

## Pharmacy Resident Research Grant Past Recipients

### 2024

<p><i>Impact of Applying a Novel Approach to Team-based Diabetes Care on Patient's A1C at a Community Health Center When Social Determinants of Health May Be a Barrier to Achievement of Glucose Control</i></p> <ul style="list-style-type: none"> <li>• <b>Amy Bibik, PharmD, principal investigator</b></li> <li>• Robert Griffith, PharmD, senior investigator</li> </ul> <p>Terry Reilly Health Services</p>	<p><i>How Judicious is Penicillin G Benzathine Use in Response to a Medication Shortage Alert?</i></p> <ul style="list-style-type: none"> <li>• <b>William Campillo Terrazas, PharmD, MPH, principal investigator</b></li> <li>• Michael P. Veve, PharmD, MPH, senior investigator</li> </ul> <p>Henry Ford Hospital</p>	<p><i>Impact of a Pharmacist-Led Employee Wellness Hypertension Clinic Utilizing Remote Monitoring Devices</i></p> <ul style="list-style-type: none"> <li>• <b>Megan Gushrowski, PharmD, principal investigator</b></li> <li>• Michael J. Rush, PharmD, MBA, BCACP, CDCES, NCT, senior investigator</li> </ul> <p>Ohio Northern University HealthWise</p> <p><i>This grant was funded in part by the ASHP Foundation's Dwight R. Tousignaut Memorial Fund.</i></p>
<p><i>Pharmacist-Led Intervention Study for Improving Medication Adherence and Health Outcomes in a Rural Population of Patients with COPD</i></p> <ul style="list-style-type: none"> <li>• <b>Keith Hughes, PharmD, principal investigator</b></li> <li>• Karen S. Williams, PharmD, BCPS-AQ ID, senior investigator</li> </ul> <p>Guthrie Robert Packer Hospital</p>	<p><i>Implementation of Antibiotic Stewardship Program in a Rural Clinic and Clinical Impact</i></p> <ul style="list-style-type: none"> <li>• <b>Anthony Pinto, PharmD, MS, principal investigator</b></li> <li>• Arinze N. Okere, PharmD, MS, MBA, BCPS, BCCP, senior investigator</li> </ul> <p>Florida A&amp;M University College of Pharmacy and Pharmaceutical Sciences, Community Health Northwest Florida</p>	<p><i>Electronic Health Record Outreach with Pharmacist Support to Address Medication Adherence in Medicare Advantage Enrollees</i></p> <ul style="list-style-type: none"> <li>• <b>Natasha Virrueta, PharmD, principal investigator</b></li> <li>• Valerie Valdiviez, PharmD, BCPS, senior investigator</li> </ul> <p>University of Colorado Skaggs School of Pharmacy</p>
<p><i>Achievement of Low-Density Lipoprotein Cholesterol (LDL-C) Thresholds in Patients with Very High-Risk Atherosclerotic Cardiovascular Disease (ASCVD)</i></p> <ul style="list-style-type: none"> <li>• <b>Elisa Worledge, PharmD, principal investigator</b></li> <li>• Joseph Saseen, PharmD, BCPS, BCACP, senior investigator</li> </ul> <p>University of Colorado Skaggs School of Pharmacy</p>		

## Pharmacy Resident Research Grant Past Recipients

### 2023

<p><i>A Retrospective Case Control Study: Opioid Overdose Rates and Buprenorphine Distribution to Retail Pharmacies by Zip Code in California</i></p> <ul style="list-style-type: none"> <li>• <b>Nisha Bhavsar, PharmD, principal investigator</b></li> <li>• David Dadiomov, PharmD, BCPP, senior investigator</li> </ul> <p>University of Southern California School of Pharmacy</p>	<p><i>Establishing a Pharmacist-Managed Rural Outpatient Oral Chemotherapy Program: A Pilot Study</i></p> <ul style="list-style-type: none"> <li>• <b>Isabel Bonarrigo-Burton, PharmD, principal investigator</b></li> <li>• Cassie Degen, PharmD, senior investigator</li> </ul> <p>Lima Memorial Hospital</p>	<p><i>Effect of a Pharmacist Run Clinic On Time to Disease State Management in Patients Provided With Necessary Home Monitoring Tools and Regular Follow-Up for Education and Medication Management</i></p> <ul style="list-style-type: none"> <li>• <b>Madison Gilbert, PharmD, principal investigator</b></li> <li>• Joseph W. Glovacz, PharmD, BS, BCACP, senior investigator</li> </ul> <p>Ascension Sacred Heart Medical Group</p>
<p><i>Impact of Social Determinants of Health On Preferred Treatment of Trichomonas Vaginalis and Chlamydia Trachomatis: Defining the Pharmacist's Role</i></p> <ul style="list-style-type: none"> <li>• <b>Christen Langley, PharmD, MLS (ASCP), principal investigator</b></li> <li>• Michael P. Veve, PharmD, MPH, senior investigator</li> </ul> <p>Henry Ford Health</p>	<p><i>Impact of Pharmacist-Mediated Refill Authorization Program On Proton Pump Inhibitor (PPI) Deprescribing Success Rates</i></p> <ul style="list-style-type: none"> <li>• <b>Elizabeth Salisbury, PharmD, RPh, principal investigator</b></li> <li>• Alissa Margraf, PharmD, BCACP, CDOE, senior investigator</li> </ul> <p>Rhode Island Hospital</p>	<p><i>Impact of Anaerobic Coverage On Clinical Outcomes In Patients With Suspected Aspiration Pneumonia</i></p> <ul style="list-style-type: none"> <li>• <b>Sara Schimmoeller, PharmD, RPh, principal investigator</b></li> <li>• Kasie Landin, PharmD, RPh, BCIDP, senior investigator</li> </ul> <p>Lima Memorial Hospital</p>
<p><i>Assessing the Impact of a Pharmacist-Driven Remote Patient Monitoring Program Utilizing Smart Devices On Adult Patients With Hypertension or Diabetes Within a Rural Health Program</i></p> <ul style="list-style-type: none"> <li>• <b>Merna Tawadrous, PharmD, principal investigator</b></li> <li>• Jessica Hinson, PharmD, BCACP, NCTTP, senior investigator</li> </ul> <p>Ohio Northern University</p>		

## Pharmacy Resident Research Grant Past Recipients

### 2022

<p><i>Closing the Gap in Health Disparities and Improving Health Outcomes: Evaluation of a Single Center Expansion of Continuous Glucose Monitor Access in Patients With Type 2 Diabetes</i></p> <ul style="list-style-type: none"> <li>• <b>Chieh (Jen) Chen, PharmD, principal investigator</b></li> <li>• Elizabeth (Lisa) Phillips, PharmD, BAAP, BCACP, CACP, senior investigator</li> </ul> <p>State University of New York (SUNY) Upstate Medical Center</p>	<p><i>Pharmacogenetic Evaluation of Hospitalized Patients Requiring Naloxone Administration</i></p> <ul style="list-style-type: none"> <li>• <b>Justin Grahl, PharmD, principal investigator</b></li> <li>• William Peppard, PharmD, BCPS, FCCM, senior investigator</li> </ul> <p>Froedtert Health and the Medical College of Wisconsin</p>	<p><i>Pharmacist-Led Tobacco Treatment Services to Increase Nicotine Replacement Therapy Access at a Large Rural Academic Medical Center</i></p> <ul style="list-style-type: none"> <li>• <b>Erin McMahan, PharmD, principal investigator</b></li> <li>• Kara Piechowski, PharmD, senior investigator</li> </ul> <p>J.W. Ruby Memorial Hospital</p>
<p><i>Leveraging Patient Volume and Drug Shortage Modeling to Develop a Proactive and Innovative Pharmacy Supply Chain Management Strategy</i></p> <ul style="list-style-type: none"> <li>• <b>Gregory Norsten, PharmD, principal investigator</b></li> <li>• Mary-Haston Vest, PharmD, MS, BCPS, senior investigator</li> </ul> <p>University of North Carolina (UNC) Health</p>	<p><i>Assessing the Impact of Integrating a Pharmacogenomics-Trained Pharmacist Into the Care Team Serving Pediatric Patients With Sickle Cell Disease</i></p> <ul style="list-style-type: none"> <li>• <b>Courtney Paetznick, PharmD, principal investigator</b></li> <li>• Jacob Brown, PharmD, MS, senior investigator</li> </ul> <p>Children's Minnesota</p>	<p><i>Diabetes and Hearing Impairment: Knowledge, Attitudes, and Practices Among Providers and Patients</i></p> <ul style="list-style-type: none"> <li>• <b>Hayley Sewell, PharmD, principal investigator</b></li> <li>• Katherine O'Neal, PharmD, MBA, BSBA, senior investigator</li> </ul> <p>University of Oklahoma Health Sciences Center</p>
<p><i>Impact of an Emergency Medicine Pharmacist-Driven Protocol to Discontinue Antibiotics on Patients Discharged From the Emergency Department With Negative Cultures</i></p> <ul style="list-style-type: none"> <li>• <b>Yifan Wang, PharmD, principal investigator</b></li> <li>• Megan Rech, PharmD, MS, BCCP, BCPS, FCCM</li> </ul> <p>Loyola University Medical Center</p>		

## Pharmacy Resident Research Grant Past Recipients

### 2021

<h3>2021</h3>		
<p><i>Pharmacy-Driven Performance Improvement Initiative to Increase Compliance With Intravenous Smart Pump Drug-Error Reduction Systems in a Large Urban Academic Medical Center</i></p> <ul style="list-style-type: none"> <li>• <b>Eliana Abboudi, PharmD, principal investigator</b></li> <li>• Pavel Goriacko, PharmD, MPH, BCPS, senior investigator</li> </ul> <p>Montefiore Medical Center</p>	<p><i>Putting the PharmD in Diabetes: Addressing Comprehensive Diabetes Care in People With HIV (PWH) Through Pharmacist-Driven Point-of-Care Interventions in a Primary Care Clinic</i></p> <ul style="list-style-type: none"> <li>• <b>Maya Hardman, PharmD, RPh, principal investigator</b></li> <li>• Bernadette Jakeman, PharmD, PhC, AAHIVP, BCPS, senior investigator</li> </ul> <p>Southwest CARE Center</p>	<p><i>Improving Blood Pressure Management for Veterans Through the Establishment of a Student-Augmented Population Health-Based Telepharmacy Service</i></p> <ul style="list-style-type: none"> <li>• <b>Rachelle Kelley, PharmD, principal investigator</b></li> <li>• Pamela Stamm, PharmD, CDE, BCPS, BCACP, FASH, senior investigator</li> </ul> <p>Auburn University Harrison School of Pharmacy</p>
<p><i>Pharmacist Engagement in Transgender Care: Exploring Patient Perceptions on Gender-Affirming Hormone Therapy</i></p> <ul style="list-style-type: none"> <li>• <b>Mikayla Mills, PharmD, principal investigator</b></li> <li>• Karen Gunning, PharmD, BCPS, BCACP, FCCP, senior investigator</li> </ul> <p>University of Utah Health</p>	<p><i>Development of a System-Wide Operational Weighted Workload Model</i></p> <ul style="list-style-type: none"> <li>• <b>Autumn Petersen, PharmD, MPH, principal investigator</b></li> <li>• Jacqueline Zeeman, PharmD, senior investigator</li> </ul> <p>University of North Carolina Medical Center</p>	<p><i>Impact of Pharmacist Management of COPD in a Family Medicine Residency Clinic</i></p> <ul style="list-style-type: none"> <li>• <b>Christina Putnam, PharmD, principal investigator</b></li> <li>• Luke Vander Weide, PharmD, BS, senior investigator</li> </ul> <p>PeaceHealth Southwest Medical Center</p>
<p><i>Assessment of Emergency Department Prescribing Practices for Outpatient Treatment of Urinary Tract Infection, Community-Acquired Pneumonia, and Skin and Soft Tissue Infections</i></p> <ul style="list-style-type: none"> <li>• <b>Matthew Thaller, PharmD, principal investigator</b></li> <li>• Casey Dempsey, PharmD, BCIDP, senior investigator</li> </ul> <p>The Hospital of Central Connecticut</p>	<p><i>Integration of an Ambulatory Care Pharmacist into a University's Mental Health Management Program</i></p> <ul style="list-style-type: none"> <li>• <b>Makayla Wells, PharmD, principal investigator</b></li> <li>• Karen Kier, PhD, MSc, senior investigator</li> </ul> <p>ONU HealthWise</p>	

## Pharmacy Resident Research Grant Past Recipients

### 2020

<p><i>Pharmacy-Driven Fluid Stewardship in the Neurointensive Care</i></p> <ul style="list-style-type: none"> <li>• <b>Brooke Barlow, PharmD, principal investigator</b></li> <li>• Aaron Cook, PharmD, BCCCP, BCPS, FCCP, FKSHP, senior investigator</li> </ul> <p>University of Kentucky Healthcare</p>	<p><i>Evaluation of a Pharmacist-Led Outpatient Antibiotic Stewardship Program and Implementation of Prescribing Order Sets</i></p> <ul style="list-style-type: none"> <li>• <b>Curtis Blow, PharmD, principal investigator</b></li> <li>• Elizabeth (Lisa) Phillips, PharmD, BAAP, BCACP, CACP, senior investigator</li> </ul> <p>State University of New York (SUNY) Upstate Medical Center</p>	<p><i>Clinical and Economic Impact of Incorporating a Pharmacy Technician into a Medication Monitoring Program</i></p> <ul style="list-style-type: none"> <li>• <b>Hlee Lor, PharmD, principal investigator</b></li> <li>• Kari Olson, PharmD, BCPS, FCCP, senior investigator</li> </ul> <p>Kaiser Permanente Colorado</p>
<p><i>Development of a Novel Pharmacist-Led Opioid Deprescribing Protocol for Older Adults</i></p> <ul style="list-style-type: none"> <li>• <b>Alissa Margraf, PharmD, principal investigator</b></li> <li>• Laura McAuliffe, PharmD, BCACP, senior investigator</li> </ul> <p>Rhode Island Hospital/Lifespan Pharmacy</p>	<p><i>Development and Validation of a Pharmacist Transitions of Care Tool Using Machine Learning Algorithms to Predict Rehospitalization in Chronic Heart Failure</i></p> <ul style="list-style-type: none"> <li>• <b>Melissa Riester, PharmD, principal investigator</b></li> <li>• Andrew Zullo, PharmD, PhD, ScM, senior investigator</li> </ul> <p>Rhode Island Hospital</p>	<p><i>Implementation and Evaluation of an ABC Inventory Model in a Cancer Center Pharmacy at a Large Academic Medical Center</i></p> <ul style="list-style-type: none"> <li>• <b>Robert Rose, PharmD, principal investigator</b></li> <li>• John Valgus, PharmD, MHA, BCOP, senior investigator</li> </ul> <p>University of North Carolina Medical Center</p>
<p><i>Assessing the Impact of Rural-Based Ambulatory Pharmacist on Diabetes Care Through Perceptions of Advanced Monitoring Technologies</i></p> <ul style="list-style-type: none"> <li>• <b>Jeremy Sparks, PharmD, principal investigator</b></li> <li>• Christina DeRemer, PharmD, BCACP, BCPS, FASHP, senior investigator</li> </ul> <p>University of Florida</p>	<p><i>Expanding Services of a Pharmacist-Led Rural Mobile Health Clinic to School-Aged Children and Working-Class Parents</i></p> <ul style="list-style-type: none"> <li>• <b>Megan Stephan, PharmD, principal investigator</b></li> <li>• Karen Kier, PhD, MSc, senior investigator</li> </ul> <p>Ohio Northern University</p>	

## Pharmacy Resident Research Grant Past Recipients

### 2019

<p><i>Effect of a Pharmacist-Led Dietary Sodium Restriction Education Intervention on Blood Pressure, Sodium Knowledge, and Self-Efficacy in Patients With Chronic Kidney Disease and Hypertension</i></p> <ul style="list-style-type: none"> <li>• <b>Katherine Cho, PharmD, principal investigator</b></li> <li>• Amy Pai, PharmD, MHI, FASN, FCCP, FNKF senior investigator</li> </ul> <p>Michigan Medicine</p>	<p><i>Utilization of Gap Analysis to Assess Controlled Substance Management at an Academic Medical Center</i></p> <ul style="list-style-type: none"> <li>• <b>Bailey Eason, PharmD, principal investigator</b></li> <li>• Tyler Vest, PharmD, MS, senior investigator</li> </ul> <p>Wake Forest Baptist Medical Center</p>	<p><i>Project PACT-Stroke: Pharmacists Act on Care Transitions — Stroke</i></p> <ul style="list-style-type: none"> <li>• <b>Jenna Fancher, PharmD, MA, principal investigator</b></li> <li>• Elizabeth (Lisa) Phillips, PharmD, BCACP, CACP, senior investigator</li> </ul> <p>Upstate University Hospital and St. John Fisher Wegmans School of Pharmacy</p>
<p><i>Impact of a Community Pharmacy-Based CDTM Program Supported by a Medical Synchronization Program</i></p> <ul style="list-style-type: none"> <li>• <b>Caitlin Prather, PharmD, principal investigator</b></li> <li>• Gregory Peden, PharmD, senior investigator</li> </ul> <p>Auburn University School of Pharmacy</p>	<p><i>Implementation of a Pharmacist-Driven Kidney Action Plan to Decrease Risk of Chronic Kidney Disease Development or Progression in Acute Kidney Injury Survivors</i></p> <ul style="list-style-type: none"> <li>• <b>Diana Schreier, PharmD, MBA principal investigator</b></li> <li>• Eric Barreto, PharmD, MSc, FCCM, senior investigator</li> </ul> <p>Mayo Clinic</p>	<p><i>Advancing the Pharmacist's Role in Preventing Healthcare Facility-Onset C. Difficile: Expansion of a Risk Prediction Model</i></p> <ul style="list-style-type: none"> <li>• <b>Carrie Tilton, PharmD, principal investigator</b></li> <li>• Nicole Metzger, PharmD, BCPS, senior investigator</li> </ul> <p>Emory University Hospital</p>
<p><i>Multi-Centered Retrospective Review of Antibiotic Prescribing Patterns for Treatment of Urinary Tract</i></p> <ul style="list-style-type: none"> <li>• <b>Sarah Visintainer, PharmD, RPh, principal investigator</b></li> <li>• Carla Bouwmeester, PharmD, MS, senior investigator</li> </ul> <p>Northwestern University</p>	<p><i>Quantifying the Value of Pharmacists Providing Direct Patient Care Within Family Medicine Practices</i></p> <ul style="list-style-type: none"> <li>• <b>Anne Williams, PharmD, principal investigator</b></li> <li>• Patricia Klatt, PharmD, senior investigator</li> </ul> <p>UPMC St. Margaret</p>	

## Pharmacy Resident Research Grant Past Recipients

### 2018

<p><i>Developing an Opioid Stewardship Clinical Dashboard for Adult and Pediatric Inpatient Use at a Health System</i></p> <ul style="list-style-type: none"><li>• <b>Loredana Berescu, PharmD, principal investigator</b></li><li>• Susanne Nesbit, PharmD, BCPS, CPE, FCCP, senior investigator</li></ul> <p>The Johns Hopkins Hospital</p>	<p><i>Critical Care Pharmacy Collaborative Practice to Optimize Management of Severe Community Onset Pneumonia</i></p> <ul style="list-style-type: none"><li>• <b>Monica Bianchini, PharmD, principal investigator</b></li><li>• Susan Davis, PharmD, senior investigator</li></ul> <p>Henry Ford Hospital</p>	<p><i>Implementation of a Pharmacy-Driven Transitions of Care Service Providing Medication Review, Recommendations, and Education After Hospital Discharge Prior to Primary Care Provider Appointment</i></p> <ul style="list-style-type: none"><li>• <b>Sonja Clausen, PharmD, principal investigator</b></li><li>• Amanda Woloszyn, PharmD, senior investigator</li></ul> <p>Bozeman Health Deaconess Hospital</p>
<p><i>Implementation of a Pharmacist-Driven Continuous Glucose Monitoring Program for Advanced Diabetes Management in Patients With Type-2 Diabetes</i></p> <ul style="list-style-type: none"><li>• <b>Jamie Cook, PharmD, MBA principal investigator</b></li><li>• Evan Sission, PharmD, MSHA, BCACP, CDE, senior investigator</li></ul> <p>Virginia Commonwealth University</p>		<p><i>Impact of a Comprehensive Stewardship Transitions of Care Initiative on Clostridium Difficile Infection Management and Care</i></p> <ul style="list-style-type: none"><li>• <b>Victoria Heatherington, PharmD, principal investigator</b></li><li>• Paul Bookstaver, PharmD, senior investigator</li></ul> <p>Palmetto Health Richland</p>

## Pharmacy Resident Research Grant Past Recipients

### 2017

*A Longitudinal Study Analysis of Pharmacist-Driven Inhaler Optimization in Ambulatory Care Setting*

- **Emily Blum, PharmD, principal investigator**
- Amber Smith, PharmD, MS, BCPS, senior investigator

Henry For Hospital

*Retrospective Analysis of Pharmacist Engagement With Patients with Noncancer Pain*

- **Nicholas Cox, PharmD, principal investigator**
- Karen Gunning, PharmD, BCPS, BCACP, FCCP, senior investigator

University of Utah Health Care

*Description of SGLT-2 Inhibitor Monitoring, Adverse Event Rates, and Gaps in Care*

- **Lauren Grecheck, PharmD, principal investigator**
- Charmaine Rochester, PharmD, senior investigator

University of Maryland School of Pharmacy

*Outcomes of a Pharmacist-Managed Hepatitis C Virus Clinic Care Delivery Model*

- **Safiya Naidjate, PharmD, principal investigator**
- Andrew Zullo, PharmD, ScM, senior investigator

Rhode Island Hospital

*Evaluating Fourth-Year Student-Pharmacist Empathy Towards Patient Weight Loss Through Active Learning*

- **Matthew Vickers, PharmD, principal investigator**
- Kimberly Braxton Lloyd, PharmD, senior investigator

Auburn University



## Pharmacy Resident Research Grant Past Recipients

### 2016

<p><i>Comparing the Outcomes of High-Risk Chronic Opioid Users Enrolled in an Integrated Pain Service</i></p> <ul style="list-style-type: none"> <li>• <b>Miroslav Anguelov, PharmD, principal investigator</b></li> <li>• William Gersch, PharmD, senior investigator</li> </ul> <p>Kaiser Permanente Colorado</p>	<p><i>Comparison of Adherence Packaging Versus Pill Boxes On Change In Medication Adherence Rates</i></p> <ul style="list-style-type: none"> <li>• <b>Erica Davidson, PharmD, principal investigator</b></li> <li>• Erik Sokn, PharmD, senior investigator</li> </ul> <p>Cleveland Clinic</p>	<p><i>Identification of Pharmacy Transitions of Care Patients at Highest Risk of 30-Day Hospital Readmission</i></p> <ul style="list-style-type: none"> <li>• <b>Laura Hunt, PharmD, principal investigator</b></li> <li>• Christine Berard-Collins, MBS, RPh, senior investigator</li> </ul> <p>University of Maryland School of Pharmacy</p>
<p><i>Pharmacist-Led Human Immunodeficiency Virus (HIV) Pre-Exposure Prophylaxis (PrEP) Clinic</i></p> <ul style="list-style-type: none"> <li>• <b>Sarah Michienzi, PharmD, principal investigator</b></li> <li>• Renata Smith, PharmD, senior investigator</li> </ul> <p>University of Illinois at Chicago College of Pharmacy</p>	<p><i>Aspirin Prescribing Practices for Primary Stroke Prevention in Elderly Women Following Monthly Population-Based Clinical Pharmacist Evaluation</i></p> <ul style="list-style-type: none"> <li>• <b>Katie Traylor, PharmD, principal investigator</b></li> <li>• Karen Gunning, PharmD, senior investigator</li> </ul> <p>University of Utah Health Care</p>	<p><i>Identifying Factors Critical in Forming Collaborative Relationships between Physicians and Pharmacists for the Delivery of Comprehensive Medication</i></p> <ul style="list-style-type: none"> <li>• <b>Kyle Turner, PharmD, principal investigator</b></li> <li>• Todd Sorensen, PharmD, senior investigator</li> </ul> <p>University of Minnesota College of Pharmacy</p>