

Amelia K. Sofjan, PharmD, BCPS

University of Houston College of Pharmacy
Department of Pharmacy Practice and Translational Research
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CURRENT APPOINTMENTS

- Co-director** 2015 –
University of Houston College of Pharmacy (UHCOP)/Cardinal Health
PGY2 Infectious Diseases Pharmacotherapy Residency, Houston, TX
- Clinical Assistant Professor** 2014 –
University of Houston College of Pharmacy, Houston, TX
Department of Pharmacy Practice and Translational Research
- Infectious Diseases Clinical Pharmacy Specialist** 2014 –
CHI Baylor St. Luke's Medical Center, Houston, TX

EDUCATION & TRAINING

- Pharmacotherapy Resident** 2012 – 2014
ASHP Accredited PGY1 and PGY2 Pharmacotherapy Residency
Barnes-Jewish Hospital, St. Louis, MO
- Doctor of Pharmacy** 2008 – 2012
Salutatorian
The University of Texas at Austin College of Pharmacy, Austin, TX, and
The University of Texas Health Science Center at San Antonio, San Antonio, TX

OTHER PHARMACY PRACTICE EXPERIENCE

- Pharmacy exchange student (6-months)** 2010
Universitat de Barcelona, Barcelona, Spain
- Student Pharmacist Clinical Intern** 2009
St. Joseph Medical Center (CompleteRx), Houston, TX
- Certified Pharmacy Technician** 2007 – 2008
Northwest Hills Pharmacy and Florist, Austin, TX

CERTIFICATIONS & LICENSES

- Board Certified Pharmacotherapy Specialist #893457, Board of Pharmaceutical Specialties 2015 –
Pharmacist Preceptor #51552, Texas State Board of Pharmacy 2015 –
Registered Pharmacist #51552, Texas State Board of Pharmacy 2012 –
Teaching and Learning Certificate Program, American College of Clinical Pharmacy 2017
Resident Education Academy Teaching Certificate, St. Louis College of Pharmacy, St. Louis, MO 2013

Immunization Provider, American Pharmacists Association 2011

HONORS & AWARDS

Rapid Diagnostics and Point of Care Testing to Enhance Prudent Antimicrobial Use and Patient Outcomes Research Award, Society of Infectious Diseases Pharmacists/Alere 2016

New Investigator Award (NIA), American Association of Colleges of Pharmacy 2016

New Faculty Research Award, University of Houston 2016

Best Poster (Second Place), Internal Medicine Scholars Symposium
Washington University in St. Louis School of Medicine, St. Louis, MO 2015
“Online interactive case-based antibiotic education for internal medicine residents”

Poster of Distinction, World Transplant Congress, San Francisco, CA 2014
“Evaluation of enoxaparin dosing as a risk factor for bleeding in lung transplant recipients”

Winning Abstract, Louis C. Littlefield Annual Pharmacy Research Excellence Day 2012
The University of Texas at Austin College of Pharmacy, Austin, TX
“Interprofessional study on self-advocacy, autonomy, and health literacy in young adults with Asperger’s Syndrome: implications for pharmacists”

Distinguished College Scholar 2011

The Baptist Health Foundation of San Antonio Scholarship 2011

James T. and Phyllis Doluisio Endowed Presidential Scholarship 2011

Judith J. Saklad, PharmD Endowed Presidential Scholarship in Pharmacy 2010

TEACHING EXPERIENCE

Didactic (University of Houston College of Pharmacy)

Advanced Therapeutics I course co-coordinator (5 credit hours, Fall) 2016 –

Advanced Therapeutics II course co-coordinator (5 credit hours, Spring) 2016 –

Lecturer for Advanced Therapeutics I Infectious Diseases module (3 hours, Fall) 2014 –

Lecturer for Infectious Diseases summer elective (4 hours, Summer)

Facilitator for Therapeutics Skills lab (2 hours/week in Fall and Spring) 2014 –

Experiential training (CHI Baylor St. Luke’s Medical Center, Infectious Diseases)

Pharmacy student preceptor (8 students [6 months]/year) 2015 –

PGY1 and PGY2 pharmacy resident preceptor (6 months/year) 2014 –

Mentorship (University of Houston College of Pharmacy)

PhD students mentored on research projects (dissertation committee member)

Henrietta Abodakpi, PharmD, UHCOP 2017 –

Residents mentored on research projects

Benjamin Casey, PharmD, UHCOP/Cardinal Health PGY2 Infectious Diseases Resident 2016 – 2017

Rachel Musgrove, PharmD, UHCOP/Cardinal Health PGY2 Infectious Diseases Resident 2015 – 2016

Jennifer Addo, PharmD, CHI Baylor St. Luke’s Medical Center PGY1 Resident 2015 – 2016

PharmD students mentored on research projects

Tien Nguyen Summer 2016
Boxin Xu 2015 – 2016
Pei Lin 2015 – 2016

Previous UHCOP/Cardinal Health PGY2 Infectious Diseases Pharmacotherapy Residents

Benjamin Casey, PharmD 2016 – 2017
Position: Infectious Diseases/Stewardship Pharmacist, TriStar Centennial Hospital, Nashville, TN

Rachel Musgrove, PharmD 2015 – 2016
Position: Infectious Diseases Clinical Pharmacy Specialist, St. Joseph/Candler, Savannah, GA

Fay Chan, PharmD 2014 – 2015
Position: Infectious Diseases Pharmacist, Plaza Medical Center, Fort Worth, TX

Academic Assistant for Pharmacotherapeutics II (Infectious Disease) 2011
The University of Texas at Austin College of Pharmacy, Austin, TX

Academic Assistant for Professional Convocation Development 2009 – 2010
The University of Texas at Austin College of Pharmacy, Austin, TX

INVESTIGATOR INITIATED RESEARCH GRANTS

Year	Project title Funding source	Amount	Role	Type
2016	Prevalence and Mechanisms of Beta-lactam Resistance in <i>Klebsiella Pneumoniae</i> Allergan	\$47,191	co-I	For-profit
2016	Defining the Unmet Medical Need of Novel Echinocandins: a Real-World Study Cidara Therapeutics	\$72,794	co-I	For-profit
2016	Incidence and Characteristics of Clostridium difficile Infection in Bangladesh Society of Infectious Diseases Pharmacists/Alere	\$10,000	PI	Foundation, For-profit
2015	Changing Epidemiology in Spontaneous Bacterial Peritonitis American Association of Colleges of Pharmacy University of Houston	\$10,000 \$4,200	PI PI	Foundation State
2015	Incidence, Risk Factors, and Outcomes of <i>Clostridium difficile</i> Infection in Patients with Cirrhosis Merck	\$87,164	co-I	For-profit
2015	Accelerate PhenoTest™ BC Kit vs. Conventional Methods for Gram-positive Bacteremia: Implications for Antimicrobial Stewardship Accelerate Diagnostics	\$60,787	co-I	For-profit

PUBLICATIONS

Underline indicates corresponding author

1. Addo Smith JN, Yau R, Russo HP, Putney K, Restrepo A, Garey KW, **Sofjan AK**. Bacteremia in patients with liver cirrhosis: prevalence and predictors of multidrug resistant organisms. *J Clin Gastroenterol*. 2017 Nov 23. doi: 10.1097/MCG.0000000000000964. [Epub ahead of print].
2. Abodakpi H, Chang KT, Sánchez Díaz AM, Cantón R, Lasco TM, Chan K, **Sofjan AK**, Tam VH. Prevalence of extended-spectrum beta-lactamase and carbapenemase-producing bloodstream isolates of *Klebsiella pneumoniae* in a tertiary care hospital. *J Chemother*. 2017 Nov 10:1-5. doi: 10.1080/1120009X.2017.1399233. [Epub ahead of print]
3. Fong G, Skoglund EW, Phe K, Guastadisegni J, Shea KM, McDanel PM, Perez KK, **Sofjan AK**. Significant publications on infectious disease pharmacotherapy in 2016. *J Pharm Pract*. 2017. Jan 1:897190017727212. doi: 10.1177/0897190017727212. [Epub ahead of print]
4. Babic JT, **Sofjan A**, Babin M, Echevarria K, Ikwuagwu JO, Lam WM, Aitken SL, Perez KK. Significant publications on infectious disease pharmacotherapy in 2015. *Am J Health Syst Pharm*. 2017;74(4):238-52. doi: 10.2146/ajhp160090. [Epub ahead of print]
5. **Sofjan AK**, Iuppa JA, Bain KB, Deal EN, Witt CA, Hachem RR, Yusen RD. Evaluation of enoxaparin dosing as a risk factor for bleeding in lung transplant recipients. *Ann Pharmacother*. 2016;50(10):824-31. doi: 10.1177/1060028016656434. [Epub ahead of print]
6. **Sofjan AK**, Musgrove RJ, Garey KW. Impact of new diagnostic approaches for invasive candidiasis on antifungal stewardship. *Curr Fungal Infect Rep*. 2016;10:68-77. doi: 10.1007/s12281-016-0257-2. [Epub ahead of print]

ABSTRACTS

1. **Sofjan AK**, Musgrove RJ, Beyda ND, Russo HP, Lasco TM, Yau R, Restrepo A, Garey KW. Changing epidemiology in cirrhotic patients with spontaneous bacterial peritonitis. American Association Colleges of Pharmacy 2017 Annual Meeting, Nashville, TN, July 2017.
2. Dotson KM, **Sofjan A**, Shah DN, Garey KW. Risk factors and outcomes of *Clostridium difficile* infection in patients with chronic liver disease. ASM Microbe 2017, New Orleans, LA, June 2017.
3. **Sofjan AK**, Casey BO, Xu BA, Amadio J, Restrepo A, Alam MJ, Garey KW. Accelerate PhenoTest™ BC kit vs. conventional methods for identification and antimicrobial susceptibility testing of gram-positive bloodstream isolates: implications for antimicrobial stewardship. ASM Microbe 2017, New Orleans, LA, June 2017.
4. **Sofjan AK**, Mitchell A, Shah DN, Nguyen T, Sim MH, Trojcek A, Beyda ND, Garey KW. Real-world use of echinocandins in an era of increasing antifungal resistance. ASM Microbe 2017, New Orleans, LA, June 2017.
5. Abodakpi H, Chang K-T, Sánchez-Díaz AM, Cantón R, Lasco TM, Chan K, **Sofjan AK**, Tam VH. Prevalence of Extended-Spectrum β -Lactamase and Carbapenemase-producing bloodstream isolates of *Klebsiella pneumoniae* in a tertiary care hospital. ASM Microbe 2017, New Orleans, LA, June 2017.
6. El Haddad HE, Hemmige VS, **Sofjan AK**, Lasco TM, Restrepo A. Strongyloides infection in solid organ transplant recipients: a single center experience and review of the literature. American Transplant Congress, Chicago, IL, April 2017.
7. **Sofjan AK**, Musgrove RJ, Lin PJ, Beyda ND, Russo HP, Lasco TM, Yau R, Restrepo A, Garey KW. Prevalence and impact of ceftriaxone-resistant pathogens on mortality in spontaneous bacterial peritonitis. IDWeek 2016, New Orleans, LA, October 2016.
8. Addo JN, Russo HP, Putney K, Yau R, Restrepo A, Garey KW, **Sofjan AK**. Bloodstream infections in patients with cirrhosis: etiologic agents, risk factors for multidrug resistant organisms, and patient outcomes. 50th ASHP Midyear Meeting, New Orleans, LA, December 2015.

9. **Sofjan AK**, Zickuhr L, Kirmani N, Burnham CAD, Czernikiewicz M, Ritchie DJ. Online interactive case-based antibiotic education for internal medicine residents. 54th ICAAC, Washington, DC, September 2014. (Poster Walk presentation)
10. **Sofjan AK**, Iuppa JA, Bain KK, Deal EN, Witt CA, Hachem RR, Yusen RR. Evaluation of standard enoxaparin dosing as a risk factor for bleeding in lung transplant recipients. World Transplant Congress, San Francisco, CA, July 2014.
11. **Sofjan AK**, Sergeant D, Young V, Nguyen C. Interprofessional study on self-advocacy, autonomy, and health literacy in young adults with Asperger's Syndrome: implications for pharmacists. 50th ASHP Midyear Meeting, New Orleans, LA, December 2011.

SELECTED PRESENTATIONS

National presentations

- | | |
|---|------|
| Excavating for scholarship and AACP New Investigator Award (NIA)
Presenters: Kristin Klein, PharmD, BCPPS, FPPAG & Amelia Sofjan, PharmD, BCPS
1-hour American Association of Colleges of Pharmacy webinar for pharmacy faculty | 2017 |
| Implementing global/international pharmacy education through experiential pharmacy education: starting from scratch and best practices – a panel discussion
1-hour American Association of Colleges of Pharmacy webinar for pharmacy faculty | 2016 |

City/statewide presentations

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| Effectively utilizing students in clinical research
Invited 1-hour CE for pharmacists, TSHP Annual Meeting, Frisco, TX | 2016 |
| Antimicrobial prescribing in the community: who, what, when, why?
Invited 1-hour CE for advanced nurse practitioners, UT Houston School of Nursing, Houston, TX | 2015 |
| Cytomegalovirus in solid organ transplant: what to do when ganciclovir alone is not enough?
1-hour CE presentation for pharmacists, St. Louis College of Pharmacy, St. Louis, MO | 2013 |
| PPIs vs H2RAs for stress ulcer prophylaxis in the critically ill: what is the optimal choice?
1-hr CE presentation for pharmacists, St. Louis College of Pharmacy, St. Louis, MO | 2012 |

Institutional presentations

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|---|--------|
| Infectious diseases 101
Invited 2-hour annual lecture for family medicine physicians, Methodist Hospital, Houston, TX | 2015 – |
| Pray hard, play hard, work hard
Invited 1-hour guest lecture for CPFI student members, University of Houston, Houston, TX | 2016 |
| Living out your faith as a pharmacy professional
Invited 1-hour guest lecture for CPFI student members, University of Houston, Houston, TX | 2015 |
| Daptomycin dosing in obese and morbidly obese patients: is it time for a change?
1-hour formal presentation for pharmacists, Barnes-Jewish Hospital, St. Louis, MO | 2014 |
| Dolutegravir vs. raltegravir in treatment-experienced, integrase-inhibitor-naïve adults with HIV
1-hour formal presentation for pharmacists, Barnes-Jewish Hospital, St. Louis, MO | 2014 |

Importance of combination therapy in bacteremia caused by KPC-producing <i>K.pneumoniae</i> 1-hour formal presentation for pharmacists, Barnes-Jewish Hospital, St. Louis, MO	2013
Pyogenic liver abscess 1-hour formal presentation for pharmacists, Barnes-Jewish Hospital, St. Louis, MO	2012
Healthcare in the United States 1-hour lecture for pharmacy faculty and graduate students, Universitat de Barcelona, Barcelona, Spain	2010
Pharmacy education in the United States (in Spanish) 1-hour lecture for pharmacy faculty and students, Universitat de Barcelona, Barcelona, Spain	2010

PROFESSIONAL AFFILIATIONS

Phi Lambda Sigma Pharmacy Leadership Society (Honorary member)	2017 –
American College of Clinical Pharmacy (Full member) Member, Infectious Diseases PRN Newsletter Subcommittee (2016 – present) CV Reviewer (2015 – present)	2013 –
Society of Infectious Disease Pharmacists Member, SIDP Meeting Program Subcommittee (2015 – present)	2013 –
American Society of Health-System Pharmacists	2015 – 2017
American Association of Colleges of Pharmacy Member, Global Pharmacy Education Special Interest Group (2015 – present)	2014 – 2016

SERVICE (UNIVERSITY OF HOUSTON COLLEGE OF PHARMACY)

Committees

Board of Ethical and Professional Conduct, senior faculty member	2017 –
Infectious diseases I module coordinator	2017 –
Respiratory module coordinator	2016 –
Board of Ethical and Professional Conduct, junior faculty member	2015 – 2017
Postgraduate Training Advisory Committee, member	2014 –
ACPE Self-study Committee, standards 5-9, member	2015 – 2017
Mental Health Faculty Search Committee, member	2016
Turnitin Curriculum Subcommittee, member	2015
Faculty Excellence Award Committee, member	2015

Faculty advisor

Student College of Clinical Pharmacy (SCCP)	2015 –
Christian Pharmacists Fellowship International (CPFI)	2015 –
<i>The Script</i> (monthly student newsletter)	2015 –

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