

CURRICULUM VITAE

EMILY JAYNE CICALI (SCHWARTZ)

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CONTACT INFORMATION

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EDUCATION AND POSTDOCTORAL TRAINING

- 2017 - 2018 **Pharmacogenetics Research Fellowship**
The University of Florida, College of Pharmacy, Gainesville, Florida
Mentor: Julie Johnson, PharmD
- 2015 - 2016 **PGY1 Pharmacy Residency: Geriatric Personalized Medicine & Targeted Therapeutics**
Tabula Rasa HealthCare, Moorestown, New Jersey
Mentor: Jacques Turgeon, BPharm, PhD
- 2011 - 2015 **Doctor of Pharmacy**
Philadelphia College of Pharmacy, University of the Sciences, Philadelphia, Pennsylvania
- 2009 - 2013 **Bachelor of Science in Pharmaceutical and Healthcare Studies**
Philadelphia College of Pharmacy, University of the Sciences, Philadelphia, Pennsylvania

LICENSURE AND BOARD CERTIFICATION

- 2018 - present **Board Certified Pharmacotherapy Specialist, #3158589**
- 2017 - present **Registered Pharmacist, State of Florida, #PS57420**
- 2020 - present **Florida Immunization Approval, #PS57420**
- 2015 - present **Registered Pharmacist, State of New Jersey, #28RI03725900**
- 2015 - present **New Jersey Immunization Approval, #28RJ06190**

PROFESSIONAL APPOINTMENTS

- 2020 - present **Assistant Director for Clinical Pharmacogenetics, The UF Health Precision Medicine Program**
University of Florida, Gainesville, Florida
- 2019 - 2020 **Editor-in-Training, *Clinical Pharmacology and Therapeutics***
American Society for Clinical Pharmacology and Therapeutics (ASCPT)
- 2018 - present **Clinical Assistant Professor**
College of Pharmacy, University of Florida, Gainesville, Florida
- 2016 - 2017 **Adjunct Faculty**
Philadelphia College of Pharmacy, Philadelphia, Pennsylvania

PRACTICE EXPERIENCES

- 2020 - present **Director of the UF Health Pharmacogenetics Clinical Consultation Service**
University of Florida, Gainesville, Florida
- 2016 - 2017 **Clinical Research Pharmacist**
Tabula Rasa HealthCare, Moorestown, New Jersey
- 2015 - 2017 **Independent Community Pharmacist (Per Diem)**
Hometown Pharmacy, Southampton, New Jersey

CERTIFICATIONS

2020	Knowledge of the Fundamentals of Team Based Learning, Team-Based Learning Collaborative
2019 - 2021	American Red Cross CPR and AED
2016	Delivering MTM Services Certificate of Achievement, American Pharmacists Association (APhA)
2016	Teaching Certification, University of the Sciences
2014	Pharmacy-Based Immunization Delivery Certification, APhA

RESEARCH AND PROFESSIONAL PROJECTS

- 1. Co-Investigator** (Local Principal Investigator - Julie Johnson, PharmD and Larisa Cavallari, PharmD)
Depression and Opioid Pragmatic Trials in Pharmacogenetics (ADOPT-PGx).
#CED000000367. University of Florida, Gainesville, Florida (Multisite pragmatic clinical trial)
Funding Source: NIH, National Human Genome Research Institute; U01 HG007269 (competitive renewal)
- 2. Co-Investigator** (Local Principal Investigator – Rhonda Cooper-DeHoff, PharmD)
Genetic testing to Understand and Address Renal Disease Disparities across the US (GUARDD-US).
#CED000000288. University of Florida, Gainesville, Florida (Multisite pragmatic clinical trial)
Funding Source: NIH, National Human Genome Research Institute; U01 HG007269 (competitive renewal)
- 3. Principle Investigator**
Determination if Pharmacogenetic Variants Explain High INR Values for UF Health In-Patients on Warfarin.
Quality Improvement Project, #1262. University of Florida, Gainesville, Florida
- 4. Principle Investigator**
Impact of CYP2D6 inhibitors on opioid therapy in patients with pain. Retrospective Study.
#IRB201903494. University of Florida, Gainesville, Florida
- 5. Co-Investigator** (Principal Investigator – Rhonda Cooper-DeHoff, PharmD).
A randomized pragmatic trial of genotype-guided supportive care in symptom treatment of cancer patients.
#IRB201901177. University of Florida, Gainesville, Florida
- 6. Postdoctoral Fellow Investigator** (Local Principal Investigator – Larisa Cavallari, PharmD; James Franciosi, MD).
Implementing Genomics in Practice (IGNITE) Proof of Concept Study: CYP2C19 genotype-supported treatment of GERD and dyspepsia versus conventional treatment. #IRB201601774 University of Florida, Gainesville, Florida
Funding Source: NIH, National Human Genome Research Institute; U01 HG007269

PUBLICATIONS

Peer-Reviewed Biomedical Journals

- Cicali EJ**, Cook KJ, Arwood MJ, Elchynski AL, Wiisanen K. Competency-Based Clinical Pharmacogenomics Activities during an Advanced Pharmacy Practice Experience. *J Am Coll Clin Pharm.* 2021; 4: 60– 70.
- Claudio-Campos K⁺, Padrón A, Jerkins G, Nainaparampil J, Nelson R, Martin A, Wiisanen K, Smith DM, Strekalova Y, Marsiske M, **Cicali EJ**, Cavallari LH, Mathews CA. Acceptability, Feasibility, and Utility of Integrating Pharmacogenetic Testing into a Child Psychiatry Clinic. *Clin Transl Sci.* 2020 Nov 9. Epub ahead of print.
- Marrero RJ⁺, **Cicali EJ**, Arwood MJ, Eddy E, DeRemer D, Ramnarain BH, Daily KC, Jones D Jr, Cavallari LH, Wiisanen KW, Langaee T, Newsom KJ, Starostik P, Clare-Salzer MJ, Johnson JA, George TJ, Cooper-DeHoff RM. How to Transition from Single Gene Pharmacogenetic Testing to Preemptive Panel-Based Testing: A Tutorial. *Clin Pharmacol Ther.* 2020 May 27 [Epub ahead of print].
- Cicali EJ***, Smith DM*, Duong BQ, Kovar LG, Cavallari LH, Johnson JA. A Scoping Review of the Evidence Behind CYP2D6 Inhibitor Classifications. *Clin Pharmacol Ther.* 2020 Jul;108(1):116-125.**
*contributed equally **Led to changes in the [FDA Table of Clinical Inhibitors](#)
- Bain KT, McGain D, **Cicali EJ**, Knowlton CH, Michaud V, Turgeon J. Precision medication: An illustrative case series guiding the clinical application of multi-drug interactions and pharmacogenomics. *Clin Case Rep.* 2019 Dec

23;8(2):305-312.

6. **Cicali EJ**, Weitzel KW, Eley AR, Orlando FA, Vinson M, Mosley S, Smith DM, Davis R, Drum L, Estores D, Franciosi JP, Hagen MG, Jerkins GJ, Mercado ES, Nainaparampil J, Padron A, Rosenberg EI, Wright A, Schmidt SO, Mathews CA, Cavallari LH, Johnson JA. Challenges and lessons learned from clinical pharmacogenetic implementation of multiple gene-drug pairs across ambulatory care settings. *Genet Med*. 2019 Oct;21(10):2264-2274.**
**Received Outstanding Publication in Clinical Practice Award from UF College of Pharmacy in July 2020
7. Orlando LA, Voils C, Horowitz CR, Myers RA, Arwood MJ, **Cicali EJ**, McDonough CW, Pollin TI, Guan Y, Levy KD, Ramirez A, Quittner A, Madden EB. IGNITE network: Response of patients to genomic medicine interventions. *Mol Genet Genomic Med*. 2019 May;7(5):e636.
8. **Cicali EJ**, Blake K, Gong Y, Mougey EB, Al-Atrash H, Chambers N, Denham J, Evans J, George DE, Gomez R, Palomo P, Taufiq S, Johnson JA, Lima JJ, Franciosi JP. Novel Implementation of Genotype-Guided Proton Pump Inhibitor Medication Therapy in Children: A Pilot, Randomized, Multisite Pragmatic Trial. *Clin Transl Sci*. 2019 Mar;12(2):172-179.
9. Bain KT, **Schwartz EJ**, Knowlton OV, Knowlton CH, Turgeon J. Implementation of a Pharmacist-Led Pharmacogenomics Service for PACE (PHARM-GENOME-PACE). *J Am Pharm Assoc*. 2018 May - Jun;58(3):281-289.e1.
10. **Schwartz EJ**, Turgeon J, Patel J, Patel P, Shah H, Issa AM, Knowlton OV, Knowlton CH, Bain KT. Successful Implementation of a Standardized Medication Therapy Management Plus Approach within a Primary Care Setting. *J of Amer Board of Family Medicine*. 2017 November-December; 30: 701-14.
11. Bain KT, **Schwartz EJ**, Chan-Ting R. Reducing Off-Label Antipsychotic Use in Community-Dwelling Older Adults with Dementia: A Narrative Review. *J Am Osteopath Assoc*. 2017 July; 117:441-50.
12. **Schwartz EJ**, Issa AM. The Role of Hospital Pharmacists in the Adoption and Use of Pharmacogenomics and Precision Medicine. *Per Med*. 2017 Jan; 14(1).

†Denotes student and/or post-doctoral trainee whom I mentored on publication

Book Chapters

1. Petry NJ, Roosan, MR, **Cicali EJ**, Duarte JD. Pharmacogenomics: A Primer for Clinicians textbook. 1st Edition. "Pharmacogenomics Implementation". McGraw-Hill. [In press]

Non-Refereed

1. Arwood MJ*, **Cicali EJ***, Melloy LJ*, Schuh M*. [FSHP Position Statement: Clinical Pharmacogenomics](#). 2019.
*contributed equally
2. **Schwartz EJ**, Steffen LE. FDA Monitors Drug Safety & Long QT. *PACE Pharmacy Pages* March 2017;3.
3. Bain KT, **Schwartz EJ**, Shah N. The Hefty Price of Hepatitis C Treatment: Can Pharmacogenomics Provide any Relief? *PACE Pharmacy Pages* April 2016;3-5.
4. **Schwartz EJ**, Bain KT. More Evidence Links Anticholinergic Burden with Poor Outcomes: Summary of New Evidence. *PACE Pharmacy Pages* October 2015;2-3.

ABSTRACTS AND SCIENTIFIC PRESENTATIONS

1. **Cicali EJ**, Elwood E, Elchynski A, Rattanasuwan T, Cook KJ, Alam B, Nguyen K, Eley A, Cavallari LH, Johnson JA, Wiisanen K. The University of Florida Health Precision Medicine Program: a 10-Year Look Back. *Clin Pharmacol Ther*. 2021;109: S50. (PII-020). Virtual poster presentation at American Society of Clinical Pharmacology and Therapeutic 2021 Annual meeting. March 8-17, 2021.
2. Elchynski A[†], Hurst N[†], Ferrer Del Busto M[†], Hamilton A[†], Smith D, Chang K, Schmidt S, Weiner B, Davis R, Estores D, Johnson J, Wiisanen K, Cavallari L, **Cicali EJ**. Comparison of primary care and specialty providers prescribing decisions when pharmacogenetic test results are available. *Clin Pharmacol Ther*. 2021;109: S51. (PIII-023). Virtual poster presentation at American Society of Clinical Pharmacology and Therapeutic 2021 Annual meeting. March 8-17, 2021.
3. Nahid N[†], **Cicali EJ**, McDonough C, Gong Y, Johnson JA. Impact of CYP2D6 Inhibitors on Opioid Therapy in Patients

- with Pain. *Clin Pharmacol Ther.* 2021;109: S39. (PII-037). Virtual poster presentation at American Society of Clinical Pharmacology and Therapeutic 2021 Annual meeting. March 8-17, 2021.
4. Alam B[†], Lucke-Wold B, Laurent D, Elchynski AL, **Cicali EJ**, Wiisanen K, Cavallari LH, Hoh BL. Correlation of platelet reactivity testing and CYP2C19 metabolizer status in patients undergoing endovascular neurosurgical procedures. Virtual poster presentation at 8th Annual UF Health Shands Stroke Conference. March 4, 2021.
 5. Hurst N[†], Elchynski AL[†], Smith DM, Chang K, Schmidt S, Wiisanen K, Johnson JA, Cavallari LH, **Cicali EJ**. Clinical use of CYP2D6 genotyping to guide opioid prescribing for chronic pain in patients taking tramadol and/or codeine. Virtual poster presentation at American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting. Virtual. December 8, 2020.
Poster also presented at University of Florida College of Pharmacy 33rd Annual Research Day. Gainesville FL. February 10, 2020.
 6. Hamilton AL[†], Elchynski AL[†], Smith M, Weiner B, Davis R, Estores D, Wiisanen K, Johnson J, Cavallari L, **Cicali EJ**. Quantifying the impact of CYP2C19 genotyping in Proton Pump Inhibitors prescribing decisions. Virtual poster presentation at ASHP Midyear Clinical Meeting. Virtual. December 8, 2020.
Poster also presented at University of Florida College of Pharmacy 33rd Annual Research Day. Gainesville FL. February 10, 2020.
 7. Alam B[†], **Cicali EJ**, Elchynski A, Cook KJ, Elwood E, Rattanasuwan T, Nguyen K, Elsey A, Cavallari LH, Johnson JA, Wiisanen K. Evaluation of genotype-guided medication changes in a health system with pharmacy specialist support. Virtual poster presentation at Pharmacogenomics Research Network (PGRN) Annual Meeting. Zoom. October 26, 2020. Poster 55. *Honorable mention received.
 8. **Cicali EJ**, Cook KJ, Arwood MJ, Staley B, Thomas C, Dalton R, Elsey A, Cavallari LH, Johnson JA, Cooper-DeHoff R, Wiisanen K. Development of Standardized Clinical Resources to Support Implementation of a Preemptive Pharmacogenomics Testing Panel. *Clin Pharmacol Ther.* 2020;107: S57. (PII-079). *Top poster award at the American Society of Clinical Pharmacology and Therapeutic 2020 Annual meeting. Houston TX. March 18-21, 2020. (Canceled; COVID-19)
 9. Elchynski AL[†], **Cicali EJ**, Chang KL, Nys C, Elsey AR, Johnson JA, Wiisanen KW, Schmidt SO, Cavallari LH. Determining the Potential Value of Panel-Based Pharmacogenetic Testing in a Chronic Pain Population. *Clin Pharmacol Ther.* 2020;107: S56. (PII-078). Poster presentation at the American Society of Clinical Pharmacology and Therapeutic 2020 Annual meeting. Houston TX. March 18-21, 2020. (Canceled; COVID-19)
 10. Ferrer MC[†], Elchynski A[†], Chang KL, Schmidt S, Smith MD, Wiisanen K, Johnson J, **Cicali EJ**, Cavallari LH. Clinical relevance of panel-based pharmacogenetic testing in drug prescribing. Poster presentation at University of Florida College of Pharmacy 33rd Annual Research Day. Gainesville FL. February 10, 2020.
 11. **Cicali EJ**, Cook KJ, Smith DM, Elchynski A, Johnson, JA, Cavallari LH, Wiisanen K. Development of an algorithm to calculate clinical CYP2D6 phenoconversion in practice. *JACCP.* 2020; 3(1):145-391. (#350). Poster presentation at the American College of Clinical Pharmacy 2019 Annual Meeting. New York, New York. October 26-29, 2019.
 12. Melloy K[†], **Cicali EJ**, Staley B, Cooper-DeHoff RM, Wiisanen K. A Systematic approach to designing pharmacogenetic clinical decision support for medication classes affected by multiple genes. Poster presentation at the Clinical Pharmacogenetics Implementation Consortium (CPIC) Open meeting. Memphis TN. June 6-7, 2019.
 13. Smith DM, **Cicali EJ**, Duong BQ, Kovar L, Cavallari LH, Johnson JA. Assessing the evidence behind CYP2D6 inhibitor classifications; a systematic review. *JACCP.* 2018;1(2):122-353. (#47411). Poster presentation at the American College of Clinical Pharmacy 2018 Annual Meeting. Seattle, Washington. October 20-23, 2018.
 14. **Schwartz EJ**, Mougey EB, Chambers NA, Denham JM, Al-Atrash H, Gomez RA, Palomo PJ, Taufiq S, George DE, Evans J, Gong Y, Blake KV, Johnson JA, Lima JJ, Franciosi JP. Novel Implementation of Genotype-Guided Proton Pump Inhibitor Therapy in Children: A Pilot, Randomized, Multi-Site Pragmatic Trial. *Clin Pharmacol Ther* 2018;103:S16. (LB-003). Late breaking abstract presentation at the American Society of Clinical Pharmacology and Therapeutic 2018 Annual meeting. Orlando FL. March 21-24 2018.
 15. **Schwartz EJ**, Patel J, Patel P, Shah H, Issa AM, Turgeon J, Knowlton OV, Knowlton CH, Bain KT. Implementing a Standardized Medication Therapy Management Plus Approach Within a Primary Care Setting. *Clin Pharmacol Ther*

- 2017;101:S45. (PI-097). Poster presentation at the American Society of Clinical Pharmacology and Therapeutic 2017 Annual meeting. Washington DC. March 15-18 2017.
16. Cicali B, Badea G, Steffen L, Bain KT, **Schwartz EJ**, Knowlton CH, Turgeon J. The application of a novel medication risk stratification tool to identify high risk patients within a large population. *Clin Pharmacol Ther* 2017;101:S60. (PII-026). Poster presentation at the American Society of Clinical Pharmacology and Therapeutic 2017 Annual meeting. Washington DC. March 15-18 2017.
17. Bain KT, **Schwartz EJ**, Turgeon J. Implementation of a pharmacist-led pharmacogenomics service for the Program of All-inclusive care for the elderly (PHARM-GENOME-PACE). *Pharmacotherapy* 2017; 37(12):e202. (#278E). Poster presentation at the American College of Clinical Pharmacy 2017 Annual Meeting. Phoenix, Arizona. October 7-10, 2017.
18. Bain KT, Knowlton CH, Knowlton OV, **Schwartz EJ**, Dunning J. Implementation of a Pharmacist-Led Pharmacogenomic Service for PACE. *J Am Pharm Assoc.* 2016; 56:e99 (#303). Poster presentation at the American Pharmacists Association 2016 Annual Meeting. Baltimore, MD. March 4-7 2016.
19. **Schwartz EJ**, Issa AM. National Survey of Pharmacists' Roles in Clinical Pharmacogenomics: Assessment of Predictors. *Pharmacoepidemiology and Drug Safety.* 2015; 24:194-5. (#347)

†Denotes student and/or post-doctoral trainee

PROFESSIONAL PRESENTATIONS

Invited Presentations

1. *Competency-Based Clinical Pharmacogenomic Activities during an APPE – Episode 48.* ACCP Journals. Podcast. February 4 2021.
2. *Challenges and Lessons Learned from Clinical Pharmacogenetic Implementations.* GTMRx Institute. Webinar. June 9 2020.
3. *The Role of a Pharmacogenomics Pharmacist at University of Florida.* Pharmacogenomics Elective Course at Concordia University Wisconsin (CUW) School of Pharmacy. Interactive webinar via Zoom (coronavirus). April 2020.
4. Co-presenter: *Know the Score on Activity Scores: Applications for Patient Care in Clinical Pharmacogenomics.* 5th Annual Precision Medicine Conference. Orlando, Florida. February 2020.
5. *From Theory to Practice: Approaches to Experiential Education in Pharmacogenomics.* American Association of Colleges of Pharmacy (AACCP). Webinar. December 2019.
6. Co-presenter: *UF Health Precision Medicine Program.* American Society of Health-System Pharmacists (ASHP). Webinar. November 2019
7. *Precision Medicine at University of Florida.* LabCorp Pharmacogenomics Business Advisory Team. WebEx. June 2019.
8. *Pharmacogenomics Seminar.* University of Houston College of Pharmacy, local chapter of the American College of Clinical Pharmacy. Houston, Texas. April 2019.

International Conferences

1. *Results of a Pharmacist-Led Pharmacogenomics Service for Community-Based Frail Elderly.* 76th International Pharmaceutical Federation, Buenos Aires, Argentina. August 2016.

National Conferences

1. *Developing and Implementing a Competency-Based Clinical Pharmacogenomics Advanced Pharmacy Practice Experience (APPE).* American Association of Colleges of Pharmacy 2020 Annual Meeting. Online, secondary to COVID-19. July 13-31, 2020
2. *Utilizing a Clinical Decision Support System and Pharmacogenomics to Create a Medication Therapy Management Plus Service.* Health Datapalooza, Washington, District of Columbia. April 2017.
3. *Pharmacy Topics II: Implementing Multi-Gene PGx Testing in PACE.* National Pace Association Annual Conference,

San Francisco, California. October 2016.

Regional/Local

1. *Role as a Clinical Pharmacogenetics Specialist*. APhA Student chapter, Gainesville, Fl. November 13th 2020.
2. *Clinical Pharmacogenetics within UF Health*. Precision Health Forum, Gainesville, Fl. September 1st 2020.
3. *Innovative Teaching Approach: Clinical Application of Pharmacogenetics*. Dean's Leadership Council Meeting. Orlando, Fl. November 2018.
4. *Pharmacogenetic Guided Dosing of Proton Pump Inhibitors*; CE presentation. University of Florida, Gainesville, Fl. September 2018
5. *Pharmacogenetic Implementations in Specialty Pediatric Clinics*. IGNITE Meeting, Silver Springs, Maryland. April 2018.
6. *CYP2D6 and Opioids: Education for the Prescriber*. PACE primary care team at St. Francis LIFE, Wilmington, Delaware. April 2017.
7. *Psychiatric Disorders: Sleep Disturbances*. CE presentation. Tabula Rasa HealthCare University. Moorestown, New Jersey. 2017
8. *Endocrine Disorders: Thyroid Function*. CE presentation. Tabula Rasa HealthCare University. Moorestown, New Jersey. 2017
9. *Geriatric Personalized Medicine Cases*. Pharmacists participating in Medication Risk Mitigation Certificate Training Program at Tabula Rasa HealthCare, Moorestown, New Jersey. December 2016
10. *Pharmacogenomics, Module 8*. CE presentation. Tabula Rasa HealthCare University. Moorestown, New Jersey. 2016
11. *CYP2D6: Relevance of PGx Testing for a Series of Drugs*. CE presentation. Tabula Rasa HealthCare University. Moorestown, New Jersey. 2016
12. *Atrial Fibrillation part 2*. CE presentation. Tabula Rasa HealthCare University. Moorestown, New Jersey. 2016
13. *Developing Perspectives on PGx: Definitions, Techniques, and Basic Concepts*. CE presentation. Tabula Rasa HealthCare University. Moorestown, New Jersey. 2016
14. *Venous Thromboembolism (VTE): Treatment & Prevention*. PACE primary care team at Mercy LIFE Broad St, Philadelphia, Pennsylvania. June 2016.
15. *Pharmacogenomics: Developing Perspectives and Obtaining Updates*. CE presentation. University of the Sciences. Philadelphia, Pennsylvania. June 2016.
16. *Discontinuing Medications in Geriatric Populations: Focus on Statins*. PACE primary care team at LIFE UPenn, Philadelphia, Pennsylvania. January 2016.
17. *Updated Beers Criteria for Older Adults: The 2015 American Geriatrics Society Beers Criteria* Web-based webinar available to PACE program staff at CareKinesis, Moorestown, New Jersey. December 2015.

TEACHING EXPERIENCES

Didactic

2020 - present	PHA5132: Principles of Drug Therapy and Individualization , University of Florida (P1s)
2018 - present	PHA5012: Clinical Application of Personalized Medicine , University of Florida (P2 & P3s)
2019 - present	PHA5166L: Skills Lab , University of Florida (P3s)
2020 - present	PHA5784: Patient Care 4 , University of Florida (P2s)
2020 - present	PHA5786: Patient Care 8 , University of Florida (P3s)
2020 - present	PHA5519: Advanced Topics in Anticoagulation Pharmacotherapy , University of Florida (P2 & P3s)
2017	PP541: Pharmacogenomics Elective , Philadelphia College of Pharmacy (P2 & P3s)
2015-2016	PP569: Clinical pharmacokinetics , Philadelphia College of Pharmacy (P2s)

Precepting Experiences

Post-Doctoral Trainees

- 2018 – present Clinical Pharmacogenomics PGY2 Residency**, University of Florida
2020-2021 Benish Alam, PharmD (University of Illinois at Chicago College of Pharmacy, Chicago, IL)
2018-2019 Kelsey Cook, PharmD (University of North Carolina Eschelmann School of Pharmacy, Chapel Hill, North Carolina) First position: Clinical Assistant Professor, University of Florida College of Pharmacy
- 2019 – 2021 **Pharmacogenomics Clinical Fellowship**, University of Florida
Amanda Elchynski, PharmD (University of South Florida College of Pharmacy)
- 2016 – 2017 **Geriatric Personalized Medicine PGY1 Residency**, Tabula Rasa HealthCare
Sabina Kaminski, PharmD (Philadelphia College of Pharmacy) First position: Pharmacovigilance
Clinical Pharmacist, Tabula Rasa HealthCare, New Jersey
David McGain, PharmD (Jefferson College of Pharmacy)

PharmD Students for Honors Thesis

- 2021 Nikita Shahidadpury, PharmD Candidate 2022

APPE Students

- 2019 - present **Precision Medicine Rotation**, University of Florida (n=16/year)
2016 - 2017 **Geriatric Personalized Medicine; Pharmacoinformatic**, Tabula Rasa HealthCare (n=8)

IPPE Students

- 2016-2017 **Personalized Medicine Internship**, Tabula Rasa HealthCare (n=3)
2016-2017 **Geriatric orientation**, Mercy LIFE West Philadelphia (n=40)

PROFESSIONAL ORGANIZATIONS AND POSITIONS

- 2020 – present Florida Society of Health-System Pharmacists (FSHP)**
2020 - present Member, Ambulatory Care Committee
- 2019 – present American Association of Colleges of Pharmacy (AACP)**
2019 - present Member, Pharmacogenomics Sig
2020 - present Co-chair, Committee for PGx Cases within the Pharmacogenomics Sig
- 2017 – present American College of Clinical Pharmacy (ACCP)**
2017 - present Member, PK/PD/PG PRN
- 2016 – present Clinical Pharmacogenetics Implementation Consortium (CPIC)**
2019 - 2020 Member, CYP2C9 Allele Function Assignment Working Group, which led to being a contributor of 'Assigning CPIC Allele Clinical Function and Translating Diplotypes to Phenotypes Standard Operating Procedure'
- 2015 – present American Society of Clinical Pharmacology and Therapeutics (ASCPT)**
2021 - present Vice Chair, Early Career Community (ECC)
2019 - present Member, Membership Outreach Steering Committee for PGx Community
2019 - present Member, Programming Steering Committee for PGx Community
2020 - present ECC Representative within the Translational and Precision Medicine Network
- 2015 – present Pharmacogenomics Research Network (PGRN)**
2020 - present Member, Education Committee

SERVICE

Professional Service

- 2021 – present **Editorial Board Member, ASCPT Clinical Pharmacology and Therapeutics Journal**

2020 - 2021 **Letter of Intent and CV Reviewer, ACCP Service for Students**

2018 - 2020 **Volunteer Pharmacist, Grace Pharmacy, Gainesville, FL**

2018 - present **Manuscript Reviewer, *Journal of Pharmacogenomics; AJHP; Frontier in Genetics; Pharmacogenomics and Personalized Medicine; Pharmacogenetics and genomics***

University Service

2019 - present **Assessment Committee, College of Pharmacy, University of Florida**

2018 - present **Academic and Professional Standards Committee, College of Pharmacy, University of Florida**

2018 - 2020 **Curriculum Committee, College of Pharmacy, University of Florida**

2019 **Faculty Search Committee, College of Pharmacy, University of Florida**

Community Service

2020 – present **Voices of Change Animal League, Ocala, FL**

2018 - 2020 **Humane Society of North Central Florida, Gainesville, FL**