
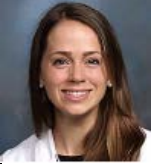



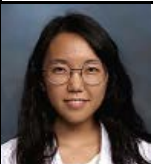
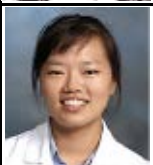

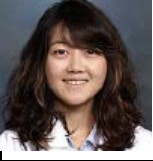
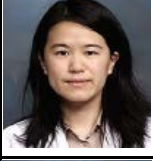
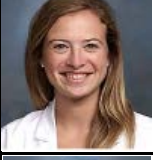






RASP Program: Current Students, Faculty Mentors, Division, and Range of Project Types

Student FN	Student LN	Division	Faculty FN	Faculty LN	Photo	Project Title	Project Type
Bemnat	Agegnehu	DPET	Gauri	Rao		Understanding resistance mechanisms in <i>Pseudomonas aeruginosa</i> in efforts to optimize antibiotic therapy	Translational
Rachel	Black	DPET	Craig	Lee		Evaluating the projected impact of <i>CYP2C19</i> and panel based pharmacogenomic testing on optimizing medication use in a real-world population of coronary artery disease patients	Clinical
Emily	Boesch	Medicine	Rick	Meeker		Neuroprotective effects of cannabinoid ligands in a model of early Alzheimer pathogenesis	Basic/Preclinical
Henry	Clark	DPOP	Betsy	Sleath		Misuse of Asthma Medications by Adolescents	Behavioral
Vineet	Gopinathan	DPET	Tim	Wiltshire		Implementing Pharmacogenomics in the UNC Outpatient Psychiatry Clinic	Clinical
Jinah	Han	PACE	Sachiko	Ozawa		Health and Economic Impact of Substandard or Falsified Antimalarials in Myanmar	Health Services, Epidemiologic
Jenny	Jin	DPMP	Elena	Batrakova		Macrophage-Derived Exosomes for the Delivery of GDNF in Parkinson's Disease	Basic/Preclinical




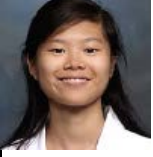
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Ashley	Kang	PACE	Heidi	Anksorus		Pharmacist Wellness and Mental Health Analysis	Behavioral
Christine	Ko	PACE	Stefanie	Ferreri		Interdisciplinary Collaboration: Primary Care Providers' Perspectives on Communication with Community Pharmacists	Health Services
Yiwei	Lu	PACE	Sachiko	Ozawa		Health and Economic Impact of PCV in Controlling Antimicrobial Resistance in China	Health Services, Epidemiologic
Carolyne	Ma	PACE	Jacqui	McLaughlin		Automated Case-Generation Tool using Machine Learning	Educational
Erin	Mays	PACE	Ashley	Marx		Evaluation of Adverse Drug Reactions due to Beta Lactam Therapy Among Patients Enrolled in an Outpatient Parenteral Antimicrobial Therapy (OPAT) Program	Clinical
Bobbie	Nguyen	DPOP	Jennifer	Elston Lafata		Patient-Clinician Communication Regarding Oral Anti-Cancer Medications	Health Services, Quality Improvement
Marylou	Nicolazzo	PACE-AVL	Elizabeth	Michalets		Identification of Patient Specific Characteristics associated with MRSA Colonization	Clinical, Quality Improvement

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Adam	O'Neil	PACE	Melanie	Livet		Facilitating Medication Optimization Interventions through Implementation Readiness	Health Services
Joseph	Piscitelli	DPET	Gauri	Rao		Development and in silico qualification of new adaptive feedback control algorithms for daptomycin	Method Development and Validation, Translational
Spenser	Smith	DPET	Craig	Lee		Evaluating the impact of pregnancy-induced hormones on the metabolism of a novel treatment for preeclampsia	Basic/Preclinical
Andrew	Tiemann	DPET	Daniel	Crona		c-KIT Modulated Macrocytosis as a Biomarker of Tyrosine Kinase Inhibitor Treatment Efficacy	Translational
Kevin	Tran	DPET	Gauri	Rao		Polymyxin Based Combinations Targeting Multi-Drug Resistant <i>Pseudomonas aeruginosa</i>	Translational
Evan	White	DPET	Herbert	Patterson		Pharmacokinetic Population Modeling of Direct Oral Anticoagulants (DOACs) in Frail Patients	Clinical
Emily	Wings	DPET	Julie	Dumond		Interaction of Nucleoside Reverse Transcriptase Inhibitor Pharmacology and Aging in the Multicenter AIDS Cohort Study	Translational

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Student FN	Student LN	Division	Faculty FN	Faculty LN	Photo	Project Title	Project Type
Ivy	Xue	DPET	Tim	Wiltshire		Pharmacogenomic-guided Tacrolimus Dosing in Kidney Transplant Patients	Clinical
Yanying	Yang	DPET	Adam	Persky		Impact of note-taking on student learning	Educational
Shengmei	Yin	DPET	Andrew	Lucas		The Retrospective Analysis of the Use of Pregabalin or Gabapentin on the Rates of Pegfilgrastim-induced Bone Pain	Clinical
Linda	Zheng	CBMC	Qisheng	Zhang		Enhancing the Solubility and Identification of Protein Targets of D8, a Host-Direct Therapeutic for Antibacterial Growth	Basic/Preclinical