

Kelsey Cook (Melloy), PharmD, BCPS

January 2024

CONTACT INFORMATION

Office Address:	University of Florida College of Pharmacy 580 W. 8 th Street, Box T-5 Jacksonville, FL 32209	Nemours Children's Health, Jacksonville 807 Children's Way Jacksonville, FL 32207
E-mail:	Kelsey.Cook@cop.ufl.edu	Kelsey.Cook@nemours.org
Office Phone:	(904) 244-9876	(904) 544-1275

PROFESSIONAL EXPERIENCE

Clinical Pharmacogenomics Service Manger Center for Pharmacogenomics and Translational Research Nemours Children's Health, Jacksonville, FL	February 2023-Present
Clinical Assistant Professor Department of Pharmacotherapy and Translational Research University of Florida College of Pharmacy, Jacksonville, Florida	July 2019-Present
Clinical Pharmacogenomics Specialist Center for Pharmacogenomics and Translational Research Nemours Children's Health, Jacksonville, Florida	July 2019-Present
Clinical Pharmacist, Pharmacogenetics Pharmacogenetics Consult Clinic, UF Health, Gainesville, Florida	July 2018-June 2019
Teaching Assistant University of Florida College of Pharmacy, Gainesville, Florida	July 2018-June 2019
Clinical Pharmacist Dell Seton Medical Center at The University of Texas, Austin, Texas	July 2017-June 2018
Adjunct Faculty University of Texas College of Pharmacy, Austin, Texas	July 2017-June 2018
Pharmacy Intern Walgreens Pharmacy (Formerly Kerr Drug), Durham, North Carolina	June 2013-May 2017
Certified Pharmacy Technician Co-Op Supermarket and Pharmacy, Greenbelt, Maryland	February 2012-May 2013
Research Assistant University of Maryland, College Park, Maryland	June-December 2011
Teaching Assistant University of Maryland, College Park, Maryland	January-May 2011

EDUCATION AND PROFESSIONAL TRAINING

PGY2 Clinical Pharmacogenomics Residency University of Florida College of Pharmacy, Gainesville, Florida	June 2019
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PGY1 Pharmacy Practice Residency Seton Healthcare Family, Austin, Texas	June 2018
Doctor of Pharmacy, with distinction University of North Carolina Eshelman School of Pharmacy, Chapel Hill, North Carolina	May 2017
Bachelor of Science Biological Sciences University of Maryland, College Park, Maryland	May 2012

LICENSURE and CERTIFICATIONS

Graduate Certificate in Implementation Science University of Florida College of Medicine	May 2022
Leadership Development Program University of Florida College of Pharmacy	June 2021
Team Based Learning Certificate University of Florida College of Pharmacy	August 2020
Board Certified Pharmacotherapy Specialist Board of Pharmacy Specialties	December 2018
Registered Pharmacist; PS57931 Florida Board of Pharmacy	July 2018
Pharmacy Teaching Certificate University of Texas College of Pharmacy	May 2018
Registered Pharmacist; 27669 North Carolina Board of Pharmacy	April 2018
Sterile Compounding and Aseptic Technique Texas Society of Health System Pharmacists	August 2017
Delivering Medication Therapy Management Services American Pharmacist Association	April 2016
Pharmacy-Based Immunization Delivery Certification American Pharmacist Association	March 2014

TEACHING

Course Coordinator

University of Florida College of Pharmacy PHA6935: Case Studies in Clinical Pharmacogenomics	Spring 2021
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Jacksonville Campus Coordinator

University of Florida College of Pharmacy, Jacksonville, Florida PHA5164L: Professional Practices Skills Lab IV	2020-2021
PHA5163L: Professional Practices Skills Lab III	2019-2020

Research Mentor

University of Florida College of Pharmacy, Jacksonville, Florida
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PHA5907: Research Elective, KP, PharmD Candidate 2025	Fall 2023
PHA5907: Research Elective, KW, PharmD Candidate 2026	Fall 2023
PHA5907: Research Elective, IM, PharmD Candidate 2025	Fall 2023
PHA5907: Research Elective, MM, PharmD Candidate 2023	Spring 2022
PHA5907: Research Elective, MM, PharmD Candidate 2023	Fall 2021
PHA5907: Research Elective, JK, PharmD Candidate 2023	Fall 2020
PHA5907: Research Elective, LP, PharmD Candidate 2023	Fall 2020

Teaching Assistant/Facilitator

University of Florida College of Pharmacy	
PHA5166L: Professional Practices Skills Lab VI	2019-Present
PHA5164L: Professional Practices Skills Lab IV	2019-Present
PHA5163L: Professional Practices Skills Lab III	2018-Present
PHA5956: Foundations of Clinical Pharmacy Practice	Summer 2020
PHA5759: APPE Readiness	2020-Present
University of Texas College of Pharmacy, Austin, Texas	
PHM 184P: Pharmacotherapeutics II Lab	Spring 2018
University of Maryland, College Park, Maryland	
CHEM132: Organic Chemistry II Lab	Spring 2011

Lecturer

University of Florida College of Pharmacy, Gainesville, Florida	
PHA5789C: Patient Care 7: Brain & Behavior	Spring 2024
<i>Personalized Medicine and Antipsychotics</i>	
<i>Personalized Medicine and Antidepressants</i>	
<i>Personalized Medicine and Anxiolytics and ADHD</i>	
PHA5012: Clinical Applications of Personalized Medicine	2019-2020
<i>Infectious Diseases Pharmacogenomics</i>	
PHA4933: Medications and Health	Spring 2019
<i>Pharmacogenomics – Using DNA to Tailor Medication Therapy</i>	
University of Texas College of Pharmacy, Austin, Texas	
PHM 182R: Hospital Pharmacy	Fall 2017
<i>Hospital Pharmacy and Residencies</i>	

Continuing Education

Florida Society of Health-System Pharmacists 2022 Ambulatory Care Meeting	October 2022
<i>Being Uniquely You: Pharmacogenomics in Ambulatory Care</i>	
UF Implementing Pharmacogenomics into Clinical Practice Certificate	August 2022
<i>Clinical Implementation of Pharmacogenomics</i>	
Pediatric Pharmacy Association CE Webinar	October 2021
<i>Pharmacogenomics and Sickle Cell Disease</i>	
Florida Society of Health-System Pharmacists 2021 Annual Meeting	August 2021
<i>Pharmacogenomics: Focus on Clinical Implementation</i>	
UF Implementing Pharmacogenomics into Clinical Practice Certificate	August 2020
<i>Clinical Implementation of Pharmacogenomics</i>	
Nemours Children's Hospital, Orlando, Florida	April 2020
<i>Implications and Implementation of Pharmacogenomics at Nemours</i>	
Wolfson Children's Hospital, Jacksonville, Florida	January 2020

Implications and Implementation of Pharmacogenomics at Nemours

Duval County Pharmacists Association, Jacksonville, Florida <i>Pharmacogenomics in Primary Care</i>	October 2019
University of Texas College of Pharmacy, Austin, Texas <i>Clopidogrel and CYP2C19 in Acute Coronary Syndromes: Should Pharmacogenetic Testing be Standard of Care?</i>	September 2017
WakeMed Hospital, Raleigh, North Carolina <i>Medication Management in the Post-Bariatric Surgery Patient</i>	September 2016

PRECEPTING

PGY2 Clinical Pharmacogenomics Resident Rotation , Nemours Children's Health Primary Preceptor: n=3	2021-Present
PGY2 Grand Rounds Presentation Mentor , Baptist Medical Center Becka Anton, PharmD – <i>Pharmacogenomics and ADHD Treatment</i>	2020
APPE Pediatric Pharmacogenomics Rotation , Nemours Children's Health Primary Preceptor: n=17 Co-Preceptor: n=12	2021-Present 2021-Present

PUBLICATIONS

Peer Reviewed Journals

Cook KJ, Grusauskas V, Gloe L, Duong BQ, Gresh RC, Kolb EA, Bansal M, Bechtel AS, Nagasubramanian R, Kirwin SM, Blake KV, Seligson ND. Comparison of Variants in TPMT and NUDT15 Between Sequencing and Genotyping Methods in a Multi-State Pediatric Institution. *Clin Transl Sci*. 2023 Aug;16(8):1352-1358. PMID: 37415296.

Cavallari L, Cicali EJ, Wiisanen K, Fillinghim R, Hrishikesh C, Myers R, Blake KV, Asiyanbola B, Baye J, Bronson W, **Cook KJ**, Elwood E, Gray C, Gong Y, Hines L, Kannry J, Kucher N, Lynch S, Nguyen K, Oben A, Pratt V, Prieto H, Ramos M, Sadeghpour A, Singh R, Rosenman M, Starostik P, Thomas CD, Tillman E, Dexter P, Horowitz C, Orlando L, Peterson J, Skaar T, Van Driest S, Volpi S, Voora D, Parvataneni H, Johnson JA. Implementing a Pragmatic Clinical Trial to Tailor Opioids for Acute Pain on behalf of the IGNITE ADOPT PGx Investigators. *Clin Transl Sci*. Oct 2022;15(10):2479-2492. PMID: 25899435.

King K, Davis HE, Moorman-Li R, **Cook KJ**, Seligson ND. Development of a Campus-Wide Community Service Initiative During a Pandemic. *Pharmacy (Basel)*. 2022 Apr 19;10(3):47. PMID: 35645326.

Cicali EJ, Elchynski AL, **Cook KJ**, Houder JT, Thomas CD, Smith DM, Elsey A, Johnson JA, Cavallari LH, Wiisanen K. How to Integrate CYP2D6 Phenoconversion into Clinical Pharmacogenetics: A Tutorial. *Clin Pharmacol Ther*. 2021 Sep;110(3):677-687. PMID: 34231197.*

*Received Outstanding Publication in Clinical Practice Award from UF College of Pharmacy May 2022

Cook KJ, Duong BQ, Seligson ND, Arn P, Funanage VL, Gripp KW, Kirwin SM, Lawless ST, Lee MM, Robbins KM, West D, Blake KV. Key Considerations for Selecting a Genomic Decision Support Platform for Implementing Pharmacogenomics. *Clin Pharmacol Ther*. 2021 Sep;110(3):555-558. PMID 3425671.

Cicali EJ, **Cook KJ**, Arwood MJ, Elchynski A, Wiisanen K. Competency-Based Clinical Pharmacogenomics Activities During an Advanced Pharmacy Practice Experience (APPE). *J Am Coll Clin Pharm*. 2020 Nov 17;4(1):60-70.

Lee CR, Thomas CD, Beitelshes AL, Tuteja S, Empey PE, Lee JC, Limdi NA, Duarte JD, Skaar TC, Chen Y, **Cook KJ**, Coons JC, Dillon C, Franchi F, Giri J, Gong Y, Kreutz RP, McDonough CW, Stevenson JM, Weck KE, Angiolillo DJ, Johnson JA, Stouffer GA, Cavallari LH; IGNITE Network Pharmacogenetics Working Group. Impact of the CYP2C19*17 Allele on Outcomes in Patients Receiving Genotype-Guided Antiplatelet Therapy After Percutaneous Coronary Intervention. *Clin Pharmacol Ther*. 2021 Mar;109(3):705-715. PMID 32897581.

Marrero RJ, Cicali EJ, Arwood MJ, Eddy E, DeRemer D, Ramnarain BH, Daily KC, Jones D Jr, **Cook KJ**, Cavallari LH, Wiisanen KW, Langae T, Newsom KJ, Starostik P, Clare-Salzer MJ, Johnson JA, George TJ, Cooper-DeHoff RM (in press). How to Transition from Single Gene Pharmacogenetic Testing to Preemptive Panel-Based Testing: A Tutorial. *Clin Pharmacol Ther*. 2020 Sep;108(3):557-565. PMID 32460360.

Arwood MJ, Dietrich EA, Duong BQ, Smith DM, **Cook K**, Elchynski A, Rosenberg EI, Huber KN, Nagoshi YL, Wright A, Budd JT, Holland NP, Maska E, Panna D, Elsey AR, Cavallari LH, Wiisanen K, Johnson JA, Gums JG. Design and Early Implementation Successes and Challenges of a Pharmacogenetics Consult Clinic. *J Clin Med*. 2020 Jul 17;9(7):2274. PMID: 32708920.

Duong BQ, Arwood MJ, Hicks JK, Beitelshes AL, Franchi F, Houder JT, Limdi NA, **Cook KJ**, Owusu Obeng A, Petry N, Tuteja S, Elsey AR, Cavallari LH, Wiisanen K. Development of Customizable Implementation Guides to Support Clinical Adoption of Pharmacogenomics: Experiences of the Implementing GeNomics In practice (IGNITE) Network. *Pharmacogenomics Pers Med*. 2020 Jul 17;13:217-226. PMID 32765043.

Book Chapters

Cicali EJ*, **Cook KJ***. Pharmacogenomics. In Whalen K, Lerchenfeldt S, Giordano C, eds. *Lippincott's Illustrated Reviews – Pharmacology (8th ed)*. Philadelphia, PA: Lippincott Williams & Wilkins; 2023.

*Authors contributed equally

Weitzel K, **Cook K**. Ch 5. Implementation of Pharmacogenomics Across Practice Settings. In Kisor DF, Bright DR, Smith TR, Wiisanen K, eds. *Pharmacogenomics: Foundations, Competencies, and the Pharmacists' Patient Care Process, 2nd Edition*. Washington, DC: American Pharmacists Association; 2020.

Wiisanen K, **Melloy K**. Ch 5. Implementation of Pharmacogenomics Across Practice Settings. In Kisor DF, Bright DR, Smith TR, Wiisanen K, eds. *Pharmacogenomics: Foundations, Competencies, and the Pharmacists' Patient Care Process*. Washington, DC: American Pharmacists Association; 2020.

Abstracts

Phipps L, Seligson N, Duong B, Kirwin S, Blake K, **Cook K**. Genotype and Phenotype Frequencies of TPMT and NUDT15 in Pediatric Patients Measured by Sanger Sequencing. *Clin Pharmacol Ther*. Mar 2022;111(S1):S40. (P-133).

Cook K, Duong B, Singh D, Smith D, Dietrich E, Johnson J, Wiisanen K, Gums J, Arwood M. Patient Perceptions of Pharmacogenetic Testing in a Primary Care Setting. *Clin Pharmacol Ther*. Mar 2021;109(S1):S50. (PIII-021).

Cicali E, Elwood E, Elchynski A, Rattanasuwan T, **Cook K**, Alam B, Nguyen K, Elsey A, Cavallari L, Johnson J, Wiisanen K. The University of Florida Health Precision Medicine Program: a 10-Year Look Back. *Clin Pharmacol Ther*. Mar 2021;109(S1):S50. (PIII-020).

Cicali EJ, **Cook KJ**, Arwood MJ, Staley B, Thomas CD, 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(S1): S57. (PII-079).*

*Abstract was recognized as a high-quality abstract and was chosen for a Top Poster Ribbon

Non-Refereed

Cook KJ, Duong BQ. New Clinical Pharmacogenomics Service Launches at Nemours. *Under the Lens*. March 2020.

Arwood MJ*, Cicali EJ*, **Melloy KJ***, Schuh M*. FSHP Position Statement: Clinical Pharmacogenomics. 2019.

*Contributed equally

PROFESSIONAL PRESENTATIONS

Invited Presentations

Cook KJ. Career Pathway in Pharmacogenomics - Careers Roundtable Workshop. August 2023. Florida Society of Health-System Pharmacists Summer Meeting. Orlando, FL; *Facilitator/presenter*.

Cook KJ and Seligson ND. *TPMT/NUDT15* and Mercaptopurine - Case Presentation. February 2023. University of Minnesota PGx ECHO Case Series. Virtual. *Co-presenter*.

Cook KJ. Being Uniquely You: Pharmacogenomics in Ambulatory Care. October 2022. Florida Society of Health-System Pharmacists 2022 Ambulatory Care Meeting. Tampa, FL. *Primary presenter*.

Cook KJ. Case Studies in CYP2D6 Phenoconversion. September 2022. University of Minnesota Pharmacogenomics Conference: Pharmacogenomics and the Path to Higher-Value HealthCare. Virtual. *Primary presenter*.

Cook KJ. Pharmacogenomics: Focus on Clinical Implementation. August 2021. Florida Society of Health-System Pharmacists 2021 Annual Meeting. Orlando, FL; *Primary presenter*.

Cicali EJ, **Cook KJ**. Application of Pharmacogenomics Patient Cases Utilizing a Learning Electronic Health Record in a Third Year Pharmacy Skills Lab. June 2021. American Association of College of Pharmacy 2021 Pharmacogenomics SIG Business Meeting. Virtual; *Primary presenter*.

Cook KJ. Implementing a Clinical Pharmacogenomics Service at a Multi-State Pediatric Health System – Panelist for Precision Medicine Insights: Pharmacogenomics Implementation. March 2021. University of Florida College of Pharmacy, Virtual; *Primary presenter*.

National Conferences, Oral Presentations

Melloy K, Smith L, Tolentino-Padilla E. Evaluation of Chemotherapy Induced Nausea and Vomiting (CINV) Control in Patients Receiving Carboplatin AUC ≥ 4 Compared to Irinotecan and Oxaliplatin-Based Chemotherapy Regimens. April 2018. Ascension Resident Research Day. Virtual; *Primary presenter*.

International and National Conferences, Poster Presentations

Zorrilla J[‡], Bansal M, Gauger C, Miller R, **Cook K**. CYP2D6 Allele and Phenotype Frequencies in Children with Sickle Cell Disease Taking Hydrocodone. May 2023. American Society of Pediatric Hematology/Oncology Conference. Fort Worth, TX. *Author/contributor*.

Miller ML[‡], Seligson ND, Duong BQ, Blake KV, **Cook KJ**. Use of Psychotropic Medications with Pharmacogenomic Implications at a Multi-State Pediatric Health System. December 2022. American Society of Health-Systems Pharmacists Midyear Clinical Meeting. Las Vegas, NV. *Author/contributor*.

Cook KJ, Duong BQ, Seligson ND, Arn P, Funanage VL, Gripp KW, Kirwin SM, Lee MM, West D, Blake KV. Institutional Profile: Nemours Children's Health Clinical Pharmacogenomics Service. May 2022. CPIC Meeting 2022. Denver, Colorado; *Primary presenter*.

Duong BQ, **Cook KJ**, Seligson ND, Arn P, Funanage VL, Gripp KW, Kirwin SM, Lee MM, West D, Blake KV. Clinical Pharmacogenomics Service Consultations at a Multi-State Pediatric Health System. May 2022. CPIC Meeting 2022. Denver, Colorado; *Author/contributor*.*

*Received PGRN Presidential Poster Award.

Phipps L[‡], Seligson ND, Duong BQ, Kirwin S, Blake KV, **Cook KJ**. Genotype and Phenotype Frequencies of *TPMT* and *NUDT15* in Pediatric Patients Measured by Sanger Sequencing. March 2022. ASCPT Annual Meeting 2022. Virtual; *Author/contributor*.

Caneus R[‡], Duong BQ, Seligson ND, Blake KV, **Cook KJ**. Prescribing Trends of Psychiatric Medications with Pharmacogenomic Implications in Patients Treated at Nemours Children's Health. December 2021. ASHP Midyear Clinical Meeting 2021. Virtual; *Author/contributor*.

Surajbali D[‡], **Cook KJ**, Duong BQ. Clinical Pharmacogenomic (PGx) Panel Testing for Methotrexate-Induced Hepatotoxicity and Incidental Findings. December 2021. ASHP Midyear Clinical Meeting 2021. Virtual; *Author/contributor*.

Cook KJ, Duong BQ, Singh D, Smith DM, Dietrich EA, Johnson JA, Wiisanen K, Gums JG, Arwood MJ. Patient Perceptions of Pharmacogenetic Testing in a Primary Care Setting. March 2021. American Society of Clinical Pharmacology and Therapeutics 2021 Annual Meeting. Virtual; *Primary presenter*.

Cicali EJ, Elwood E, Elchynski A, Rattanasuwan T, **Cook KJ**, Alam B, Nguyen K, Elsey A, Cavallari LH, Johnson JA, Wiisanen K. The University of Florida Health Precision Medicine Program: a 10-Year Look Back. March 2021. American Society of Clinical Pharmacology and Therapeutics 2021 Annual Meeting. Virtual; *Author/contributor*.

Cera A, Naik H, Wasserman RM, Duong B, Owusu Obeng A, **Cook KJ**, Seligson N, Cody N, Funanage VF, Blake KV, Scott SA. Clinical Pharmacogenomic Test Reporting Preferences Among Adult and Pediatric Providers. October 2020. American Society of Human Genetics 2020 Annual Meeting. Virtual; *Author/contributor*.

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. October 2020. Pharmacogenomics Research Network 2020 Annual Meeting. Virtual; *Author/contributor*.*

*Received Honorable mention

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. February 2020. UF Precision Medicine Conference, Orlando, Florida; *Primary presenter, encore*.

Cicali EJ, **Cook K**, Smith DM, Elchynski A, Johnson JA, Cavallari LH, Wiisanen K. Development of an Algorithm to Calculate Clinical CYP2D6 Phenoconversion in Practice. October 2019. ACCP Annual Meeting, New York, New York; *Author/contributor*.

Stabley D, Holbrook J, Vinette K, Hirata L, Pannah N, **Cook KJ**, Duong BQ, Kirwin S, Robbins K, Funanage VL, Blake K. Team Based Implementation of a Pharmacogenomics Pipeline at Nemours Children's Health System. November 2019. MAD SSCI and NERLSCD Joint Meeting, Philadelphia, Pennsylvania; *Author/contributor*.

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. April 2019. CPIC Annual Meeting, Memphis, Tennessee; *Primary presenter*.

Melloy K, Duong BQ, Smith DM, Dietrich EA, Arwood M. Patient Attitudes and Beliefs About Pharmacogenetics within a Pharmacogenetic Consult Clinic in a Primary Care Setting. February 2019. UF Precision Medicine Conference, Orlando, Florida; *Primary presenter*.

Melloy K, Smith L, Tolentino-Padilla E. Evaluation of chemotherapy induced nausea and vomiting (CINV) control in patients receiving carboplatin AUC ≥ 4 compared to irinotecan and oxaliplatin-based chemotherapy regimens. December 2017. Midyear Clinical Meeting of the American Society of Health System Pharmacists, Orlando, Florida; *Primary presenter*.

Balogun S, **Melloy K**, Gregory P. Assessment of pharmacist driven diabetes care in severely uncontrolled populations. December 2016. Midyear Clinical Meeting of the American Society of Health System Pharmacists, Las Vegas, Nevada; *Co-presenter*.

Local, Poster Presentations

Kirwin SM, Vinette KMB, Steele C, Stabley D, Funanage VL, Gripp KW, **Cook KJ**, Duong BQ. Pediatric Pharmacogenomics and Its Application in Clinical and Translational Research. May 2023. 2nd Annual Nemours Children's Health Research Week. Wilmington, DE. *Author/contributor*.

Cook KJ, Duong BQ, Seligson ND, Ormston L, Arn P, Funanage VL, Gripp KW, Kirwin S, Lee MM, West D, Blake KV. Institutional Profile: Nemours Children's Health Clinical Pharmacogenomics Service. May 2023. 2nd Annual Nemours Children's Health Research Week. Jacksonville, FL. *Primary presenter*.

Duong BQ, **Cook KJ**, Seligson ND, Arn P, Funanage VL, Gripp KW, Kirwin SM, Lee MM, West D, Blake KV. Clinical Pharmacogenomics Service Consultations at a Multi-State Pediatric Health System. May 2022. Nemours Children's Health Pediatric Scientific Research Week. Orlando, Florida; *Co-presenter*.

Caneus R[±], Duong BQ, Seligson ND, Blake KV, **Cook KJ**. Prescribing Trends of Psychiatric Medications with Pharmacogenomic Implications in Patients Treated at Nemours Children's Health. May 2022. Nemours Children's Health Pediatric Scientific Research Week. Orlando, Florida; *Primary presenter, encore*.

Phipps L[±], Seligson ND, Duong BQ, Kirwin S, Blake KV, **Cook KJ**. Genotype and Phenotype Frequencies of *TPMT* and *NUDT15* in Pediatric Patients Measured by Sanger Sequencing. May 2022. Nemours Children's Health Pediatric Scientific Research Week. Orlando, Florida; *Primary presenter*.

Kim JH[±], Seligson ND, Duong BQ, Blake KV, **Cook KJ**. Pharmacogenomic Medication Use in Pediatric Patients with Sickle Cell Disease at Nemours. May 2022. Nemours Children's Health Pediatric Scientific Research Week. Orlando, Florida; *Primary presenter, encore*.

[±]Denotes PharmD student or fellow whom I mentored

Local, Educational Presentations

Pharmacogenomics – Presented to PharmD students at APhA local chapter meeting. September 2023. University of Florida College of Pharmacy, Jacksonville, FL; *Primary presenter*.

Pharmacogenomics Career Path – Presented to PharmD students at APhA local chapter meeting. October 2022. University of Florida College of Pharmacy, Gainesville, FL; *Primary presenter*.

Pharmacogenomics – Presented to PharmD students at APhA local chapter meeting. September 2019. University of Florida College of Pharmacy, Jacksonville, FL; *Primary presenter*.

Pharmacogenomics – Presented to PharmD students at Pathways to Pharmacy Careers event. September 2019. University of Florida College of Pharmacy, Gainesville, FL; *Primary presenter*.

Pharmacogenetics – Presented to primary care physicians. February 2019. UF Health Internal Medicine – Springhill, Gainesville, Florida; *Primary presenter*.

Pharmacogenetics in Treatment of Pain and Depression: A Patient Case - Presented to pharmacists, researchers, and trainees. October 2018. University of Florida College of Pharmacy, Gainesville, Florida; *Primary presenter.*

Pharmacogenetics and Major Depressive Disorder – Presented to pharmacists, residents, and students. March 2017. WakeMed Hospital, Raleigh, North Carolina; *Primary presenter.*

PROFESSIONAL ORGANIZATIONS

Pharmacogenomics Global Research Network (PGRN)	2023-Present
• PGRN Implementation Working Group, 2023-present	
Pediatric Pharmacy Association (PPA)	2020-Present
• Pharmacogenomics SIG	
Florida Pharmacy Association (FPA)	2020-Present
• Professional Affairs Committee, 2023-present	
• House of Delegates, 2020, 2022, 2023	
Duval Country Pharmacy Association (DCPA)	2019-Present
• Chairmen of the Board, 2024	
• President, 2023	
• President Elect, 2022	
• Secretary, 2020 - 2022	
Clinical Pharmacogenetics Implementation Consortium (CPIC)	2019-Present
American Association of Colleges of Pharmacy (AACP)	2019-Present
American Society for Clinical Pharmacology and Therapeutics (ASCPT)	2019-2021
Phi Delta Chi Professional Pharmacy Fraternity (PDC)	Joined 2013
P.E.O. Sisterhood	Joined 2010
Phi Sigma Pi National Honor Fraternity	Joined 2009

AWARDS

2023 University of Florida College of Pharmacy Teaching and Service Award

2023 Nemours Research Excellence Award

2023 Florida Pharmacy Association Local Unit Recognition Award: Membership – *awarded to Duval County Pharmacy Association during my time as president*

2022 Florida Pharmacy Association Local Unit Recognition Award: Continuing Education – *awarded to Duval County Pharmacy Association during my time as secretary responsible for managing the CE programming*

2021 American Association of Colleges of Pharmacy (AACP) Pharmacogenomics Special Interest Group (SIG) Innovations in Teaching Award, *junior faculty category co-recipient*

SERVICE

Professional Service

Manuscript Reviews: <i>Journal of Precision Medicine, Pharmacogenomics, Journal of Personalized Medicine, Pediatric Blood and Cancer, American Journal of Health-System Pharmacy</i>	2021-Present
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University of Florida College of Pharmacy Service

Well-Being and Resiliency Committee	2023-Present
Scholarship and Awards Committee	2021-Present
SSHP Co-Faculty Advisor, Jacksonville Campus	2019-Present
KE Co-Faculty Advisor, Jacksonville Campus	2019-Present
PharmD Student Academic Advisor, (n=19)	2019-Present
Dean Search Advising Group	2022
ACPE Comprehensive Evaluation Individual Faculty Interview	2020
Jacksonville Faculty Search Committee	2019