

CURRICULUM VITAE
Andrew R. Zullo, PharmD, ScM, PhD

CONTACT INFORMATION

Brown University
School of Public Health
Department of Health Services, Policy, & Practice
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Rhode Island Hospital—Lifespan
Department of Pharmacy
593 Eddy Street
Providence, RI 02903
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EDUCATION

- 2012 – 2017 **Ph.D., Health Services Research** (Advisors: David Dore, PharmD, PhD and Vincent Mor, PhD)
Brown University
School of Public Health, Providence, RI
Thesis: “Use, Safety, and Effectiveness of Diabetes Medications in Older Nursing Home Residents”
- 2012 - 2015 **Sc.M., Epidemiology** (Advisor: Chanelle Howe, PhD, MHS, MPH)
Brown University
School of Public Health, Providence, RI
Thesis: “Estimating the Effect of Health Insurance on Personal Prescription Drug Importation in Various Subpopulations Using Complex Survey Data and Marginal Structural Models”
- 2008 - 2012 **Pharm.D.**
Rutgers University
Ernest Mario School of Pharmacy, Piscataway, NJ
- 2006 - 2008 **Pre-Pharmacy** (Admitted directly to PharmD program)
Rutgers University
Rutgers College/Ernest Mario School of Pharmacy, Piscataway, NJ

POSTDOCTORAL TRAINING

- 2015 - Present **AHRQ K12 Mentored Fellowship**
Comparative Effectiveness/Patient-centered Outcomes Research
Center for Evidence Synthesis in Health
Brown University
School of Public Health, Providence, RI

PROFESSIONAL RESEARCH AND ACADEMIC APPOINTMENTS

Exp Oct 2017	Assistant Professor Brown University Department of Health Services, Policy, and Practice
2015 - Present 2016 - 2016	Investigator (Research Faculty) Teaching Associate (Teaching Faculty) Brown University Department of Health Services, Policy, and Practice
2016 - Present	Adjunct Assistant Professor University of Rhode Island College of Pharmacy
2016 - Present	Adjunct Assistant Professor University of Connecticut School of Pharmacy
2013 - 2015	Research Assistant Brown University Center for Gerontology and Health Care Research
2012	Research Associate Healthcentric Advisors (Medicare QIO), Providence, RI

PROFESSIONAL CLINICAL APPOINTMENTS

2015 - Present	Clinical Pharmacist Specialist, Geriatrics/Analytics Rhode Island Hospital/Hasbro Children's Hospital, Providence, RI
2012 - 2015	Pharmacist Rhode Island Hospital/Hasbro Children's Hospital, Providence, RI
2011 - 2012	Advanced Clinical Pharmacy Extern <i>Specialty and Location:</i> Managed Care and Medication Therapy Management Horizon Blue Cross Blue Shield of New Jersey, Newark, NJ Regulatory Science U.S. Food and Drug Administration Office of Drug Security, Integrity, and Recalls, Silver Spring, MD Internal Medicine and Anticoagulation University Medical Center at Princeton, Princeton, NJ Neonatal and Pediatric Intensive/Acute Care Jersey Shore University Medical Center, Neptune, NJ Ambulatory Care Indian Health Service, Kayenta Health Center, Kayenta, AZ

Hospital Pharmacy Operations and Clinical Practice
Robert Wood Johnson University Hospital, Hamilton, NJ

Regulatory Science
U.S. Food and Drug Administration
Office of Compliance, Silver Spring, MD

Community Pharmacy Operations
Walgreen's Pharmacy, Wasilla, AK

Drug Information and Corporate Pharmacy Operations
CVS Caremark Headquarters, Woonsocket, RI

- 2010 **Medical Communications/Drug Information Intern**
Eisai Pharmaceuticals, Woodcliff Lake, NJ
- 2010 **Pharmacy Extern**
Shore Medical Center, Somers Point, NJ.
- 2009 - 2010 **Pharmacy Intern**
Oxnard Community Pharmacy, Warwick, RI
- 2007 - 2009 **Pharmacy Intern**
Rite Aid Pharmacy, North Kingstown, RI

PUBLICATIONS (PEER-REVIEWED)

https://www.ncbi.nlm.nih.gov/sites/myncbi/1p_1tbpvWo1QL/bibliography/52509741/public/?sort=date&direction=descending

1. **Zullo AR**. Capsule Commentary on McCoy et al. Hospital Readmissions among Commercially-Insured and Medicare Advantage Beneficiaries with Diabetes and the Impact of Severe Hypoglycemic and Hyperglycemic Events. *Journal of General Internal Medicine*. *Accepted*.
2. Lefebvre A, **Zullo AR**, Dapaah-Afryie R, Berard-Collins C, Elsaid K. Outcomes of a Pharmacist-Managed Clinic for Underserved Patients with Uncontrolled Type 2 Diabetes Mellitus. *Journal of Pharmacy Practice and Research*. *Accepted*.
3. Berry SD, **Zullo AR**, McConeghy K, Lee Y, Daiello L, Kiel DP. Defining Hip Fracture with Claims Data: outpatient and provider claims matter. *Osteoporosis International*. *Accepted*.
4. Steinman MA, **Zullo AR**, Lee Y, Boscardin WJ, Dore DD, Gan S, Fung K, Miao Y, Lee SJ, Covinsky KE, Komaiko KDR, Mor V. Association of β -Blockers With Functional Outcomes, Death, and Rehospitalization in Older Nursing Home Residents After Acute Myocardial Infarction. *JAMA Intern Med*. 2017 Feb 1;177(2):254-262. doi: 10.1001/jamainternmed.2016.7701. PubMed PMID: 27942713.

5. Bunnell K, **Zullo AR**, Collins C, Adams C. Methicillin-resistant *Staphylococcus aureus* pneumonia in critically ill trauma and burn patients: a retrospective cohort study. *Surg Infect (Larchmt)*. 2016 Dec 22. doi: 10.1089/sur.2016.115. [Epub ahead of print] PubMed PMID: 28004983.
6. Gao TY, Howe CJ, **Zullo AR**, Marshall BDL. Risk factors for self-report of not receiving an HIV test among adolescents in NYC with a history of sexual intercourse, 2013 YRBS. *Vulnerable Child Youth Stud*. 2016. doi: 10.1080/17450128.2016.1268741.
7. **Zullo AR**, Lee Y, Daiello L, Mor V, Boscardin WJ, Miao Y, Komaiko K, Steinman MA. Beta Blocker Use among United States Nursing Home Residents after Myocardial Infarction: A National Study. *J Am Geriatr Soc*. 2016 Nov 15. doi: 10.1111/jgs.14671. [Early view].
8. Fain K, Alexander G, Dore D, Segal J, **Zullo AR**, Castillo-Salgado C. Frequency and Predictors of Analgesic Prescribing in U.S. Nursing Home Residents with Persistent Pain. *J Am Geriatr Soc*. 2016 Nov 7. doi: 10.1111/jgs.14512. [Early view].
9. Thomas KS, Parikh RB, **Zullo AR**, Dosa D. Home-Delivered Meals and Risk of Self-Reported Falls: Results from a Randomized Trial. *J Appl Gerontol*. 2016 Oct 25. pii: 0733464816675421. [Epub ahead of print] PubMed PMID: 27798291.
10. Fain KM, Castillo-Salgado C, Dore DD, Segal JB, **Zullo AR**, Alexander GC. Inappropriate Fentanyl Prescribing Among Nursing Home Residents in the United States. *J Am Med Dir Assoc*. 2016 Oct 6. pii: S1525-8610(16)30367-X. doi:10.1016/j.jamda.2016.08.015. PubMed PMID: 27720662.
11. **Zullo AR**, Dore DD, Gutman R, Mor V, Smith RJ. National Glucose-lowering Treatment Complexity is Greater among Nursing Home Residents than Community-dwelling Adults. *J Am Geriatr Soc*. 2016 Sep 27. doi: 10.1111/jgs.14485. [Epub ahead of print] PubMed PMID: 27677102.
12. Banerjee G, **Zullo AR**, Berry SD, Lee Y, McConeghy K, Kiel DP, Mor V. Geographic Variation in Hip Fracture among U.S. Long-stay Nursing Home Residents. *J Am Med Dir Assoc*. 2016 Jul 23. pii: S1525-8610(16)30221-3. doi: 10.1016/j.jamda.2016.06.012. [Epub ahead of print] PubMed PMID: 27461867.
13. **Zullo AR**, Dore DD, Daiello L, Baier RR, Gutman R, Gifford DR, Smith RJ. National Trends in Treatment Initiation for Nursing Home Residents with Diabetes Mellitus, 2008-2010. *J Am Med Dir Assoc*. 2016 Mar 24. pii: S1525-8610(16)00123-7. doi: 10.1016/j.jamda.2016.02.023. [Epub ahead of print] PubMed PMID: 27052559.
14. Berry SD, Lee Y, **Zullo AR**, Kiel DP, Dosa D, Mor V. Incidence of Hip Fracture in U.S. Nursing Homes. *J Gerontol A Biol Sci Med Sci*. 2016 Mar 14. pii: glw034. [Epub ahead of print] PubMed PMID: 26980299.
15. Mahmoud L, **Zullo AR**, McKaig D, Berard-Collins CM. Concordance between Activated Partial Thromboplastin Time and Antifactor Xa Assay for Monitoring Unfractionated Heparin in Hospitalized Hyperbilirubinemic Patients. *R I Med J (2013)*. 2016 Mar 1;99(3):33-7. PubMed PMID: 26929970.

16. **Zullo AR**, Howe CJ, Galárraga O. Estimating the Effect of Health Insurance on Personal Prescription Drug Importation. *Med Care Res Rev*. 2016 Feb 2. pii:1077558716629039. [Epub ahead of print] PubMed PMID: 26837427.
17. Kenna J, Mahmoud L, **Zullo AR**, Potter NS, Fehnel CR, Thompson BB, Wendell LC. Effect of Probiotics on the Incidence of Healthcare-Associated Infections in Mechanically Ventilated Neurocritical Care Patients. *Nutr Clin Pract*. 2016 Feb;31(1):116-20. doi: 10.1177/0884533615620349. Epub 2015 Dec 16. PubMed PMID: 26673200.
18. Migliozi D, **Zullo AR**, Berard-Collins CM, Elsaid K. Achieving blood pressure control among renal transplant recipients by integrating electronic health technology and clinical pharmacy services. *Am J Health Syst Pharm*. 2015 Nov15;72(22):1987-92. doi: 10.2146/ajhp140810. PubMed PMID: 26541954.
19. **Zullo AR**, Caine K, Galárraga O. The dollars and sense of economic incentives to modify HIV-related behaviours. *J Int AIDS Soc*. 2015 Oct 17;18(1):20724. doi: 10.7448/IAS.18.1.20724. PubMed PMID: 26480927; PubMed Central PMCID: PMC4610955.
20. **Zullo AR**, Dore DD, Galarraga O. Development and Validation of an Index to Predict Personal Prescription Drug Importation by Adults in the United States. *Journal of Pharmaceutical Health Services Research*. 2015; 6:33-41. doi: 10.1111/jphs.12088.

SUBMITTED PUBLICATIONS (PEER-REVIEWED)*

*Publications in preparation are not listed.

1. Greene RA, **Zullo AR**, Berard-Collins C, Adams C. Effect of pharmacist interventions on drug cost savings in acute and intensive care.
2. Fain K, Castillo-Salgado C, Alexander GC, Segal JB, **Zullo AR**, Dore DD. Use of Long-Acting Oxycodone with other Central Nervous System Drugs among U.S. Nursing Home Residents.
3. Dore DD, **Zullo AR**, Mor V, Lee Y, Berry SD. Age, Sex, and Dose Effects of Non-benzodiazepine Hypnotics on Hip Fracture in Nursing Home Residents.
4. Mahmoud LN, **Zullo AR**, Thompson BB, Wendell LC. Outcomes of Protocolized Analgesia and Sedation in Neurocritical Care.
5. McConeghy KW, Berry SD, Lee Y, **Zullo AR**, Banerjee G, Daiello L, Dosa D, Kiel DP, Mor V. Influenza illness and Hip fracture hospitalizations in nursing home residents: are they related?
6. Yankulina O, **Zullo AR**, Cabral SE, Huynh JP, Lopresti ML, Fenton MA. Pertuzumab-associated Diarrhea in HER2/neu Positive Breast Cancer Patients: A Comparison of Trials to Actual Practice. *Revise and Resubmit*.
7. **Zullo AR**, Lou U, Cabral S, Huynh J, Berard-Collins CM. Overuse and Underuse of Pegfilgrastim for Primary Prophylaxis of Febrile Neutropenia. *Revise and Resubmit*.

INVITED ORAL PRESENTATIONS (PEER-REVIEWED)

1. **Zullo AR**, Smith RJ, Gutman R, Mor V, Dore DD. Comparative Safety of Dipeptidyl Peptidase-4 Inhibitors and Sulfonylureas in Older Nursing Home Residents. American Geriatrics Society Annual Meeting, San Antonio, TX, May 2017.
Won student travel award.
2. **Zullo AR**, Smith RJ, Gutman R, Mor V, Dore DD. The Effect of Dipeptidyl Peptidase-4 Inhibitors versus Sulfonylureas on Cognition and Physical Functioning in Frail Older Nursing Home Residents. International Society of Pharmacoepidemiology Mid-Year Meeting, London, UK, April 2017.
Won student travel award.
3. **Zullo AR**. Using Rapid-cycle Research to Inform Pharmacy Decision-making. Parkland Hospital/Texas Tech University Health Sciences Center School of Pharmacy. Pharmacy Grand Rounds, Dallas, TX, October 2016.
4. **Zullo AR**, Lee Y, Daiello L, Mor V, Boscardin WJ, Steinman MA. Effect of Beta Blocker Use on Daily Functioning, Rehospitalization, and Death after Myocardial Infarction Among Older Nursing Home Residents. AcademyHealth Annual Meeting, Boston, MA, June 2016.
5. **Zullo AR**, Lee Y, Daiello L, Mor V, Boscardin WJ, Steinman MA. Effect of Beta Blocker Use on Daily Functioning, Rehospitalization, and Death after Myocardial Infarction Among Older Nursing Home Residents. American Geriatrics Society (AGS) Annual Meeting, Long Beach, CA, May 2016.
Won 2016 Scientist-in-Training Research Award.
Won student travel award.
6. **Zullo AR**, Lee Y, Mor V, Daiello L, Komaiko K, Boscardin WJ, Steinman MA. Beta Blocker Use among United States Nursing Home Residents after Myocardial Infarction: A National Study. American Geriatrics Society (AGS) Annual Meeting, National Harbor, MD, May 2015.
Won student travel award.

POSTER PRESENTATIONS (PEER-REVIEWED)

1. Berry SD, **Zullo AR**, Zhang T, Lee Y, Banerjee G, Daiello L, mcConeghy K, Dosa D, Mor V, Kiel DP. Bisphosphonate Prescriptions May Reduce Fracture Risk in Older Nursing Home (NH) Residents. American Society for Bone and Mineral Research, Denver, CO. *Submitted.*
2. Sharmin S, **Zullo AR**, Daiello LA, Zhang T, Shireman TI. Dose- and Drug-Specific Effects of Sulfonylureas on Hypoglycemia and Cardiovascular Events in Older Nursing

- Home Residents. Brown University Public Health Research Day, Providence, RI, April 2017.
3. Brunault R, **Zullo AR**, Huynh JP, Liauw JC, Berard-Collins C. Managing diabetes mellitus in nursing home residents with advanced cancer: a national study. Brown University Public Health Research Day, Providence, RI, April 2017.
 4. Shangani S, Operario D, **Zullo A**, Kirwa K, Howe C. Prevalence and predictors of concurrent sexual partnerships among sexually active men in Kenya. American Public Health Association Annual Meeting, Atlanta, GA, November 2017.
 5. **Zullo A**, Beaulieu J, Berard-Collins C. Effect of drug shortage mitigation strategies on time to ampicillin/sulbactam administration. American Society for Health-system Pharmacists Midyear Clinical Meeting, Las Vegas, NV, December 2016.
 6. Mahmoud L, **Zullo A**, Fehnel CR, Thompson BB, Wendell L. Age-specific effects of an analgesia and sedation protocol in neurocritical care patients. American Society for Health-system Pharmacists Midyear Clinical Meeting, Las Vegas, NV, December 2016.
 7. Greene R, **Zullo A**, Berard-Collins C. Effect of pharmacist interventions on drug cost savings in a collaborative, unit-based practice model. American Society for Health-system Pharmacists Midyear Clinical Meeting, Las Vegas, NV, December 2016.
 8. Adams J, Howe C, **Zullo AR**, Marshall B, Akilah K. Estimating the Impact of Intervening on Adolescent Binge Drinking on Neighborhood-based Disparities in HIV/STI Prevalence: A Causal Mediation Analysis, Society for Adolescent Medicine, New Orleans, LA, March 2017.
 9. **Zullo AR**, Dore DD, Daiello L, Baier RR, Gutman R, Gifford DR, Smith RJ. National Trends in Treatment Initiation for Nursing Home Residents with Diabetes Mellitus, 2008-2010, Lifespan Research Celebration Day, Providence, RI, October 2016.
 10. **Zullo AR**, Dore DD, Gutman R, Mor V, Smith RJ. Food and Drug Administration Warnings and Diabetes Medication Prescribing Patterns for Older Nursing Home Residents, Lifespan Research Celebration Day, Providence, RI, October 2016.
 11. **Zullo AR**, Lee Y, Daiello L, Mor V, Boscardin WJ, Steinman M. Effect of Beta Blocker Use on Daily Functioning, Rehospitalization, and Death after Myocardial Infarction Among Older Nursing Home Residents, Lifespan Research Celebration Day, Providence, RI, October 2016.
 12. Hersey ML, **Zullo AR**, Lee Y, Sharmin S, Bosco E, Mor V, Steinman MA. Type of Beta-Blocker Use by Diabetes Status in Nursing Home Residents after Myocardial Infarction. Lifespan Research Celebration Day, Providence, RI, October 2016.
 13. Berry SD, Lee Y, **Zullo A**, Mor V, Banerjee G, McConeghy K, D'Agostino RA, Hiris J, Kiel DP. Fracture Risk Assessment In Long-term care: FRAIL. American Society for Bone and Mineral Research Annual Meeting, Atlanta, GA, September 2016. *Accepted.*
 14. **Zullo AR**, Dore DD, Gutman R, Mor V, Smith RJ. Selection of Sulfonylureas over Metformin in Elderly Nursing Home Residents with Diabetes Mellitus. International

Conference on Pharmacoepidemiology and Therapeutic Risk Management, Dublin, Ireland, August 2016.

15. Ganley KY, **Zullo AR**, Sosa-Rubi SG, Conde-Glez CJ, Lurie MN, Marshall BDL, Operario D, Mayer KH, Galarraga O. Incidence and Time-Varying Predictors of HIV and Sexually Transmitted Infections (STIs) Among Male Sex Workers in Mexico City. International AIDS Conference (AIDS 2016), Durban, South Africa, July 2016.
16. **Zullo AR**, Dore DD, Daiello L, Baier RR, Gutman R, Gifford DR, Smith RJ. National Trends in Treatment Initiation for Nursing Home Residents with Diabetes Mellitus, 2008-2010. AcademyHealth Annual Research Meeting, Boston, MA, June 2016.
17. **Zullo AR**, Dore DD, Daiello L, Baier RR, Gutman R, Gifford DR, Smith RJ. Patterns of Treatment Initiation for Nursing Home Residents with Diabetes Mellitus, 2008-2010. American Diabetes Association Scientific Sessions, New Orleans, LA, June 2016. *Selected for Moderated Poster Discussion "Epidemiology of Diabetes—What's New?"*
18. McAuliffe L, **Zullo AR**, Petrillo S, Dapaah-Afryie R, Berard-Collins C. Development of a transitions of care pharmacist tool to predict 30-day rehospitalization. American Society of Health-system Pharmacy Summer Meeting, Baltimore, MD, June 2016.
19. Ganley KY, **Zullo AR**, Sosa-Rubi SG, Conde-Glez CJ, Lurie MN, Marshall BDL, Operario D, Mayer KH, Galarraga O. Incidence and Time-Varying Predictors of HIV and Sexually Transmitted Infections (STIs) Among Male Sex Workers in Mexico City. HIV and Hepatitis in the Americas, Mexico City, Mexico, April 2016. *Awarded a Brown University International Affairs Undergraduate Student Fund Award.*
20. Mahmoud LN, **Zullo AR**, Potter NS, Fehnel CR, Thompson BB, Wendell LC. Effect of an Analgesia and Sedation Protocol in Neurocritical Care Patients. American Academy of Neurology Annual Meeting, Vancouver, BC, Canada, April 2016.
21. Bunnell K, **Zullo A**, Adams C, Berard-Collins C. Methicillin-Resistant Staphylococcus Aureus Pneumonia in Critically Ill Trauma Patients. Society of Critical Care Medicine Annual Congress, Orlando, FL, February 2016.
22. Yankulina O, **Zullo AR**, Huynh JP, Berard-Collins CM. Retrospective Analysis of the Association Between Pertuzumab and Diarrhea in HER2-Positive Breast Cancer Patients. University Health System Consortium Conference, Orlando, FL, December 2015.
23. Hunt L, **Zullo AR**, Berard-Collins CM, Petrillo S, Dapaah-Afryie R. Identification of Pharmacy Transitions of Care Patients at Highest Risk of 30-day Hospital Readmission. University Health System Consortium Conference, Orlando, FL, December 2015.
24. Berry SD, **Zullo A**, Lee Y, Mor V, D'Agostino R, Dosa D, Hiris J, Banerjee G, Kiel DP. A Useful Clinical Model to Predict Hip Fracture in U.S. Nursing Home (NH) Residents: the first step in developing a screening tool in the nursing home. American Society for Bone and Mineral Research Annual Meeting, Seattle, WA, October 2015.

25. Mahmoud L, **Zullo AR**, McKaig D, Berard-Collins CM. Concordance between aPTT and anti-Xa monitoring methods for Unfractionated Heparin in a hospitalized population: an exploratory cohort study. 23rd Lifespan Research Symposium, Providence, RI, September 2015.
26. Lou U, **Zullo A**, Cabral SE, Collins C. Adherence to pegfilgrastim primary prophylaxis guidelines in current practice. Eastern States Conference for Pharmacy Residents and Preceptors, Hershey, PA, May 2015.
Awarded Best Research Poster.
27. Ganley K, **Zullo AR**, Li E, Sosa-Rubí SG, Galárraga O. Socioeconomic Status and Return to Clinic Among Male Sex Workers in Mexico City. Brown University Public Health Research Day, Providence, RI, April 2015.
28. Caine K, **Zullo AR**, Li E, Sosa-Rubí SG, Galárraga O. The Effect of Economic Interventions on HIV Treatments and Prevention: A Systematic Review. Brown University Public Health Research Day, Providence, RI, April 2015.
Awarded runner-up for Best Undergraduate Research Poster.
29. Lou U, **Zullo A**, Cabral SE, Elsaid K, Collins C. Adherence to pegfilgrastim primary prophylaxis guidelines in current practice. Brown University Public Health Research Day, Providence, RI, April 2015.
30. Fudin H, **Zullo A**, Migliozi DR, Elsaid K, Collins C, Dapaah-Afriyie RB. Engaging renal transplant patients in home electronic blood pressure monitoring: an exploratory qualitative study. Brown University Public Health Research Day, Providence, RI, April 2015.
31. Weeden N, Li E, **Zullo AR**, Sosa-Rubí SG, Galárraga O. Socioeconomic status and CD4 count among male sex workers at high risk of contracting HIV. Brown University Public Health Research Day, Providence, RI, April 2015.
Featured undergraduate project for the Brown School of Public Health media campaign.
32. **Zullo AR**, Howe C. Estimating the effect of health insurance on personal prescription drug importation in various subpopulations using complex survey data and marginal structural models. Society for Epidemiologic Research Annual Meeting, Denver, CO, June 2015.
33. Berry S, **Zullo A**, Lee Y, Kiel D, Dosa D, Mor V. Incidence of hip fracture in U.S. nursing homes. American Geriatrics Society (AGS) Annual Meeting, National Harbor, MD, May 2015.
34. **Zullo AR**, Howe C. Estimating the effect of health insurance on personal prescription drug importation in various subpopulations using complex survey data and marginal structural models. Brown University Public Health Research Day, Providence, RI, April 2015.
35. Postman C, Li E, **Zullo AR**, Sosa-Rubí SG, Galárraga O. Socioeconomic status and access to health care among men-who-have-sex-with-men at high risk of

- HIV acquisition. Brown University Public Health Research Day, Providence, RI, April 2015.
36. Lou U, **Zullo A**, Elsaid K, Cabral SE, Collins C. Adherence to pegfilgrastim primary prophylaxis guidelines in current practice: a multi-center cohort study. University Health System Consortium Conference, Anaheim, CA, December 2014.
 37. Fudin H, Migliozi DR, **Zullo A**, Elsaid K, Collins C, Dapaah-Afriyie RB. Engaging renal transplant patients in home electronic blood pressure monitoring: an exploratory qualitative study. University Health System Consortium Conference, Anaheim, CA, December 2014.
 38. Migliozi D, **Zullo A**, Elsaid K, Collins C. Evaluation of Integrated Clinical Pharmacy Services and Home Electronic Blood Pressure Monitoring in Renal Transplantation: Preliminary Results of a Single-Center Cohort Study. 22nd Lifespan Research Symposium, Providence RI, October 2014.
 39. Migliozi D, **Zullo A**, Elsaid K, Collins C. The Effect of Integrated Clinical Pharmacy Services and Home Electronic Blood Pressure Monitoring on Blood Pressure Among Renal Transplant Recipients. 22nd Lifespan Research Symposium, Providence, RI, October 2014.
 40. **Zullo A**, Dore DD, Galarraga O. Development and Validation of a Prescription Drug Importation Index. 22nd Lifespan Research Symposium, Providence, RI, October 2014.
 41. Rocafort PT, **Zullo A**, Haines ST, Lebovitz L. Characteristics of Performance Assessment and Feedback: Variation in Faculty Perception by Duration of Academic Employment. American Association of Colleges of Pharmacy, Grapevine, TX, July 2014.
 42. **Zullo A**, Dore D, Rocafort PT, Galarraga O, Mor V. Predictors of Prescription Drug Importation and Development of an Importation Risk Score. Brown University Public Health Research Day, Providence, RI, April 2014.
 43. **Zullo A**, Krishnaswamy N, Dore D. A Systematic Review of the Adverse Effects of Atypical Antipsychotics in the Elderly Population. 29th International Conference on Pharmacoepidemiology and Therapeutic Risk Management, Montreal, Canada, August 2013.
 44. **Zullo A**, Krishnaswamy N, Dore D. A Systematic Review of the Adverse Effects of Atypical Antipsychotics in the Elderly Population. Brown University Public Health Research Day, Providence, RI, April 2013.
 45. **Zullo A**, Amin P. Political advocacy training in Doctor of Pharmacy curricula: a quantitative assessment and analysis of educational need. American Society of Health-System Pharmacists Annual Meeting, New Orleans, LA, December 2011.
 46. **Zullo A**, Amin P, Cintron N. Assessment of the impact of the historical Rutgers University Big Brother Big Sister Pharmacy Mentoring Program on student pharmacy professionals. American Society of Health-System Pharmacists Annual Meeting, Anaheim, CA, December 2010.

PUBLICATIONS (NON PEER-REVIEWED)

1. **Zullo A.** OTC Spotlight: Niacin for Dyslipidemia. *CVS Clinical FOCVS Newsletter*. 2011; 13(8): 5-6.
2. **Zullo A.** Attention Deficit Hyperactivity Disorder (ADHD) Treatment Review. *CVS Clinical FOCVS Newsletter*. 2011; 13(8):1-4.
3. **Zullo A.** Sun Protection: Basic Principles of Sunscreens. *CVS Clinical FOCVS Newsletter*. 2011; 13(7):2-4.
4. **Zullo A.** Aquatic Envenomations: Avoid the Sting. *Shore Memorial Hospital Pharmacy Newsletter*. 2010; 6(1): 1-2
5. **Zullo A.** Spider Bites: Brown v. Black. *Shore Memorial Hospital Pharmacy Newsletter*. 2010; 6(1): 2-4.
6. **Zullo A.** Leading Littles at Lambda: Rutgers. *The Laurel*. 2010; 6(4): 1.
7. **Zullo A.** Behind-The-Counter Medications: A Healthcare Solution. *The Roosevelt Institution Public Policy Journal*. April 2008: 3-5.

ORAL PRESENTATIONS (NON PEER-REVIEWED)

1. **Zullo A.** Variation in Propensity Score-Adjusted Estimates of Treatment Effects: Sulfonylureas versus Dipeptidyl Peptidase-4 Inhibitors for Diabetes as a Case Study, Brown University K Award Seminar hosted by the Women's Reproductive Health Research Career Development Program, Providence, RI October 2016.
2. **Zullo A.** Estimating Predicted Probabilities from Logistic Regression: Different Methods Correspond to Different Target Populations, K12 Journal Club, Providence, RI September 2016.
3. **Zullo A.** Selection of Sulfonylureas over Metformin in Older Nursing Home Residents. Brown University Pharmacoepidemiology Core, Providence, RI August 2016.
4. **Zullo A.** Estimating and Modeling Cost Data Using Generalized Gamma Regression: A Primer. Brown University K12 Journal Club, Providence, RI June 2016.
5. **Zullo A.** Effect of Beta Blocker Use on Daily Functioning, Rehospitalization, and Death after Myocardial Infarction among Older Nursing Home Residents. Brown University Pharmacoepidemiology Core, Providence, RI May 2016.
6. **Zullo A, Daiello L.** Effect of Beta Blocker Use on Daily Functioning, Rehospitalization, and Death after Myocardial Infarction Among Older Nursing Home Residents. Brown University Pharmacoepidemiology Core, Providence, RI February 2016.

7. **Zullo A.** National Trends in Treatment Initiation for Nursing Home Residents with Type 2 Diabetes Mellitus, 2008-2010. Brown University Pharmacoepidemiology Core, Providence, RI, November 2015.
8. **Zullo A.** National Trends in Initiation of Diabetes Medications in the Nursing Home and Current Best Practices for Prescribing. Brown University Division of Geriatrics and Palliative Medicine, Providence, RI, November 2015.
9. **Zullo A.** National Trends in Initiation of Diabetes Medications in the Nursing Home and Current Best Practices for Prescribing. Rhode Island Hospital Department of Pharmacy, Providence, RI, November 2015.
10. **Zullo A.** What's the Risk? A Simple Approach for Estimating Adjusted Risk Measures from Nonlinear Models Including Logistic Regression (Journal Club and Application to Personal Prescription Drug Importation). Brown University Center for Evidence-based Medicine, Providence, RI, September 2015.
11. **Zullo A.** Beta Blockers Use among United States Nursing Home Residents after Myocardial Infarction: A National Study. Rhode Island Hospital Department of Pharmacy, Providence, RI, May 2015.
12. **Zullo A.** Pharmaceutical Contamination of Drinking Water: Methodological Challenges to Human Health Risk Assessment. Brown University School of Public Health, Providence, RI, December 2013.
13. **Zullo A,** Keohane L. Comparative Effectiveness Research and Patients with Multiple Chronic Conditions. Brown University School of Public Health Journal Club, Providence, RI, November 2013.
14. Keohane L, **Zullo A.** Mortality and Access to Care among Adults after State Medicaid Expansions. Brown University School of Public Health Journal Club, Providence, RI, September 2012.
15. **Zullo A.** Ingenol Mebutate for Treatment of Actinic Keratosis. Horizon Blue Cross/Blue Shield of New Jersey, Newark, NJ, April 2012.
16. **Zullo A.** Pharmacogenomics of Warfarin in the Egyptian Patient Population. Princeton University Medical Center, Princeton, NJ, February 2012.
17. **Zullo A,** Wang S, Haddad S. Influenza and Pneumococcal Vaccinations for Primary Prevention. Princeton University Medical Center, Princeton, NJ, February 2012.
18. **Zullo A.** Methicillin Susceptible *Staphylococcus aureus* Bacteremia and Endocarditis in IV Drug Users. Princeton University Medical Center, Princeton, NJ, February 2012.
19. **Zullo A.** Apixaban versus Enoxaparin for Thromboprophylaxis in Medically Ill Patients. Princeton University Medical Center, Princeton, NJ, February 2012.
20. **Zullo A.** Apnea of Prematurity: Comparative Effectiveness of Caffeine Citrate and Aminophylline. Jersey Shore University Medical Center, Neptune, NJ, December 2011.

21. **Zullo A.** Treatment of Community Acquired Pneumonia in Pediatric Patients. Jersey Shore University Medical Center, Neptune, NJ, December 2011.
22. **Zullo A.** Remifentanil and Propofol for Weaning of Mechanically Ventilated Pediatric Intensive Care Unit Patients. Jersey Shore University Medical Center, Neptune, NJ, November 2011.
23. **Zullo A, Vo J.** Sexually Transmitted Diseases: Key Guideline Updates Affecting Navajo Nation. Indian Health Services—Kayenta Health Center, Kayenta, AZ, November 2011.
24. Chen J, **Zullo A.** Medical and Pharmaceutical Management of Angiotensin Converting Enzyme Inhibitor-Induced Angioedema. Robert Wood Johnson University Hospital, Hamilton, NJ, October 2011.
25. Chen J, **Zullo A.** Falls Prevention Strategies in Elderly Patients. Robert Wood Johnson University Hospital. Hamilton, NJ, October 2011.
26. Chen J, **Zullo A.** Proper Medication Disposal Practices and Environmental Implications. Robert Wood Johnson University Hospital, Hamilton, NJ, September 2011.
27. **Zullo A.** Predictors of New-Onset Diabetes in Patients Treated with Atorvastatin. CVS Caremark Headquarters Clinical Operations Team, Woonsocket, RI, June 2011.
28. **Zullo A.** Leukotriene Antagonists as First-Line or Add-On Asthma-Controller Therapy. CVS Caremark Headquarters Clinical Operations Team, Woonsocket, RI, June 2011.
29. **Zullo A.** Olmesartan for the Delay or Prevention of Microalbuminuria in Type 2 Diabetes. CVS Caremark Headquarters Clinical Operations Team. Woonsocket, RI, May 2011.

CURRENT ACADEMIC RESEARCH FUNDING

- 1/2017 - 10/2017 **Co-Investigator (PI: Ethan Balk). World Health Organization. Conducting Systematic Reviews to inform WHO Guidelines on the Clinical Management of Cancer Pain.** The objective of this proposal was to conduct a systematic review to inform the development of new cancer pain guidelines.
- 1/2017 - 12/2017 **Co-Investigator (PI: Safiya Naidjate). American Society of Health-System Pharmacists (ASHP) Research and Education Foundation. Resident Practice-Based Research Grant. Outcomes of a Pharmacist-Managed Hepatitis C Virus Clinic Care Delivery Model.** The objectives of this proposal are: 1) to describe the demographic, clinical, and social characteristics of adult patients infected with HCV at a pharmacist-managed outpatient HCV clinic, 2) to characterize the determinants of enrollment in a pharmacist-managed outpatient HCV clinic versus a limited-pharmacist- involvement clinic for HCV patients, and 3) to estimate the effect of a pharmacist-managed HCV clinic versus a limited-pharmacist- involvement clinic on treatment completion and achieving HCV cure.

- 9/2015 - 9/2017 **Scholar (PI: Thomas Trikalinos). Agency for Healthcare Research and Quality (5K12HS022998-02). Develop Patient Centered Outcomes Scholars for Comparative Effectiveness Research.** The objective of this award is to prepare scholars to apply comparative effectiveness research methods to patient-centered outcomes research.
- 8/2014 - 4/2018 **Co-Investigator (PI: Sarah Berry). National Institute on Aging (5R01AG045441-02). A Clinical Prediction Tool to Guide Treatment of Osteoporosis in the Nursing Home.** The objective of this award is to develop a screening tool for osteoporosis and use the screening tool to determine a threshold at which osteoporosis medications prevent fractures.

SUBMITTED ACADEMIC RESEARCH FUNDING PROPOSALS

- Submitted* **Principal Investigator. Agency for Healthcare Research and Quality (Request for Task Order #41). Appropriate Use of Pharmacologic Therapies for Osteoporosis Fracture Prevention.** To conduct one topic refinement and one follow-on medium systematic review and stakeholder engagement on the appropriate use of pharmacologic therapies for osteoporosis fracture prevention.
- Resubmission* **Co-Investigator (PI: Theresa Shireman). National Institute of Diabetes and Digestive and Kidney Diseases (R21 in response to PA-15-169). Antihypertensive Utilization and Outcomes in Renal Transplant Recipients.** The overall objective of this proposal is to compare the effectiveness of three major antihypertensive classes on the following long-term outcomes in renal transplant recipients: graft survival, cardiovascular endpoints and all-cause mortality.
- Resubmission* **Co-Investigator (PI: Christine Duarte). National Institute of General Medical Sciences (COBRE/1P20GM121301-01). Project 3: Beta blockers and their impact on fracture risk in nursing home residents taking atypical antipsychotics.** As part of a cohesive series of projects, the overall aim of this proposal is to assess whether beta blockers ameliorate the risk of fractures associated with atypical antipsychotics in a population of older nursing home residents.

PAST ACADEMIC RESEARCH FUNDING

- 1/2016 - 12/2016 **Co-Investigator (PI: Laura McAuliffe). American Society of Health-System Pharmacists (ASHP) Research and Education Foundation. Resident Practice-Based Research Grant. Identification of Pharmacy Transitions of Care Patients at Highest Risk of 30-Day Hospital Readmission.** The objectives of this award are 1) to identify factors associated with an increased risk of unplanned hospital readmission, paying particular attention to factors that a) frequently available to the transitions of care pharmacist, and b) unavailable in previous models of rehospitalization developed by other researchers using administrative

claims data, and 2) develop and validate a practical prediction tool for use by transitions of care pharmacists.

8/2013 - 6/2016

Research Assistant, then Co-Investigator (PI: Michael Steinman). National Heart, Lung, and Blood Institute (5R01HL111032-03). Outcomes of Beta Blockers after Myocardial Infarction in Nursing Home Residents. The objective of this award is to better understand the benefits and harms of beta blockers in frail nursing home residents after myocardial infarction to substantially improve the evidence base and help guide treatment decisions for this important population.

5/2015 - 8/2015

Principal Investigator. Population Studies and Training Center of Brown University (\$2,165). Doubly Robust Estimation of the Effect of Health Insurance on Personal Prescription Drug Importation. The objective of this study is to extend and apply doubly robust estimation of causal effects for complex survey data to estimate the effect of health insurance on personal prescription drug importation behavior.

2/2015

Principal Investigator. PhRMA Foundation Post-Doctoral Fellowship in Health Outcomes (\$110,000). Comparative Effectiveness of Diabetes Medications on Functioning and Cardiovascular Events in the Elderly. The objective of this study is to quantify the comparative effectiveness of pharmacotherapies for type 2 diabetes in the nursing home. *Submitted; no post-doctoral awards granted for the 2015 fiscal year by PhRMA Foundation.*

1/2015 - 1/2016

Principal Investigator. Nora Kahn Piore Award (\$3,000). Estimating the Effect of Health Insurance on Personal Prescription Drug Importation Using Marginal Structural Models and Complex Survey Data. The objective of this study is to use state-of-the-art quantitative methods for causal inference, specifically inverse probability weighted (IPW) marginal structural models (MSMs), in complex survey data to estimate the unconditional effect of health insurance on the risk of personal prescription drug importation across subpopulations of the United States defined by important characteristics.

9/2014 - 5/2015

Principal Investigator. Brown University Sheridan Center for Teaching and Learning (\$2,000). The Effects of Socioeconomic Status on Access to Care, Medication Adherence, and HIV Viral Suppression: Establishing a Framework for Conditional Economic Incentivization of Healthy Behaviors. The objective of this study is to preliminarily test the feasibility and acceptability of a highly innovative conditional economic incentives program to incentivize healthy behaviors among HIV-positive men in Mexico City.

5/2014 - 8/2014

Principal Investigator. Population Studies and Training Center of Brown University (\$790). Estimating the Effect of Health Insurance on Personal Prescription Drug Importation in Underserved Populations. The objective of this study is to extend novel causal

inference methods for complex survey data to estimate the effect of policy interventions on personal prescription drug importation behavior.

TEACHING

Courses

- 2016, 2017 **Guest Lecturer**
 Department of Health Services, Policy, and Practice, Brown University
 School of Public Health
Introduction to Pharmacoepidemiology (PHP2440), Professor Theresa Shireman, PhD, RPh
- 2016 **Teaching Associate (Faculty)**
 Executive Master of Healthcare Leadership, Brown University School of
 Public Health
*Data-Driven Decision Making: The Structure, Conduct, Review, and
 Evaluation of Research (EMHL2030), Judith D. Bentkover, PhD, Roe
 Gutman, PhD, Lorne Basskin, PharmD*
- 2016 **Guest Lecturer**
 Department of Epidemiology, Brown University School of Public Health
*Applied Epidemiologic Analysis Using SAS (PHP2260), Professor
 Channele Howe, PhD, MHS, MPH*
- 2016 **Guest Lecturer**
 Department of Health Services, Policy, and Practice, Brown University
 School of Public Health
*Introduction to Pharmacoepidemiology (PHP2440), Professor Theresa
 Shireman, PhD, RPh*
- 2014 **Teaching Assistant, Guest Lecturer**
 Department of Health Services, Policy, and Practice, Brown University
 School of Public Health
*Health Care in the United States (PHP0310), Professor Ira Wilson, MD,
 MSc*

Special Training Received

- 2015 **Teaching Certificate V (Research Mentorship)**
 Brown University Sheridan Center for Teaching and Learning
 Awarded after participation in Sheridan Research Mentorship Seminar
 lectures and workshops, participation in weekly individual and team
 mentee meetings, completion of intermediate and final research progress
 reports, and submission of pre/post surveys.
- 2014 **Teaching Certificate I (Reflective Teaching)**
 Brown University Sheridan Center for Teaching and Learning
 Awarded after participation in the Sheridan Teaching Seminar lectures
 and workshops, participation in a departmental micro-teaching session,

completion of an individual teaching consultation, and submission of a formal summary evaluation.

2013 - 2015 **Trainee**
Brown University Sheridan Center for Teaching and Learning

Advising and Mentoring

2014 - Present Research Preceptor, Lifespan-Rhode Island Hospital Oncology
Postgraduate Year 2 (PGY2) Pharmacy Residency Program

2014 - Present Research Preceptor, Lifespan-Rhode Island Hospital Ambulatory Care
Postgraduate Year 2 (PGY2) Pharmacy Residency Program

2014 – Present Undergraduate Research Mentor, Brown University

2014 - Present Preceptor, Lifespan-Rhode Island Hospital Intermediate and Advanced
Practice Experience Pharmacy Students

2010 - 2011 Facilitator, Rutgers University School of Pharmacy Leadership Training

2007 - 2011 Mentor, Rutgers University School of Pharmacy Mentoring Program

PEER REVIEWER

Aging Clinic and Experimental Research
Annals of Pharmacotherapy
BMC Health Services Research
The BMJ
International Journal of Health Care Finance and Economics
Journal of the American Pharmacists Association
Journal of General Internal Medicine
Journal of Pharmacy Technology
Medical Care
Methods of Information in Medicine
Pharmacoepidemiology and Drug Safety
Research in Social and Administrative Pharmacy
The American Journal of Pharmacy Benefits

ACADEMIC SERVICE AND PROFESSIONAL AFFILIATIONS

2016 Vizient University Health System Consortium Abstract and Poster
Reviewer

2016 Abstract and Proposal Reviewer, IAGG World Congress of Gerontology
and Geriatrics

2016 - Present Member, American Diabetes Association

- 2015 - Present Co-Coordinator, Pharmacy Board Certification Review Group, Lifespan-Rhode Island Hospital Department of Pharmacy
- 2016 - Present Member, American Society of Consultant Pharmacists (ASCP)
- Annual Meeting Proposal Reviewer (2016)
- 2015 - Present Member, American Geriatrics Society (AGS)
- Annual Meeting Proposal Reviewer (2015 - 2016)
- 2013 - Present Member, Society for Epidemiologic Research (SER)
- Abstract Reviewer (2014)
- 2013 - Present Member, Academy Health
- 2013 - Present Member, International Society for Pharmacoepidemiology (ISPE)
- Abstract Reviewer, Annual Conference (2017)
- Abstract Reviewer, Midyear Meeting (2016)
- 2010 - Present Member, American Society of Health-System Pharmacists (ASHP)
- 2010 - Present Member, Phi Lambda Sigma Leadership Honor Society
Specific Roles:
- Regional Liaison, Region 2 (2010 - 2011)
- Chapter Secretary (2010 - 2011)
- 2016 Ambulatory Care Pharmacy Resident Applicant Interviewer, Lifespan-Rhode Island Hospital Department of Pharmacy
- 2016 Oncology Pharmacy Resident Applicant Interviewer, Lifespan-Rhode Island Hospital Department of Pharmacy
- 2016 Tenure Track Faculty Applicant Interviewer, Brown University Department of Health Services, Policy, and Practice
- 2015 - 2016 Research Track Faculty Applicant Interviewer, Brown University Department of Health Services, Policy, and Practice
- 2014 - 2015 Member, Population Association of America (PAA)
- 2013 - 2015 Student Representative, Brown University Public Health Graduate Programs Steering Committee
- 2013 - 2014 Co-Coordinator, Journal Club, Brown University School of Public Health
- 2013 PhD Student Applicant Interviewer, Brown University Department of Epidemiology
- 2010 - 2012 Member, American College of Clinical Pharmacy (ACCP)

- 2010 - 2012 Student Representative, Rutgers University School of Pharmacy Faculty Multicultural Concerns Committee
- 2010 - 2012 Student Representative, Rutgers University School of Pharmacy Faculty Advising Committee
- 2007 - 2012 Member, Rutgers Pharmacy Governing Council Executive Board;
Specific Roles:
- President (2010 - 2011)
- Vice President Internal (2009 - 2010)
- University Senator (2008 - 2009)
- General Member (2007 - 2008, 2011 - 2012)
- 2006 - 2012 Member, American Pharmacists Association (APhA)
Specific Roles:
- Policy and Advocacy Committee Co-Chair (2007 - 2008)
- 2010 - 2011 Pharmacy Representative, Rutgers University Vice President's Leadership Cabinet
- 2010 - 2011 Pharmacy Representative, Rutgers University Student Assembly Council of Presidents
- 2010 - 2011 Pharmacy Representative, Rutgers University Busch Campus Deans' Ambassadors
- 2010 - 2011 Chair, Rutgers University School of Pharmacy Council of Presidents
- 2006 - 2011 Member, National Community Pharmacists Association (NCPA)
Specific Roles:
- Chapter President (2009 - 2010)
- Chapter President-Elect (2008 - 2009)
- Chapter Legislative Affairs Committee Chair (2006 - 2008)
- 2007 - 2009 Member, Phi Delta Chi Pharmaceutical Fraternity
Specific Roles:
- Member, Chapter Professional Projects Committee (2007 - 2009)
- Recruitment Co-Chair (2008 - 2009)
- 2007 - 2008 Vice President, Rutgers University Pharmacy Class of 2012 Executive Board

HONORS AND AWARDS

- 2017 International Society of Pharmacoepidemiology Mid-Year Conference Travel Award
- 2016 American College of Cardiology/American Geriatrics Society/National Institute of Aging Pharmacotherapy in Older Adults with Cardiovascular Disease Travel Award

- 2016 Rhode Island Hospital Department of Pharmacy Preceptor-in-Training of the Year Award
- "The recipient of this award has demonstrated strong commitment to the professional training of students and residents while also displaying leadership skills and professionalism."
- 2016 American Geriatrics Society Scientist-in-Training Research Award
- One \$500 award presented to a pre-doctoral candidate who submitted the highest-scoring abstract for the 2016 AGS Annual Meeting and demonstrates evidence of an early but promising career path in geriatrics research
- 2016 American Geriatrics Society National Conference Travel Award
- \$250 award for being a top 25 student-submitted abstract scored by the AGS Abstract Selection Committee
- 2015 American Geriatrics Society National Conference Travel Award
- \$250 award for being a top 25 student-submitted abstract scored by the AGS Abstract Selection Committee
- 2015 Finalist for Outstanding Academic Accomplishment by a Brown University Master's Student Award
- 2012 Phi Lambda Sigma/American Foundation for Pharmaceutical Education/GlaxoSmithKline First Year Graduate Scholarship (declined offer)
- One \$7,500 award granted annually to fund graduate study in a college of pharmacy graduate program of the award recipient's choice
- 2012 New Jersey Pharmacists Association Outstanding Leadership Award
- 2012 United States Public Health Service Excellence in Public Health Pharmacy Practice Award
- 2012 *Magna cum laude*, Rutgers University School of Pharmacy
- 2011 - 2012 Ernest Mario Endowed Scholar, Rutgers University School of Pharmacy
- 2010 - 2011 John and Josephine Calasibetta Scholar, Rutgers University School of Pharmacy
- 2010 - 2011 Rutgers Alumni Association Scholar, Rutgers University School of Pharmacy
- 2006 - 2010 Rutgers University Academic Merit Scholar
- 2010 Member, National Community Pharmacists Association Business Plan Competition Team
- 2009 Phi Lambda Sigma Leadership Honor Society
- 2009 Cardinal Health 10th Annual Leadership Conference Travel Award

2007 - 2008 Phi Delta Chi Pharmaceutical Fraternity Leadership Award

2007 Phi Delta Chi Pharmaceutical Fraternity Prescription for Success Academic Award

2006 - 2007 Miriam Hospital Stanley Grossman Academic Scholarship

COMPUTER AND PROGRAMMING SKILLS

Statistical Environments: SAS, STATA, R, SQL.

Clinical: OncoWare Rx, Siemens Pharmacy, PharmNotes, LifeLinks, Omnicell, Epic.

Organizational: All Microsoft Office programs, LaTeX.

Bibliographic: EndNote, Reference Manager, Zotero.

PROFESSIONAL LICENSES

2012 - Present Registered Pharmacist, Rhode Island (RPH05164)

2012 - Present Registered Pharmacist, New Jersey (28RI03517000)

CLINICAL AND RESEARCH CERTIFICATIONS

2013 - Present Human Subjects Research Certification, Collaborative Institutional Training Initiative (CITI)

2012 - Present Responsible Conduct in Research Certification (Ethics), NIH and Brown University Department of Biology and Medicine

2010 - Present Immunizing Pharmacist Certification, American Pharmacists Association

2010 - Present Basic Life Support for Healthcare Providers (First Aid and CPR) Certification, American Red Cross

PROFESSIONAL LEAVES

Jan 2015 - Mar 2015 Bereavement Leave