i>May 2014</i>	New ACC/AHA Cholesterol Guidelines. Prairie Heart Institute. Springfield, IL
<i>Mar 2014</i>	ACE and ARBs: A Drug Class Review. Prairie Heart Institute. Springfield, IL
<i>Dec 2013</i>	Antiarrhythmics: A Drug Class Review. Prairie Heart Institute. Springfield, IL
<i>Nov 2013</i>	Beta-Blockers: A Drug Class Review. Prairie Heart Institute. Springfield, IL
<i>Yearly from 2011 to 2014</i>	Nutrition Support for Pharmacy Residents. St. John's Hospital. Springfield, IL
<i>Yearly from 2002 to 2006</i>	Nutrition Support for Pharmacists. St. John's Hospital. Springfield, IL Pediatric Nutrition Support. St. John's Hospital. Springfield, IL Nutrition Support for Medical Residents. St. John's Hospital. Springfield, IL

Professional Affiliations

<i>Jan 2018 – Present</i>	Association of Clinical Research Professionals Member
<i>Oct 2014 – Present</i>	American Academy of Neurology Member
<i>Oct 1998 – Present</i>	American Society of Health Systems Pharmacists (ASHP) Member

July 2014 – Dec 2017 Public Responsibility in Medicine and Research (PRIM&R)
Member

Apr 2002 – Feb 2014 American Society for Parenteral and Enteral Nutrition
Member

Aug 1995 - May 1997 Gateway College of Clinical Pharmacy (GCCP)
Student Member

Aug 1996 - May 1997 American Society of Health Systems Pharmacists (ASHP)
Student Member

March 1993 – present Kappa Epsilon
Alumni Newsletter (The Buzz) co-editor 1998
Alumni 1996
Disciplinary Officer 1995/96
Canoness 1994
Rush Chairman 1994
Active Member 1993-1996

Awards

1996-1997 Dean's List
1991 - 1992 Presidential Scholarship

Community Service

2013 to present Elks Club Member
2011 to 2014 Mission Outreach. Hospital Sisters Health Services
2001 to 2006 Bowl for Kids. Big Brothers and Big Sisters of Sangamon County.
June 2002 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 12/18)