

Aryana Sepassi, PharmD

BIOGRAPHICAL INFORMATION

Assistant Professor of Clinical Pharmacy Practice
University of California, Irvine School of Pharmacy & Pharmaceutical Sciences
Berk Hall, Room 120D
Irvine, CA, 92617
669.248.9909
asepassi@hs.uci.edu

Born: Silver Spring, MD. Citizenship: US

EDUCATION

2019-Present	MAS (Master of Advanced Study), Clinical Research University of California San Diego <i>Thesis Committee:</i> Raphael Cuomo, PhD (chair), Jonathan H. Watanabe PharmD, PhD, MS (co-chair), Mark Bounthavong PharmD, PhD <u>Anticipated Matriculation:</u> Spring 2022
2016	PharmD, University of California San Diego, Skaggs School of Pharmacy & Pharmaceutical Sciences
2012	BS, Neuroscience & Physiology, University of California San Diego

POST GRADUATE TRAINING

2016-2018	University of California San Diego, Skaggs School of Pharmacy & Pharmaceutical Sciences & Millennium Health: Post-Doctoral Fellowship in Health Economics & Outcomes Research in Pharmacogenomics <i>Supervisory Committee:</i> Jan D. Hirsch, PhD, BS Pharm (committee chair), Jonathan H. Watanabe, PharmD, PhD, MS, Rabiya Atayee, PharmD, BCPS, APh, Brookie Best, PharmD, MAS, Charles Daniels, BS Pharm, PhD, Rami Ben-Joseph, PhD
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FACULTY POSITIONS HELD

2021-Present	Assistant Professor of Clinical Pharmacy Practice University of California, Irvine School of Pharmacy and Pharmaceutical Sciences
2018-Present	Affiliate Professor University of California San Diego, Skaggs School of Pharmacy and Pharmaceutical Sciences Course Chair: Managed Care Pharmacy Elective

EMPLOYMENT HISTORY

Aryana Sepassi, PharmD

2018-2021	Manager, Health Economics & Outcomes Research Becton, Dickinson, & Company (San Diego, CA)
2018-Present	Consultant, Pharmacoeconomic Modelling, UC San Diego Health System (San Diego, CA)
2015-2016	Research Associate, Calcutt Lab, UC San Diego School of Medicine

PHARMACIST POSITIONS

2018	Community Pharmacist, CVS (North County San Diego Area, CA)
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LICENSURES

2018-Present	California Board of Pharmacy, Registered Pharmacist #75898, Expiration: Nov 2022
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OTHER CERTIFICATIONS

2018-Present	Pharmacy-Based Immunization Delivery Certification, American Pharmacists Association (APhA)
2018-Present	Basic Life Support (BLS) Certified CPR, American Heart Association (AHR)

PROFESSIONAL ORGANIZATIONS

2022	American Association of Colleges of Pharmacy, Active Member
2021-Present	California Society of Health System Pharmacists, Alternate Delegate
2021-Present	American College of Clinical Pharmacy, Active Member
2019-Present	Academy of Managed Care Pharmacy, Active Member
2019-Present	International Society for Pharmacoeconomics and Outcomes Research, Standard
2018-Present	American Society of Health-System Pharmacists, Active Full Member
2016-2018	Academy of Managed Care Pharmacy, Fellow Student Member
2016-2018	International Society for Pharmacoeconomics and Outcomes Research, New Professional

EDUCATIONAL ACTIVITIES

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Courses

2020-Present	<u>Course Chair</u> , SPPS 264A: Managed Care Pharmacy I Elective, University of California San Diego, Skaggs School of Pharmacy and Pharmaceutical Sciences
2020-Present	<u>Course Chair</u> , SPPS 264B: Managed Care Pharmacy II Elective, University of California San Diego, Skaggs School of Pharmacy and Pharmaceutical Sciences
2020	<u>Lecturer</u> , "So, you want to do a literature review....: A guide on how to navigate the world of published research" Managed Care Pharmacy Elective, University of California San Diego, Skaggs School of Pharmacy and Pharmaceutical Sciences
2020	<u>Lecturer</u> , "Antibiotic Stewardship and BD: Industry Insights into Health Policy" Health Policy Course, University of California San Diego, Skaggs School of Pharmacy and Pharmaceutical Sciences
2019	<u>Lecturer</u> , "Insurance Reimbursement & The Curious Case of Pharmacogenomic Testing" Health Policy Course, University of California San Diego, Skaggs School of Pharmacy and Pharmaceutical Sciences
2019	<u>Lecturer</u> , "UCSD Health System & Pharmacoeconomics: The Cost-Effectiveness of Retracrit" Pharmacoeconomics Course, University of California San Diego, Skaggs School of Pharmacy and Pharmaceutical Sciences
2018	<u>Lecturer</u> , "Budget Impact Modelling & Pharmacogenomics" Pharmacoeconomics Course, University of California San Diego, Skaggs School of Pharmacy and Pharmaceutical Sciences
2017	<u>Lecturer</u> , "Intro to Budget Impact Modelling" Managed Care Pharmacy I Elective, University of California San Diego, Skaggs School of Pharmacy and Pharmaceutical Sciences

Exam & Student Group Precepting

2020-Present	<u>Exam Preceptor</u> , SPPS 213C: Advanced Professional Practice I, University of California San Diego, School of Pharmacy and Pharmaceutical Sciences
2020-Present	<u>Exam Preceptor</u> , SPPS 213A: Advanced Professional Practice I, University of California San Diego, School of Pharmacy and Pharmaceutical Sciences

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2020-Present Student Group Facilitator, Biostatistics 1 Journal Club, University of California San Diego, School of Pharmacy and Pharmaceutical Sciences

2020-Present Student Group Facilitator, Biostatistics 2 Journal Club, University of California San Diego, School of Pharmacy and Pharmaceutical Sciences

Trainee Supervisory

2022 Rotation Preceptor, Health Economics & Outcomes Research at University of California, Irvine School of Pharmacy & Pharmaceutical Sciences

- Trainee: Eric He, Current Position: 4th Year Pharmacy Student

2021-Present Research Supervisor, UC Irvine School of Pharmacy and Pharmaceutical Sciences

- Trainee: Lijie Chen, 4th Year Undergraduate Pharmaceutical Sciences Student
- Trainee: Jennifer Thulien Nguyen, 4th Year Undergraduate Pharmaceutical Sciences Student
- Trainee: Mary Thuy Nguyen, 4th Year Undergraduate Pharmaceutical Sciences Student

2021 Rotation Preceptor, Health Economics & Outcomes Research at BD, for University of California San Diego, School of Pharmacy and Pharmaceutical Sciences, Keck Graduate Institute

- Trainee: Carolyn Saba, Current Position: Post-Doctoral Fellow, Jefferson College of Health Sciences

2020 Rotation Preceptor, Health Economics & Outcomes Research at BD, for Keck Graduate Institute

- Trainee: Colin Lim, Current Position: 4th Year Pharmacy Student
- Trainee: Richard Cale, Current Position: Post-doctoral Fellow, Becton Dickinson

2019 Rotation Preceptor, Health Economics & Outcomes Research at BD, for Keck Graduate Institute

- Trainee: Neda Kermani, Current Position: Regulatory Affairs Associate, Gilead Sciences

Other Student Pharmacist Trainees

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2020-Present Trainee: Kelly Chan, Current Position: Post-Graduate Doctoral Fellow, Gilead

Other Trainee Activities

2020-Present AMCP Pharmacy & Therapeutics Competition Advisor, University of San Diego California, Skaggs School of Pharmacy and Pharmaceutical Sciences

2021 Faculty supervisor, Immunization Training Course – University of California, Irvine, School of Pharmacy & Pharmaceutical Sciences

2019 AMCP Pharmacy & Therapeutics Competition National Semi-Final Judge

2019 AMCP Pharmacy & Therapeutics Competition Local Judge, University of San Diego California, Skaggs School of Pharmacy and Pharmaceutical Sciences

2018 AMCP Pharmacy & Therapeutics Competition Local Judge, University of San Diego California, Skaggs School of Pharmacy and Pharmaceutical Sciences

EDITORIAL RESPONSABILITIES

2021-Present Reviewer, Journal of Managed Care Pharmacy

2020-Present Reviewer, Annals of Pharmacotherapy

2019 Reviewer, American Journal of Health-System Pharmacy

INVITED PRESENTATIONS

2022 American Association of College of Pharmacy (AACP): Nationwide Disparities in Health Literacy Proficiency Among Immigrant and US-Born Racial-Ethnic Minority Groups: A Work in Progress

2022 UCSD MAS Student Symposium, selected thesis project presentation: Cost-effectiveness of letermovir for cytomegalovirus prophylaxis in high-risk hematopoietic stem cell transplant patients.

2021 Journal Club Presentation: “Statistics History Month: Battle of the Brains: Pearson v. Fisher”

OTHER SERVICE ACTIVITIES

2021-Present Reviewer & Interviewer – Applicants and Prospective students for the University of California, Irvine School of Pharmacy & Pharmaceutical Sciences

Aryana Sepassi, PharmD

2021-Present	Member, Education Committee: University of California, Irvine School of Pharmacy & Pharmaceutical Sciences
2021-Present	Member, Volunteer Faculty Committee: University of California, Irvine School of Pharmacy & Pharmaceutical Sciences

BIBLIOGRAPHY

Publications in Peer-Reviewed Journals

1. Chan K, **Sepassi A**, Saunders IM, Goodman A, Watanabe JH. Effects of financial toxicity on prescription drug use and mental well-being in cancer patients. *Exploratory Research in Clinical and Social Pharmacy*. 2022; doi.org/10.1016/j.rcsop.2022.100136
2. **Feature Article: Sepassi A**, Bounthavong M, Singh RF, Heyman M, Beizai K, Watanabe JH. Risk of Negative Health Outcomes and High Costs for People with Diabetes and Unmet Psychological Needs in the United States. *Diabetes Spectrum*. Ds210019.
3. Bounthavong M, Suh K, Spoutz P, Stottlemeyer B, **Sepassi A**. Trends in Healthcare Expenditure and Resource Utilization Among A Nationally Representative Population of Narcotic Users in the United States, 2008 to 2017. *Subst Abuse Treat Prev Policy*. 2021;16(80): doi:10.1186/s13011-021-00415-5

Role: Statistical analysis plan – propensity score matching procedures & interpretation of results
4. **Sepassi A**, Bounthavong M, Singh RF, Heyman M, Beizai K, Watanabe JH. Risk of Negative Health Outcomes and High Costs for People with Diabetes and Psychological Distress in the United States. *Diabetes Spectrum, Accepted for Publication* [original work]
5. Chan K, **Sepassi A**, Saunders IM, Goodman A, Watanabe JH. Effects of financial toxicity on prescription drug use and mental well-being in cancer patients. *JAPhA, In Review* [original work]

Role: Study design, statistical analysis plan, and interpretation of results
6. Puzniak L, Finelli L, Yu K, Bauer K, Moise P, De Anda C, Vankeepuram L, **Sepassi A**, Gupta V. A multicenter analysis of the clinical microbiology and antimicrobial usage in hospitalized patients in the US with or without COVID-19. *BMC Infect Dis*. 2021;21(1):227.

Role: Developed statistical analysis plan, executed data analysis, reported results to team
7. **Sepassi A**, Watanabe JH. Emergency Department Visits for Psychotropic-Related Adverse Drug Events in Older Adults with Alzheimer’s Disease, 2013-2014. *Ann Pharmacother*. 2019;53(12):1173-1183 [original work]

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8. **Sepassi A**, Chingcuanco F, Gordon R, Meier A, Divino V, DeKoven M, Ben-Joseph R. Resource utilization and charges of patients with and without diagnosed venous thromboembolism during primary hospitalization and after elective inpatient surgery: a retrospective study. *J Med Econ.* 2018;21(6):595-602 [original work]

Manuscripts in Progress

9. **Sepassi A**, Saunders I, Bounthavong M, Watanabe JH. Cost-effectiveness of Letermovir for the use of Cytomegalovirus Prophylaxis in High-Risk Hematopoietic Stem-Cell Transplant Patients. [In development]
10. **Sepassi A**, Saunders I, Bounthavong M, Taplitz R, Logan C, Watanabe JH. Real-world effectiveness of letermovir for cytomegalovirus prophylaxis in high-risk hematopoietic stem-cell transplant patients: a global systematic literature review. [In development].

Abstracts & Conference Poster Presentations

1. **Sepassi A**, Saunders IM, Bounthavong M, Taplitz RA, Logan C, Watanabe JH. Effectiveness of Letermovir Prophylaxis Against Cytomegalovirus in Seropositive Allogeneic Hematopoietic Stem Cell Transplant Recipients: A Global Review. Accepted At: International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, 2022; Washington DC.
2. **Sepassi A**, Saunders I, Bounthavong M, Watanabe JH. Cost-Effectiveness of Letermovir for Cytomegalovirus Prophylaxis in Seropositive Allogeneic Hematopoietic Stem Cell Transplant Patients in the United States. Presented at: Academic of Managed Care Pharmacy Annual Meeting, 2022; Chicago, IL.
3. Bounthavong M, Suh K, Spoutz P, Stottlemeyer B, **Sepassi A**. Trends in Healthcare Expenditure and Resource Utilization Among A Nationally Representative Population of Narcotic Users in the United States, 2008 to 2017. Presented at: International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, 2021; Virtual
4. Gresler C, Dumitru D, **Sepassi A**. Impact of a pharmacy inventory analytics tool on labor and medication availability. Presented at: American Society of Health-System Pharmacists (ASHP) Midyear Meeting; 2020 December 6-10; Virtual
5. **Sepassi A**, Ringwala S. Cost-effectiveness of continuous capnography monitoring with PCA pause functionality in the US acute care setting. Presented at: American Society of Health-System Pharmacists (ASHP) Summer Meeting; June 8-12; Boston, MA
6. **Sepassi A**, Callahan P. Economic drug shortage management burden as modelled for an acute-care hospital system. Presented at: International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting; May 8-12; New Orleans, LA
7. **Sepassi A**, Callahan P. Medication inventory and management efficiencies modelled with a health-system's affiliated outpatient clinics. Presented at: International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting; May 8-12; New Orleans, LA

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8. Ringwala S, **Sepassi A**, Callahan P. A framework for estimating the economic burden of medication errors with US acute care facilities. Presented at: International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting; May 8-12; New Orleans, LA
9. **Sepassi A**, Chingcuanco F, Gordon R, Meier A, Divino V, DeKoven M, Ben-Joseph R. A retrospective identification of venous thromboembolism events perioperatively using claims-based data. Presented at: Academy of Managed Care Pharmacy (AMCP) Annual Meeting; March 27-30; Denver, CO.