



## PGY-1 Pharmacy Residency Residents' Major Projects

Class	Resident	Major Project
2024-25	Isabelle Nguyen	Evaluation of Bendamustine as an Alternative Lymphodepletion Chemotherapy Regimen for Chimeric Antigen Receptor T Cell Therapy
2024-25	Leah Topp	Acetazolamide Use in Patients with Diuretic-Resistant Acute Decompensated Heart Failure
2024-25	Nathan Klein	Comparative Efficacy of Cephalexin Dosing Strategies for Patients Discharged from an Academic Medical Center Emergency Department with an SSTI Diagnosis
2024-25	Sheridan Bryan	Impact of Low Lymphocyte Count on Efficacy of Bispecific T Cell Engager Therapy
2024-25	Victoria Liu	Evaluation of the Safety and Efficacy of Gemcitabine and Pazopanin for Treatment of Advancement or Metastatic Soft Tissue Sarcoma
2023-24	Andy Browning	Use of Undiluted Levetiracetam in the Pediatric Population
2023-24	Colette Biro	Association of Time to Adequate Diuretics and Outcomes in Acute Decompensated Heart Failure (ADHF)
2023-24	Mason Myers	Peri-Engraftment Acute Kidney Injury Post-Allogeneic Hematopoietic Stem Cell Transplantation
2023-24	Megan Gadda	Assessment of Risk Associated with Hepatic Sinusoidal Obstructive Syndrome Post-Hematopoietic Stem Cell Transplant in Adult Patients
2023-24	Savanah Norman	Implementation of Barcode Medication Administration (BCMA) in Ambulatory Care Clinic(s)
2022-23	Gage Dixon	Effects of Combined Sodium-Glucose Co-Transporter 2 Inhibitor (SGLT2i) and Angiotensin Receptor-Nephrilysin Inhibitor (ARNi) Therapy on Loop Diuretic Dose Adjustments
2022-23	Sydney Ertz	Eltrombopag for Treatment of Thrombocytopenia After Hematopoietic Cell Transplantation or CAR-T Therapy
2022-23	Adam Kiser	Evaluation of mycophenolate mofetil vs azathioprine in combination with tacrolimus and prednisone in a post-liver transplant patient population
2022-23	Laura Klos	Safety and efficacy of tixagevimab/cilgavimab in patients undergoing hematopoietic stem cell transplant
2022-23	Tianna Leitch	Impact of a Pharmacist within a Multidisciplinary Pain and Sedation Stewardship Team on Post-operative Opiate Use among Neonates undergoing Congenital Diaphragmatic Hernia Repair and Tracheoesophageal Fistula Repair
2021-22	Sidney Aviles Dimova	Comparison of Door-to-needle Time for Tenecteplase versus Alteplase for Acute Ischemic Stroke
2021-22	Sarah Ballou	Closed System Transfer Device (CSTD) Functionality and Device Comparison for Sterile Hazardous Drug Compounding
2021-22	Joshua Choung	Clinical Impact of Appropriate Intraoperative Antibiotic Redosing on Surgical Site Infection in Patients Undergoing Pancreatectomy or Pancreaticoduodenectomy Without Biliary Stent Placement
2021-22	Elizabeth Ko	A Single Academic Medical Center Usage of Alternative Capecitabine Dosing Strategies in Metastatic Breast Cancer Patients
2021-22	Gina Migneco	Bleeding and thrombosis risk in adult patients on extracorporeal membrane oxygenation support: Evaluation of unfractionated heparin infusions at two different goal anti-Xa ranges
2020-21	Emily Chheng	Real world look at treatment-free remission in chronic myeloid leukemia patients
2020-21	Chris of Conley	Rates of Ischemic and Hemorrhagic Stroke Following Transcatheter Aortic-Valve Replacement (TAVR) in Patients Treated with Direct Oral Anticoagulant (DOAC) vs Warfarin
2020-21	Kat Kovalenko	Retrospective Analysis of Tacrolimus Levels Following Allogeneic Stem Cell Transplant and Patient Outcomes
2020-21	Jenny Radke	Validation of the MRC-ICU score in critically-ill patients at an academic medical center
2020-21	Hannah Roppo	Kidney Transplant Outcomes in Black Americans compared to Other Ethnicities
2019-20	Sonya Kedzior	Efficacy of intermittent dosing of intravenous proton pump inhibitors as compared to continuous infusion for empiric therapy of upper gastrointestinal bleeding
2019-20	Joe Plott	Olanzapine for Delirium in Critically Ill Pediatric Patients
2019-20	Kellie Spence	Once Weekly Fluconazole for the Prevention of Oropharyngeal Candidiasis in Renal Transplant Recipients
2019-20	John White	Early trauma VAP: what's early exactly?
2019-20	Shelley Zhang	Factors Affecting Acquisition of Oral Anticancer Medications
2018-19	Chris Bell	Evaluation of high-dose influenza vaccination in chronic myeloid leukemia patients
2018-19	Jonathan Cohen	Medication use process and assessment of liquid oncology drugs
2018-19	Kendall Donohue	Factors potentially associated with direct oral anticoagulant failure: a case series
2018-19	Calan Eyer	Safety and efficacy of venous thromboembolism prophylaxis in underweight, critically ill patients
2018-19	John Myers	Analysis of ED Vancomycin prescribing practices
2017-18	Shiela McCollam	Pneumocystis pneumonia prophylaxis with intravenous pentamidine in adult allogeneic hematopoietic stem cell transplant patients

2017-18	Kerry Moore	Safety of early prophylactic anticoagulation in blunt liver and splenic injuries grade 3 and above: does early prophylaxis deliver better results?
2017-18	Nikki Mulligan	Tobramycin AUC monitoring in pediatric and adult patients with cystic fibrosis
2017-18	Jerika Nguyen	Incidence of neurobehavioral side effects associated with levetiracetam and phenytoin in traumatic brain injury patients
2017-18	Emmanuel Njigha	Integration of Computerized Provider Order Entry with a Parenteral Nutrition Automated Compounding System: A prospective, single center study
2016-17	Asha Birmingham	Intranasal tranexamic acid for the treatment of acute nosebleed
2016-17	Linda Blake	Intermittent versus continuous infusion of tacrolimus for the prevention of graft-versus-host disease in hematopoietic stem cell transplant patients with acute leukemia
2016-17	Calvin Diep	Effect of high vs low intensity heparin drip anticoagulation for bridging in atrial fibrillation/flutter
2016-17	Amanda Kurtti	Assessment of current practice and development of a guideline for ECG monitoring in hospitalized oncology patients at risk for drug induced prolonged QTc intervals.
2016-17	Jenny Shroba	Secondary Prophylaxis with Oral Vancomycin to Prevent Recurrence of <i>Clostridium Difficile</i> infections among Hematopoietic Stem Cell Transplant Patients Receiving Systemic Antimicrobial Agents
2015-16	Brian Buss	Evaluation of the need for <i>Candida spp.</i> coverage in upper gastrointestinal perforation
2015-16	T. Mark Egbuka	Ambulatory Pharmacy Billing
2015-16	Megan Feeney	Achieving ventricular rate control using intravenous metoprolol compared to intravenous diltiazem in patients taking chronic beta-blocker therapy.
2015-16	Marissa Hom	Proton Pump Inhibitor Use in Cardiothoracic Surgery Patients
2015-16	Jordan Miller	Current practice in managing febrile neutropenic patients with cefepime intolerance
2014-15	Alex Heyliger	Assessment and optimization of current dosing practice for tacrolimus and cyclosporine for prevention of graft-versus-host disease in obese patients
2014-15	Christina Kowalewska	Frequency and Characteristics of Patients Receiving Anticoagulation Therapy on Discharge to Hospice Care
2014-15	Patricia Kuang	Achieving ventricular rate control using intravenous metoprolol in beta-blocker naïve patients versus patients on chronic beta-blocker therapy
2014-15	Gary Lau	Prospective characterization of CINV/severe nausea in oncology patients receiving chemotherapy
2014-15	Jake McFarland	Unfractionated heparin infusion dosing in obese patients
2014-15	Eleni Shenk	The Incidence of Respiratory Depression in Trauma Patients with an elevated ETOH level Receiving Pain Management
2013-14	Mary Lou Chheng	Impact of emergency department pharmacists on clinical interventions and time to antibiotic administration in the pediatric emergency department
2013-14	Jamie Dozier	Evaluation of Factors Associated with Non-Therapeutic International Normalized Ratios (INR) in Patients who have Undergone Left Ventricular Assist Device (LVAD) Placement (FAST INR)
2013-14	Melika Jafari	Inhaled aztreonam versus inhaled tobramycin on exacerbation rates in Cystic Fibrosis Patients
2013-14	Aaron Pham	Methotrexate Monitoring in the Neuro-Oncology Patients
2013-14	Amber Streifel	Risk factors for nephrotoxicity in patients treated with vancomycin through an outpatient parenteral antimicrobial therapy (OPAT) program
2013-14	Audrey Wagner	Antiretroviral Medication Safety in a Large Teaching Hospital
2012-13	Christopher Adams	Coagulase-negative staphylococcus vancomycin minimum inhibitory concentrations: a metric for patient outcomes
2012-13	Ryan Markham	Developing a sustainable, proactive model for pharmacy inventory management
2012-13	Sara McFarland	HIV Antiretroviral Error Reduction at an Academic Medical Center
2012-13	Anuj Thirwani	Clostridium difficile infection at an academic medical center - development of a treatment algorithm
2011-12	Shannon Buxell	Medication Reconciliation in Pre-Surgery Clinic
2011-12	Tammy Chan	Development and Implement a Patient Counseling Program
2011-12	Robert Osten	Measuring Pharmacist Impact in Transition of Care Model from Inpatient visit to Outpatient/Clinic Visit
2011-12	Joshua Pecoraro	Bone Marrow Transplant Discharge Counseling
2011-12	Natalie Vuylsteke	Assess the Need for an Antimicrobial Stewardship Program in Pediatrics and Develop the Program
2010-11	Evelyn Handel	Optimizing Pharmacist Intervention Documentation, Tracking, and Reporting within an Electronic Medical Record
2010-11	Tess Nishida	A Comparative Study of Intravenous versus Oral N-acetylcysteine for Prevention of Contrast-Induced Nephropathy
2010-11	Leanne Svoboda	Erythropoietin stimulating agent (ESA) evaluation and use in CKD patients; Development of guidelines and protocol to improve inpatient utilization of ESA
2010-11	Bruce Warden	Pilot Project for a Pharmacy-Managed Heart Failure Medication Education and Discharge Instruction Program
2010-11	Josh Wiegel	Development, Implementation, and Assessment of an Extended-Infusion Piperacillin/Tazobactam Protocol
2009-10	Sarah Adams	Aminoglycoside dosing in neonates
2009-10	Jesse Bierman	Comparing the outcomes and cost of custom-made replacement fluid to pre-made replacement fluid for continuous renal replacement therapy
2009-10	Mallory Heath	Improving pneumococcal vaccination rates through pharmacist intervention
2009-10	Kate Palmer	Analysis of end tidal CO2 monitoring: opportunity to improve safety of patient controlled analgesia
2009-10	Greg Roberti	Decentralization of nutritional support services
2008-09	Roger Clark, Jr.	Appropriate use of antibiotics for postoperative prophylaxis in a university health care system
2008-09	Susie Jiing	Development of a pharmacy driven protocol for monitoring medications commonly used in the hematopoietic stem cell transplant population

2008-09	Nathan Johnson	Development of vancomycin dosing and monitoring guidelines
2008-09	Katherine Miller	Implementation of guidelines and pharmacist competency for renal dose adjustments
2008-09	Colleen Shipman	Implementation of a remote medication checking system
2008-09	Amanda Sweet	Implementation of an inpatient anticoagulation program
2007-08	Danielle Mollet	Development and implementation of a sustainable medication-use evaluation program
2007-08	Nicole Peterson	Implementation of a pharmacist competency assessment and professional development program
2007-08	Jessica Steffl	Development of comprehensive practice standard database
2007-08	Nora Talley	Postoperative ondansetron dosing
2007-08	Jessica Tilley	Development and implementation of a health-system pharmacy intern curriculum toolkit
2006-07	Teresa Anekwe	A prospective evaluation of the use of antifungal therapy in immunocompromised patients at OHSU
2006-07	Bronwyn Dedekind	Pediatric dose standardization
2006-07	Justin Konkol	Implementation of a standard training program for new and current technicians
2006-07	Rebecca Lines	Venous thrombosis prophylaxis protocol implementation and assessment at OHSU
2005-06	Bryan Brock	Continuous feedback-based educational program to improve order writing quality: implementation and outcomes
2005-06	Travis Laselle	Implementing an electronic pharmacist intervention documentation program
2005-06	Karie Van Rens	Standardization of compounding procedures for pediatric oral suspensions
2004-05	Leigh Fleming	Investigational use of daptomycin in neutropenic fever
2004-05	Katarzyna Mazur	Effectiveness and safety of valganciclovir for CMV prophylaxis in liver transplant patients
2004-05	Erin Templin	Achieving a continuous state of JCAHO readiness
2003-04	Gabriel Bartoo	Supplementation of TPN with albumin: effect on fluid management and patient outcome
2003-04	Betsy Bierman	How on earth does OHSU get rid of SPACE organisms?
2003-04	Melissa Yates	Implementation of an interdisciplinary medication safety competency video and exam
2002-03	Marcella Barta	Effect of immunosuppressant regimens on the natural history of hepatitis C in liver transplant recipients
2002-03	Erin Smith	Development of a bone marrow transplant patient database
2001-02	Justin Nicholls	Chemotherapeutic dose-banding standardization
2000-01	Elena Valcarlos	Impact of a pharmacy generated dosing protocol on recombinant epoetin use
1999-2000	Anne Poon	Effect of pharmacy based protocol on filgrastim use in hospitalized patients
1997-98	Alane Nakamura	Assessment of current inpatient anticoagulation practices and need for anticoagulation service
1995-96	Emily Dierker	Implementation of a reduced frequency and toxicity-dosing program for aminoglycosides
1994-95	Mark Jurovich	Cost implications of omeprazole usage versus H. pylori eradication in peptic ulcer disease
1994-95	Shiow Lee	Association of CMV antibody status, CMV infection and acute rejection in liver transplantation: a single center experience
1993-94	Sylvain Casimir	Evaluation of G-CSF as an adjunct to chemotherapy in the treatment of head and neck neoplasms with cisplatin and 5-fluorouracil
1993-94	Ian Doyle	Financial analysis and outcomes evaluation of a nutritional support team
1992-93	Shwu Choong	Evaluation of empiric antibiotic use in nosocomial pneumonia
1992-93	Julie Larson	Evaluation of ceftriaxone use at OHSU: potential for pharmacist impact
1991-92	Stephanie Davis	Increased patient comprehension through the use of the Indian Health Service counseling technique
1991-92	Rachel Moore	Effectiveness of erythromycin versus placebo on non-strep pharyngitis symptoms
1990-91	Kristine Carlson	Vancomycin pharmacokinetics in pediatric oncology patients
1990-91	Joseph Udejaja	Effectiveness of cimetidine on zidovudine (AZT) pharmacokinetics
1989-90	Kathy Johnson	A new educational tool for cost effective antibiotic dosing
1989-90	Eric Stinnett	Non-financial justification of an operating room pharmacy satellite
1988-89	Wendy Force	Development of workload measurement instruments and their utilization in predicting pharmacy staffing requirements
1988-89	Beverly Gee	Development and evaluation of a system to select patients requiring intensive monitoring
1987-88	Lynda Barstow	Improving adverse drug reaction reporting through redefinition and pharmacy quality assurance