



PGY-1 Pharmacy Residency Residents' Major Projects

| Class | Resident | Major Project |
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| 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 Cheng | 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 | <i>Coagulase-negative staphylococcus</i> 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 | <i>Clostridium difficile</i> 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 |

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| 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 <i>H. pylori</i> 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 Udeaja | 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 |