

Current and Previous Residents (1996 through 2022)

Residency/Fellowship Program Co-Directors over the 26 years

Douglas Fish, Pharm.D.
Rob MacLaren, Pharm.D.
Tyree Kiser, PharmD
Scott Mueller, Pharm.D.
Paul Reynolds, Pharm.D.

ASHP-Accredited PGY2 Critical Care Residents:

1. Tony Singletary, Pharm.D. (Critical Care Resident, 1996-1997): Pharmacy Manager, Private Clinic, Albany and Columbus, GA; and Preceptor, University of Georgia College of Pharmacy, Athens, GA. Formerly Branch Operations Manager, CarePoint Partners, BioScrip Company, Albany, GA; General Manager, Pinnacle Infusion, Albany GA; Owner, Pinnacle Infusion, Albany, GA; Home Infusion Pharmacy Manager, Phoebe Putney Memorial Hospital, Albany, GA; and Clinical Pharmacist in Critical Care, Phoebe Putney Memorial Hospital, Albany, GA.
 - Fish DN, Singletary TJ. Cross-resistance to both atracurium- and vecuronium-induced neuromuscular blockade in a critically ill patient. **Pharmacotherapy** 1997; 17:1322-7.
 - Fish DN, Singletary TJ. Meropenem: a new carbapenem antibiotic. **Pharmacotherapy** 1997; 17:644-69.
 - Singletary TJ, Fish DN, Zamora MR, Hodges TN. Safety and efficacy of amphotericin B lipid complex in thoracic transplantation. 63rd Annual International Scientific Assembly of the American College of Chest Physicians, New Orleans, LA. October 26-30, 1997. **Chest** 1997;112(Suppl):49S.
2. Jill Rebuck, Pharm.D., BCPS (Critical Care Resident, 1997-1998): Director, Clinical Pharmacy Services, Penn State Health / Milton S. Hershey Medical Center, Hershey, PA. Formerly Director of Pharmacy, Lancaster General Health, Lancaster, PA; Clinical Pharmacist in Surgical/Trauma Intensive Care, Fletcher Allen Health Care System and Assistant Professor of Medicine, University of Vermont, Burlington, VT; and Clinical Assistant Professor of Pharmacy, University of Massachusetts College of Pharmacy, Boston, MA.
 - Rebuck JA, Abraham E, Fish DN. Pharmacokinetics of intravenous and oral levofloxacin in critically ill adults in a medical intensive care unit. **Pharmacotherapy** 2002; 22:1216-1225.
 - Rebuck JA, Fish DN. Thalidomide revisited. **The AIDS Reader** 1998; 8:7-9.
 - Rebuck JA, Fish DN. Pharmacist-initiated antimicrobial interventions in critically ill patients. The 19th Annual Meeting of the American College of Clinical Pharmacy, Cincinnati, Ohio. **Pharmacotherapy** 1998; 18:1144 (abstract 39).
 - Rebuck JA, Abraham E, Fish DN. Pharmacokinetics of intravenous levofloxacin in adult critically ill patients. The 20th Annual Meeting of the American College of Clinical Pharmacy, Kansas City, Missouri. October, 1999. **Pharmacotherapy** 1999; 19:1199 (41E).

- Rebeck JA, Abraham E, Fish DN. Pharmacokinetics of intravenous levofloxacin in adult critically ill patients. 28th Educational and Scientific Symposium of the Society of Critical Care Medicine, San Francisco, CA. January, 1999. **Critical Care Medicine** 1999; 27(Suppl 1):A138 (abstract 345).
 - Rebeck JA, Fish DN, Abraham E. Pharmacokinetics of orally administered levofloxacin in critically ill patients. Invited Poster Session, 36th Annual Midyear Clinical Meeting of the American Society of Health-System Pharmacists, New Orleans, LA. December, 2001.
3. Deborah Sherman, Pharm.D. (Critical Care Resident, 1998-2000): Clinical Specialist in Critical Care/Neurosurgical Intensive Care, UHealth/University of Colorado Hospital, Denver, CO. Formerly Clinical Pharmacist in Critical Care, Methodist Hospital, Indianapolis, IN.
- Sherman DS, Fish DN, Teitelbaum I. Assessing renal function in cirrhotic patients: problems and pitfalls. **American Journal of Kidney Diseases** 2003; 41:269-278.
 - Sherman DS, Kass CL, Fish DN. Treatment of heparin-induced hyperkalemia with fludrocortisone (case report). **Annals of Pharmacotherapy** 2000; 34:606-610.
 - Sherman DS, Fish DN, Hodges TN, Zamora MR. Evaluation of the efficacy and cost of cytomegalovirus immune globulin (CMVIG) after lung transplantation. The 20th Annual Meeting of the American College of Clinical Pharmacy, Kansas City, Missouri. October, 1999. **Pharmacotherapy** 1999;19:1223 (abstract 190).
 - Zamora MR, Sherman DS, Fish DN, Olmos JJ, Torres F, Hodges TN. Cytomegalovirus immune globulin (CMVIG) in combination with ganciclovir provides cost-effective prophylaxis of CMV after lung transplantation. The 19th Annual Meeting and Scientific Sessions of the International Society of Heart and Lung Transplantation, San Francisco, CA. April, 1999. **Journal of Heart and Lung Transplantation** 1999; 18:81 (abstract 194).
4. Diane (Barker) Pepe, Pharm.D., BCPS (Critical Care Resident, 2000-2001): Clinical Pharmacist, Medical Center of Aurora, Aurora, CO. Formerly Clinical Pharmacy Coordinator, Medical Center of Aurora; and Critical Care/Emergency Room Clinical Pharmacist, Medical Center of Aurora, Aurora, CO.
5. Marilee Obritsch, Pharm.D., BCPS (Critical Care Resident, 2002-2003): Clinical Pharmacist, Regional Health/Rapid City Regional Hospital, Rapid City, SD. Formerly Clinical Pharmacist, Indian Health Service/Public Health Service Clinics, Juneau, AK; Clinical Specialist in Critical Care, Hillcrest Medical Center, Tulsa, OK; and Assistant Professor of Pharmacy, Department of Pharmacy Practice, University of Oklahoma College of Pharmacy (Tulsa Campus), Tulsa, OK.
- Obritsch MD, Jung R, Fish DN, MacLaren R. Effects of continuous vasopressin infusion in patients with septic shock. **Annals of Pharmacotherapy** 2004; 38:1115-20.
 - Obritsch M, Bestul D, Jung R, Fish D, MacLaren R. Role of vasopressin in vasodilatory septic shock. **Pharmacotherapy** 2004; 24:1050-1063.

- Obritsch MD, Fish DN, MacLaren R, Jung R. National prevalence of antimicrobial resistance in intensive care unit isolates of *Pseudomonas aeruginosa*, 1993-2002. **Antimicrobial Agents and Chemotherapy** 2004; 48:4606-4610.
 - Obritsch M, MacLaren R, Jung R, Fish D. Effects of continuous vasopressin infusion in patients with septic shock. 33rd Critical Care Congress of the Society of Critical Care Medicine, Orlando, FL. February, 2004. **Critical Care Medicine** 2004; 31(Suppl):A122 (abstract 440).
 - Obritsch M, Fish D, MacLaren R, Jung R. Surveillance for multi-drug resistance among clinical isolates of *Pseudomonas aeruginosa* from intensive care units in the United States, 1993-2002. 43rd Annual Meeting of the American Society for Microbiology, Chicago, IL. September, 2003. **Abstracts of the 43rd Interscience Conference on Antimicrobial Agents and Chemotherapy** 2003:742 (abstract C2-1970).
6. Ty Kiser, Pharm.D., BCPS (Critical Care Resident, 2003-2004): Associate Professor of Pharmacy, Department of Clinical Pharmacy, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences; and Clinical Specialist in Critical Care, UHealth/University of Colorado Hospital, Aurora, CO.
- Kiser TH, Jung R, MacLaren R, Fish DN. Evaluation of diagnostic tests and argatroban or lepirudin therapy in patients with suspected heparin-induced thrombocytopenia. **Pharmacotherapy** 2005; 25:1736-1745.
 - Kiser T, Fish DN, Obritsch MD, Jung R, MacLaren M, Parikh CR. Vasopressin, not octreotide, may be beneficial in the treatment of hepatorenal syndrome: a retrospective study. **Nephrology Dialysis Transplantation** 2005; 20:1813-1820.
 - Kiser TH, Fish DN, Parikh CR. Predictors of response to vasopressin and/or octreotide infusions in patients with hepatorenal syndrome. 34th Critical Care Congress of the Society of Critical Care Medicine, Phoenix, AZ. January, 2005. **Critical Care Medicine** 2004; 32(Suppl):A123 (abstract 446).
 - Kiser T, Fish DN, Parikh C. Vasopressin, not octreotide, is beneficial in the treatment of hepatorenal syndrome. Abstracts of the 37th Annual Meeting and Scientific Exposition of the American Society of Nephrology, St. Louis, MO, October, 2004. **Journal of the American Society of Nephrology** 2004; 15:349A.
 - Kiser TH, Fish DN, Jung R, MacLaren R. Evaluation of direct thrombin inhibitor use in patients with proven or suspected heparin-induced thrombocytopenia (HIT). The 24th Annual Meeting of the American College of Clinical Pharmacy, Dallas, TX. October, 2004. **Pharmacotherapy** 2004; 24:1428 (abstract 54).
7. Paul Juang, Pharm.D., BCPS, BCCCP (Critical Care Resident, 2004-2005): Associate Professor of Pharmacy, Department of Pharmacy Practice, St. Louis College of Pharmacy, St. Louis, MO.
- Juang P, Fish DN, Jung R, MacLaren R. Retrospective case-control evaluation of enteral glutamine supplementation in critically ill burn patients. **Pharmacotherapy** 2007; 27:11-19.
 - Juang P, Fish DN, Jung R, MacLaren. Retrospective Case-Control Evaluation of Enteral Glutamine in Critically Ill Burn Patients. 35th Critical Care Congress of the Society of Critical

Care Medicine, San Francisco, CA. January, 2006. **Critical Care Medicine** 2005; 33(Suppl):A98 (abstract 168-M).

- Juang P, MacLaren R, Jung R, Fish DN. Usage and associated outcomes of IV antifungal agents for candidemia. The 26th Annual Meeting of the American College of Clinical Pharmacy, St. Louis, MO. October 26-29, 2006. **Pharmacotherapy** 2006; 26:e71 (abstract 128).
8. James Landzinski, Pharm.D. (Critical Care Resident, 2005-2006): Clinical Pharmacy Manager, INOVA Fairfax Medical Campus, Falls Church, VA. , Formerly Clinical Pharmacist in Critical Care, Georgetown University Medical Center; and Clinical Assistant Professor, Howard University School of Pharmacy, Washington, DC.
- Landzinski J, Kiser T, Fish DN, Wischmeyer P, MacLaren R. Gastric motility function in critically-ill patients tolerant versus intolerant to gastric nutrition. **JPEN, Journal of Parenteral and Enteral Nutrition** 2008; 32:45-50.
 - Landzinski J, Kiser T, Fish DN, MacLaren R, Wischmeyer P. Gastric Motility Function in Critically-Ill Patients Tolerant versus Intolerant to gastric Nutrition. 37th Critical Care Congress of the Society of Critical Care Medicine, Honolulu, HI. February 2-6, 2008. **Critical Care Medicine** 2007; 35(Suppl):A193 (abstract 706).
9. Phillip Owen, Pharm.D., BCPS (Critical Care Resident, 2006-2007): Clinical Specialist in Critical Care/Cardiothoracic Surgery, University of North Carolina Hospitals; and Adjunct Assistant Professor, Division of Practice Advancement and Clinical Education, University of North Carolina Eshelman School of Pharmacy, Chapel Hill, NC. Formally Clinical Assistant Professor, Department of Pharmacy Practice, Mercer University College of Pharmacy and Health Sciences, Atlanta, GA.
- Owen PS, Tan EC, Kiser T, Fish DN, MacLaren R. Reliability and accuracy of practitioner-calculated Acute Physiology and Chronic Health Evaluation II scores for determining the appropriateness of drotrecogin alfa (activated). **American Journal of Health-Systems Pharmacy** 2010; 67:136-143.
 - Owen PS, MacLaren R, Kiser T, Fish D. Assessment of APACHE II Scoring Accuracy and Drotrecogin Alfa Use Amongst Health Care Professionals Using Adjudicated Clinical Cases. 37th Critical Care Congress of the Society of Critical Care Medicine, Honolulu, HI. February 2-6, 2008. **Critical Care Medicine** 2007; 35(Suppl):A275 (abstract 990).
 - Owen PS, Kiser T, MacLaren R, Fish DN. Reliability and Accuracy of Calculating APACHE II Scores Amongst Critical Care Clinicians. 38th Critical Care Congress of the Society of Critical Care Medicine, Nashville, TN. January 31-February 4, 2009. **Critical Care Medicine** 2008; 36(Suppl):A169 (abstract 658).
10. Erica (Horinek) Wang, Pharm.D., BCPS (Critical Care Resident, 2007-2008): Clinical Pharmacist in Critical Care, Rose Medical Center, Denver, CO. Formerly Clinical Pharmacist in Critical Care, Sky Ridge Medical Center, Lone Tree, CO.
- Horinek E, Kiser T, Fish DN, MacLaren R. Propylene glycol accumulation in critically ill patients receiving continuous intravenous lorazepam infusions. **Annals of Pharmacotherapy** 2009; 43:1964-1971.

- Horinek E, Fish DN. Spontaneous bacterial peritonitis. **American Journal of Critical Care Nursing** 2009; 20:121-125.

- Horinek EL, MacLaren R, Kiser TH, Fish DN. Propylene Glycol Accumulation in Patients Receiving Intravenous Lorazepam Infusions. The 28th Annual Meeting of the American College of Clinical Pharmacy, Louisville, KY. October 19-22, 2008. **Pharmacotherapy** 2008; 28:130e (abstract 51).
11. Scott Mueller, Pharm.D., BCCCP (Critical Care Resident, 2008-2009): Assistant Professor of Pharmacy, Department of Clinical Pharmacy, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences; and Clinical Specialist in Critical Care, UCHealth/University of Colorado Hospital, Aurora, CO.
- Mueller S, Kiser T, MacLaren R, Fish DN. Pre-filter bivalirudin for preventing hemofilter occlusion in continuous renal replacement therapy. **Annals of Pharmacotherapy** 2009; 43:1360-1365.
 - Mueller SW, Winn R, Macht M, Fish DN, Kiser TH, MacLaren R. Neuromuscular blockade resistance during therapeutic hypothermia. **Annals of Pharmacotherapy** 2011; 45: e-publication March 8.
12. Sarah (Carson) Scoular, Pharm.D., BCPS (Critical Care Resident, 2009-10): Clinical Assistant Professor, Department of Clinical Pharmacy, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences; and Clinical Specialist in Internal Medicine, UCHealth/University of Colorado Hospital, Aurora, CO. Formerly Clinical Pharmacist in Internal Medicine/Infectious Diseases, Exempla St. Joseph Hospital, Denver, CO.
13. Lynn (Anliker) Kassel, Pharm.D., BCPS (Critical Care Resident, 2010-2011): Assistant Professor of Pharmacy, Department of Pharmacy Practice, Drake University College of Pharmacy & Health Sciences. Formerly Assistant Professor of Pharmacy, Department of Pharmacy Practice, University of Missouri School of Pharmacy, Columbia, MO; and Clinical Specialist in Cardiology/Critical Care, University of Missouri Hospital and Clinics, Columbia, MO.
- MacLaren R, Kassel LE, Kiser TH, Fish DN. Proton Pump Inhibitors and Histamine-2 Receptor Antagonists in the Intensive Care Setting: Focus on Therapeutic and Adverse Events. **Expert Opinion on Drug Safety** 2015; 14:269-280.
 - Anliker L, Kiser T, Fish D, Sherman D, MacLaren R, Neumann R. Evaluation of vancomycin and cefepime pharmacokinetics in critically ill neurosurgical patients. 41st Critical Care Congress of the Society of Critical Care Medicine, Houston, TX. February 4-8, 2011. **Critical Care Medicine** 2011; 39(Suppl):abstract 694.
 - Anliker L, Kiser T, Fish D, MacLaren R. Pharmacokinetic analysis of medication clearance for critically ill patients receiving continuous renal replacement therapy. 41st Critical Care Congress of the Society of Critical Care Medicine, Houston, TX. February 4-8, 2011. **Critical Care Medicine** 2011; 39(Suppl):abstract 737.
 - Anliker L, Foster C, Kiser T, Mueller S, Sherman D, MacLaren R, Neumann R, Fish D. A pharmacokinetic evaluation of vancomycin and cefepime in critically ill neurosurgical patients.. 42nd Critical Care Congress of the Society of Critical Care Medicine, San Juan, Puerto Rico. January 19-23, 2013. **Critical Care Medicine** 2012; 40(Suppl):abstract 935.

- Kassel L, Van Matre E, Foster C, Kiser T, MacLaren R, Mueller S, Sherman D, Wempe M, Neumann R, Fish D. A Randomized Pharmacokinetic and Pharmacodynamic Evaluation of Every 8-hour and 12-hour Dosing Strategies of Vancomycin and Cefepime in Neurocritically Ill Patients. **Pharmacotherapy** 2018; e-pub June 15: doi.org/10.1002/phar.2156.

14. Kelly Schoeppler, Pharm.D., BCPS (Critical Care Resident, 2011-2012): Clinical Specialist in Lung Transplantation, UCHealth/University of Colorado Hospital, Aurora, CO. Formerly Clinical Specialist in Critical Care/Cardiothoracic Intensive Care and Solid Organ Transplantation, UCHealth/University of Colorado Hospital, Aurora, CO.

- Schoeppler KE, Aquilante CL, Kiser TH, Fish DN, Zamora MR. The impact of genetic polymorphisms, diltiazem, and demographic variables on everolimus concentrations in lung transplant recipients. Accepted for publication, **Clinical Transplantation** 2014; 28:590-597.
- Schoeppler K, Kiser T, Mueller S, MacLaren R, Sherman D, Fish D. An evaluation of voriconazole and posaconazole therapeutic drug monitoring. 42nd Critical Care Congress of the Society of Critical Care Medicine, San Juan, Puerto Rico. January 19-23, 2013. **Critical Care Medicine** 2012; 40(Suppl):abstract 921.

15. Charlie Foster, Pharm.D., BCPS, BCCCP (Critical Care Resident, 2011-2012): Clinical Specialist in Critical Care/Burn Intensive Care, UCHealth/University of Colorado Hospital, Denver, CO. Formerly Clinical Pharmacist, Centura St. Anthony Central Medical Center, Lakewood, CO; and Clinical Specialist in Critical Care, UCHealth/University of Colorado Hospital, Aurora, CO.

- Foster C, Mueller S, Vanderweide L, Kiser T, Fish D, MacLaren R. Addition of dexmedetomidine to the standard of care for severe alcohol withdrawal. 42nd Critical Care Congress of the Society of Critical Care Medicine, San Juan, Puerto Rico. January 19-23, 2013. **Critical Care Medicine** 2012; 40(Suppl):abstract 121.
- Anliker L, Foster C, Kiser T, Mueller S, Sherman D, MacLaren R, Neumann R, Fish D. A pharmacokinetic evaluation of vancomycin and cefepime in critically ill neurosurgical patients.. 42nd Critical Care Congress of the Society of Critical Care Medicine, San Juan, Puerto Rico. January 19-23, 2013. **Critical Care Medicine** 2012; 40(Suppl):abstract 935.
- Kassel L, Van Matre E, Foster C, Kiser T, MacLaren R, Mueller S, Sherman D, Wempe M, Neumann R, Fish D. A Randomized Pharmacokinetic and Pharmacodynamic Evaluation of Every 8-hour and 12-hour Dosing Strategies of Vancomycin and Cefepime in Neurocritically Ill Patients. **Pharmacotherapy** 2018; e-pub June 15: doi.org/10.1002/phar.2156.

16. Courtney Shakowski, Pharm.D., BCPS, BCCCP (Critical Care Resident, 2012-2013): Clinical Specialist in Critical Care/Cardiology, UCHealth/University of Colorado Hospital, Aurora, CO.

- Shakowski C, Page R, Fish D, Stolpman N. The Colorado Aurora theater shooting: lessons learned in the department of Pharmacy from a single center perspective. **American Journal of Health-System Pharmacy** 2014; 71:781-782.
- Shakowski C, Mueller S, Goolsby T, Fish DN. Adherence to IDSA guidelines in the treatment of acute uncomplicated pyelonephritis in the Emergency department (ED). 53rd Annual Meeting of the American Society for Microbiology, Denver, CO. September 10-13, 2013. **Abstracts of**

the 53rd Interscience Conference on Antimicrobial Agents and Chemotherapy 2013:
abstract L-738.

17. Paul Reynolds, Pharm.D., BCCCP, BCPS (Critical Care Resident, 2012-2013): Assistant Professor, Department of Clinical Pharmacy, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences; and Clinical Specialist in Critical Care, UHealth/University of Colorado Hospital, Aurora, CO. Formerly Medical Product Specialist, Micromedex/Truven Health Analytics, Greenwood Village, CO; and Clinical Specialist in Critical Care, UHealth/University of Colorado Hospital, Aurora, CO.
 - Reynolds P, MacLaren R, Mueller S, Fish DN, Kiser T. Management of extravasation injuries: a focused evaluation of non-cytotoxic medications. **Pharmacotherapy** 2014; 34:617-632.
18. Amanda Morris, Pharm.D., BCPS, BCCCP (Critical Care Resident, 2013-2014): Clinical Specialist in Critical Care and PGY1 Residency Program Director, University of California San Francisco Medical Center, San Francisco, CA.
 - Morris AA, Page RL, Baumgartner LJ, Mueller SW, MacLaren R, Fish DN, Kiser TH. Thiocyanate accumulation in critically ill patients receiving nitroprusside infusions. **Journal of Intensive Care Medicine** 2016; e-pub DOI: 10.1177/0885066616657004.
 - Saavedra M, Poch KR, Casciano M, Kiser TH, Fish D, Morris A, Nichols DP, Taylor-Cousar JL, Strand M, Nick JA. Efficacy and Safety of Colistin Compared to Tobramycin for Intravenous Treatment of Acute Pulmonary Exacerbations in Adults with Cystic Fibrosis. **American Journal of Respiratory and Critical Care Medicine** 191:2015:A1460.
 - Morris A, Page RL, Mueller S, MacLaren R, Fish DN, Kiser T. Thiocyanate accumulation in critically ill patients receiving nitroprusside infusions. 44th Critical Care Congress of the Society of Critical Care Medicine, Phoenix, AZ. January 17-21, 2015. **Critical Care Medicine** 2014; 42(Suppl):abstract 644.
19. Laura Baumgartner, Pharm.D., BCPS, BCCCP (Critical Care Resident, 2013-2014): Assistant Professor of Pharmacy, Department of Pharmacy Practice, and PGY1 Residency Program Director, Touro University College of Pharmacy, Vallejo, CA; and Clinical Pharmacist in Critical Care/Trauma, Alameda Health System-Highlands Hospital, Oakland, CA. Formerly Clinical Pharmacist in Critical Care/Trauma, San Francisco General Hospital, San Francisco, CA.
 - Mueller S, Baumgartner L, Neumann R, Cava L, MacLaren R, Kiser T, Fish D, Janoff E. Assessment of 23-valent pneumococcal vaccine response in critically-ill neurosurgical patients. 45th Critical Care Congress of the Society of Critical Care Medicine, Orlando, FL. February 20-24, 2016. **Critical Care Medicine** 2015; 43(Suppl):abstract 474.
 - Mueller SW, Baumgartner LJ, Lindberg G, Wiktor A, MacLaren R, Kiser T, Fish D, Janoff EN. Assessment of 23-valent pneumococcal vaccine response in critically-ill burn patients. **Am J Pharm Educ** 2015;79(5): ArticleS4:131. American Association of Colleges of Pharmacy 2015 Annual Meeting, Washington, DC.

20. Nicole (Kelly) Paavola, Pharm.D., BCCCP (Critical Care Resident, 2014-2015): Clinical Specialist in Emergency Medicine, UCHealth/University of Colorado Hospital, Aurora, CO.
- Paavola N, Kiser T, Fish D, MacLaren R, Mueller S, Lindberg G, Moine P. Pharmacokinetic evaluation of continuous and extended-infusion antibiotics in burn patients. 46th Critical Care Congress of the Society of Critical Care Medicine, Honolulu, HI. January 21-25, 2017. **Critical Care Medicine** 2016; 44(Suppl):abstract 704.
 - Lindberg G, Moine P, Paavola N, Kiser T, Fish D, Mueller S. Bolus and Continuous Infusion of Antibiotics Achieves Therapeutic Levels Better Than Traditional Dosing In Burn Patients. 50th Annual Meeting of the American Burn Association, Chicago, IL. April 10-13, 2018. **ABA Annual Meeting Abstracts** 2018; abstract 201.
21. Lauren Roller, Pharm.D., BCCCP (Critical Care Resident, 2014-2015): Assistant Professor of Pharmacy, Department of Pharmacy Practice, Touro University College of Pharmacy, Vallejo, CA; and Clinical Pharmacist in Critical Care/Trauma and PGY1 Residency Program Director, Alameda Health System-Highlands Hospital, Oakland, CA. Formerly Clinical Pharmacist in Critical Care/Trauma, San Francisco General Hospital, San Francisco, CA.
- Roller L, MacLaren R, Kiser T, Mueller S, Fish D, Wischmeyer P. The influence of acid suppressants on oral and fecal microbiomes in critically ill patients. 2015 American College of Clinical Pharmacy Annual Meeting. San Francisco, CA. October 17-21, 2015. **Pharmacotherapy** 2015; 35: abstract 360.
22. Kimberly Won, Pharm.D. (Critical Care Resident, 2015-2016): Assistant Professor of Pharmacy, Department of Pharmacy Practice, and Clinical Pharmacist in Emergency Medicine, Chapman University School of Pharmacy, Irvine, CA.
- Won KJ, Jacknin G, Hatten BW, Fish DN. Parenteral lidocaine to treat symptomatic nephrolithiasis. SAEM 2017: **Annual Meeting of the Society for Academic Emergency Medicine**, Orlando, FL. May 17-19, 2017.
23. Jacob Beyer, Pharm.D. (Critical Care Resident, 2015-2016): Clinical Specialist in Critical Care, UCHealth/University of Colorado Hospital, Aurora, CO.
- Beyer J, Schoeppler K, Zanotti G, Weiss G, Mueller S, MacLaren R, Fish DN, Kiser TH. Antithrombin administration during intravenous heparin anticoagulation in the intensive care unit: A single-center matched retrospective cohort study. **Clinical and Applied Thrombosis/Hemostasis** 2016; e-pub DOI: 10.1177/1076029616668407.

24. Edward Van Matre, Pharm.D., BCCCP (Critical Care Resident, 2015-2016): Assistant Professor of Pharmacy, Department of Clinical Pharmacy and Translational Sciences, University of Tennessee College of Pharmacy, Memphis, TN. Formerly Fellow in Critical Care, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, Aurora, CO.
- Van Matre E, Mueller S, Neumann R, Cava L, MacLaren R, Fish D, Kiser T. Levetiracetam pharmacokinetics in a patient with intracranial hemorrhage undergoing CVVH. 46th Critical Care Congress of the Society of Critical Care Medicine, Honolulu, HI. January 21-25, 2017. **Critical Care Medicine** 2016; 44(Suppl):abstract 1843. (SCCM Abstract Award winner)
25. Shelby Evans, Pharm.D.: (Critical Care Resident, 2016-2017): Critical Care Pharmacist, UCHealth/Memorial Medical Center, Colorado Springs, CO.
- Project: Microbiome changes in critically ill patients receiving proton pump inhibitors for stress ulcer prophylaxis.
 - Evans S, Kiser TH. Evaluating the role of isavuconazonium sulfate in the management of invasive fungal infections. **Critical Care Medicine** December 2016;44(12) Abstract 695
26. Jason Detry, Pharm.D.: (Critical Care Resident, 2016-2017): Lead Pharmacist in Emergency Medicine, Cabell Huntington Hospital, Huntington, WV.
- Detry J, Shakowski C, McIlvennan C, Brieke A, Page R, Fish D, Mueller S. Perioperative prophylaxis in left ventricular assist device implantation. 46th Critical Care Congress of the Society of Critical Care Medicine, Honolulu, HI. January 21-25, 2017. **Critical Care Medicine** 2016; 44(Suppl):abstract 639. (SCCM Abstract Award winner)
 - Shakowski C, Detry J, MacLaren R, Lyda C, Kiser TH, Mandell S, Mueller SW. Perioperative 4-factor prothrombin complex concentrate versus factor VIIa in liver transplantation. **Critical Care Medicine** December 2016;44(12) Abstract 595
27. Cora Housley, Pharm.D. (Critical Care Resident, 2017-2018): Assistant Professor of Pharmacy, Department of Pharmacy Practice, University of Kansas School of Pharmacy, Lawrence, KS.
- Housley C, Trujillo T, Kiser TH, VanMatre E, MacLaren R, Fish DN, Reynolds P, Mueller S. Evaluation of an Institutional Fixed-dose 4-factor PCC protocol. *Critical Care Medicine* 2019 47(1):430 Abstract 903
28. Craig Furnish, Pharm.D. (Critical Care Resident, 2018-2019): Neurology Clinical Pharmacy Specialist, University of Colorado Hospital.
- Furnish C, Mueller SW, Kiser TH, Dufficy L, Sullivan B, Beyer JT. Hydroxocobalamin Versus Methylene Blue for Vasoplegic Syndrome in Cardiothoracic Surgery: A Retrospective Cohort. *J Cardiothorac Vasc Anesth.* 2020 Jul;34(7):1763-1770. doi: 10.1053/j.jvca.2020.01.033.
 - Furnish C, Wagner S, Dangler A, Schwarz K, Trujillo T, Stolpman N, May S. Evaluation of Medication Administration Timing-Are We Meeting Our Goals? *J Pharm Pract.* 2021 Oct;34(5):750-754. doi: 10.1177/0897190020905456. Epub 2020 Feb 19.

29. Victoria Stevens, Pharm.D. (Critical Care Resident, 2018-2019):

- Stevens VM, Kiser TH. Key Takeaways From the 2019 Antibiotic Resistance Threats Report by the CDC. *Respiratory Medicine* May 21, 2020. <https://www.practiceupdate.com/content/key-takeaways-from-the-2019-antibiotic-resistance-threats-report-by-the-cdc/99612/65/20/1#commentarea>
- Stevens VM, Mueller SW, Reynolds PM, MacLaren R, Kiser TH. Extrapolating Antifungal Animal Data to Humans - Is it reliable? *Curr Fungal Infect Rep.* 2020 Mar;14(1):50-62. doi: 10.1007/s12281-020-00370-x. Epub 2020 Jan 16.
- Stevens VM, Trujillo T, Mueller SW, MacLaren R, Reynolds PM, Kiser TH. Coagulation Factor Xa (Recombinant), Inactivated-Zhzo (Andexanet Alfa) Hemostatic Outcomes and Thrombotic Event Incidence at an Academic Medical Center. *Clin Appl Thromb Hemost.* 2019 Jan-Dec;25:1076029619896619. doi: 10.1177/1076029619896619.

30. Mary Bradley, Pharm.D., BCCCP (Critical Care Resident, 2019-2020): Critical Care Pharmacy Specialist, University of Arkansas Medical Center.

- Bradley M, Kiser TH, Mueller SW, Reynolds PM, MacLaren R. Correlation Between and Nursing Satisfaction With CIWA-Ar, mMINDS, and SEWS Scoring Tools for the Assessment of Severe Alcohol Withdrawal Syndrome in ICU Patients. *Ann Pharmacother.* 2022 Jun 17:10600280221102562. doi: 10.1177/10600280221102562.
- Bradley M, Bull T, Hountras P, MacLaren R. Pragmatic Use of Catheter-Directed Thrombolysis in Venous Thromboembolism and a Comparative Evaluation With Traditional Therapies in Submassive Pulmonary Embolism. *J Pharm Pract.* 2022 Oct;35(5):738-746. doi: 10.1177/08971900211004833. Epub 2021 Apr 7.
- Novak AR, Bradley ME, Kiser TH, Mueller SW. Azole-resistant *Aspergillus* and Echinocandin-resistant *Candida* - What are the treatment options? *Curr Fungal Infect Rep.* 2020 Jun;14(2):141-152. doi: 10.1007/s12281-020-00379-2. Epub 2020 Mar 26.

31. Alison Novak, Pharm.D., BCCCP (Critical Care Resident, 2019-2020): Critical Care Pharmacy Specialist, Clinical Pharmacy Supervisor, Intermountain Healthcare.

- Novak AR, Bradley ME, Kiser TH, Mueller SW. Azole-resistant *Aspergillus* and Echinocandin-resistant *Candida* - What are the treatment options? *Curr Fungal Infect Rep.* 2020 Jun;14(2):141-152. doi: 10.1007/s12281-020-00379-2. Epub 2020 Mar 26.
- Novak AR, Krsak M, Kiser TH, Neumann RT, Cava Prado L, Molina KC, Mueller SW. Pharmacokinetic Evaluation of Cefazolin in the Cerebrospinal Fluid of Critically Ill Patients. *Open Forum Infect Dis.* 2021 Dec 25;9(2):ofab649. doi: 10.1093/ofid/ofab649. eCollection 2022 Feb.
- Novak AR, Shakowski C, Trujillo TC, Wright GC, Mueller SW, Kiser TH. Evaluation of safety and efficacy outcomes of direct oral anticoagulants versus warfarin in normal and extreme body

weights for the treatment of atrial fibrillation or venous thromboembolism. *J Thromb Thrombolysis*. 2022 Aug;54(2):276-286. doi: 10.1007/s11239-022-02668-8. Epub 2022 Jun 10.

32. Julie Farrar, Pharm.D. (Critical Care Resident, 2020-2021): Assistant Professor, University of Tennessee College of Pharmacy.

- Farrar JE, Mueller SW, Stevens V, Kiser TH, Taleb S, Reynolds PM. Correlation of antimicrobial fraction unbound and sieving coefficient in critically ill patients on continuous renal replacement therapy: a systematic review. *J Antimicrob Chemother*. 2022 Feb 2;77(2):310-319. doi: 10.1093/jac/dkab396.
- Farrar JE, Trujillo TC, Mueller SW, Beltran L, Nguyen C, Hassell K, Kiser TH. Evaluation of a patient specific, targeted-intensity pharmacologic thromboprophylaxis protocol in hospitalized patients with COVID-19. *J Thromb Thrombolysis*. 2022 Feb;53(2):446-453. doi: 10.1007/s11239-021-02552-x. Epub 2021 Aug 19.

33. Sonya Kedzior, Pharm.D. (Critical Care Resident, 2020-2021): Critical Care Pharmacy Specialist, University of Colorado Hospital

- Kedzior SK, Jacknin G, Hudler A, Mueller SW, Kiser TH. A Severe Case of Diabetic Ketoacidosis and New-Onset Type 1 Diabetes Mellitus Associated with Anti-Glutamic Acid Decarboxylase Antibodies Following Immunotherapy with Pembrolizumab. *Am J Case Rep*. 2021 Jun 29;22:e931702. doi: 10.12659/AJCR.931702.
- Mueller SW, Kedzior SK, Miller MA, Reynolds PM, Kiser TH, Krsak M, Molina KC. An overview of current and emerging antifungal pharmacotherapy for invasive fungal infections. *Expert Opin Pharmacother*. 2021 Jul;22(10):1355-1371. doi: 10.1080/14656566.2021.1892075. Epub 2021 Apr 21.

34. Sterling Crenshaw (Torian), Pharm.D. (Critical Care Resident, 2021-2022): Critical Care Pharmacy Specialist, Vanderbilt University Medical Center

- Torian SC, Wiktor AJ, Roper SE, Laramie KE, Miller MA, Mueller SW. Burn Injury and Augmented Renal Clearance: A Case for Optimized Piperacillin-Tazobactam Dosing. *J Burn Care Res*. 2022 Sep 29;irac138. doi: 10.1093/jbcr/irac138.
- Torian SC, Kiser TH, Reynolds P, MacLaren R, Wright G, Vandivier RW, Burnham E, Moss M, Ho PJM, Maloney J, Mueller SW. Corticosteroids for *Pneumocystis jirovecii* Pneumonia in HIV-Negative Critically Ill Patients. *Critical Care Medicine* 2022: ahead of print. Society of Critical Care Medicine Congress, San Francisco, California. January 2023.

35. Sylvia Stefanos, Pharm.D. (Critical Care Resident, 2021-2022)

- Projects: Extravasation management review, others TBD

Critical Care/Infectious Diseases Research Fellows

1. Rebecca Malone, Pharm.D., BCPS (Infectious Diseases/Pharmacokinetics Fellowship, 1997-1999): Clinical Pharmacist at the University of Arizona Medical Center, Tucson, AZ.
 - Malone RS, Fish DN, Spiegel DM, Peloquin CA. Effects of hemodialysis on cycloserine, ethionamide, para-aminosalicylic acid and clofazimine. **Chest** 1999; 116:984-990.
 - Malone RS, Fish DN, Spiegel DM, Peloquin CA. Effects of hemodialysis on isoniazid, rifampin, pyrazinamide and ethambutol. **American Journal of Respiratory and Critical Care Medicine** 1999;159:1580-1584.
 - Malone RS, Fish DN, Abraham E, Teitelbaum I. Pharmacokinetics of cefepime during continuous renal replacement therapy in critically ill patients. **Antimicrobial Agents and Chemotherapy** 2001; 45:3148-3155.
 - Malone RS, Fish DN, Teitelbaum I, Abraham E. Pharmacokinetics of levofloxacin and ciprofloxacin during continuous renal replacement therapy in critically ill patients. **Antimicrobial Agents and Chemotherapy** 2001; 45:2949-2954.
 - Malone RS, Fish DN, Spiegel DM, Peloquin CA. Effect of hemodialysis on cycloserine, ethionamide, clofazimine, and para-aminosalicylate. 36th Annual Meeting of the Infectious Diseases Society of America, Denver, CO. November 1998. **Clinical Infectious Diseases** 1998; 27:968 (abstract 256).
 - Malone RS, Fish DN, Spiegel DM, Peloquin CA. Effect of hemodialysis on isoniazid, rifampin, pyrazinamide and ethambutol. 38th Annual Meeting of the American Society for Microbiology, San Diego, CA. September, 1998. **Abstracts of the 38th Interscience Conference on Antimicrobial Agents and Chemotherapy** 1998:30 (abstract A96).
 - Malone RS, Fish DN, Teitelbaum I, Abraham E. Pharmacokinetics of cefepime during continuous renal replacement therapy (CRRT). 37th Annual Meeting of the Infectious Diseases Society of America, Philadelphia, PA. November 1999. **Clinical Infectious Diseases** 1999; 29:977 (abstract 89).

2. Marilee Obritsch, Pharm.D., BCPS (Critical Care/Infectious Diseases Fellowship, 2003-2004): Clinical Pharmacist, Regional Health/Rapid City Regional Hospital, Rapid City, SD. Formerly Clinical Pharmacist, Indian Health Service/Public Health Service Clinics, Juneau, AK; Clinical Specialist in Critical Care, Hillcrest Medical Center, Tulsa, OK; and Assistant Professor of Pharmacy, Department of Pharmacy Practice, University of Oklahoma College of Pharmacy (Tulsa Campus), Tulsa, OK.
 - Jung R, Fish DN, Obritsch MD, MacLaren R. Surveillance of multi-drug resistant *Pseudomonas aeruginosa* in an urban tertiary-care teaching hospital. **Journal of Hospital Infection** 2004; 57:105-111.
 - Kiser T, Fish DN, Obritsch MD, Jung R, MacLaren M, Parikh CR. Vasopressin, not octreotide, may be beneficial in the treatment of hepatorenal syndrome: a retrospective study. **Nephrology Dialysis Transplantation** 2005; 20:1813-1820.

- Obritsch M, Fish DN, MacLaren R, Jung R. Nosocomial infections due to multidrug resistant *Pseudomonas aeruginosa*: a focus on epidemiology and treatment options. **Pharmacotherapy** 2005; 25:1353-1364.
 - Kiser TH, Hoody DW, Obritsch MD, Wegzyn CO, Bauling PC, Fish DN. Evaluation of levofloxacin pharmacokinetics and pharmacodynamics in patients with severe burn injury. **Antimicrobial Agents and Chemotherapy** 2006; 50:1937-1945.
 - MacLaren R, Obritsch MD, Sherman DS, Jung R, Fish DN. Assessing adherence to an intravenous pantoprazole guideline. **Journal of Pharmacy Technology** 2006; 22:15-21.
 - Kiser TH, Obritsch MD, MacLaren R, Jung R, Fish DN. Efflux pump contribution to multi-drug resistance in clinical isolates of *Pseudomonas aeruginosa*. **Pharmacotherapy** 2010; 30: 632-638.
 - Kiser T, Obritsch M, Fish DN, MacLaren R, Jung R. Evaluation of efflux pumps in multidrug-resistant *Pseudomonas aeruginosa*. The 26th Annual Meeting of the American College of Clinical Pharmacy, St. Louis, MO. October 26-29, 2006. **Pharmacotherapy** 2006; 26:e114 (abstract 413).
 - Kiser TH, Hoody DW, Obritsch MD, Bauling PC, Fish DN. Evaluation of Levofloxacin Pharmacokinetics and Pharmacodynamics in Patients with Severe Burn Injury. 35th Critical Care Congress of the Society of Critical Care Medicine, San Francisco, CA, 2006. **Critical Care Medicine** 2005;33(Suppl):A97(abstract 240-T).
 - Kiser TH, Obritsch MD, Fish DN, MacLaren R, Jung R. Efflux pump contribution to multidrug-resistance in *Pseudomonas aeruginosa*. 47th Annual Meeting of the American Society for Microbiology, Chicago, IL. September 16-19, 2007. **Abstracts of the 47th Interscience Conference on Antimicrobial Agents and Chemotherapy** 2007: abstract C2-1502.
3. Ty Kiser, Pharm.D., BCPS (Critical Care/Infectious Diseases Fellowship, 2004-2006): Associate Professor of Pharmacy, Department of Clinical Pharmacy, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences; and Clinical Specialist in Critical Care, UHealth/University of Colorado Hospital, Aurora, CO.
- Kiser T, Fish DN. Evaluation of Bivalirudin Treatment for Heparin Induced Thrombocytopenia in Critically Ill Patients with Hepatic and/or Renal Dysfunction. **Pharmacotherapy** 2006; 26:452-460.
 - MacLaren R, Kiser T, Jung R, Fish DN. Formulary substitution of proton pump inhibitors based on acquisition price: changes in usage and costs of acid-suppressant therapies. **Pharmacy & Therapeutics** 2006; 31:2-7.
 - Kiser TH, Hoody DW, Obritsch MD, Wegzyn CO, Bauling PC, Fish DN. Evaluation of levofloxacin pharmacokinetics and pharmacodynamics in patients with severe burn injury. **Antimicrobial Agents and Chemotherapy** 2006; 50:1937-1945.

- Kiser TH, Obritsch MD, MacLaren R, Jung R, Fish DN. Efflux pump contribution to multi-drug resistance in clinical isolates of *Pseudomonas aeruginosa*. **Pharmacotherapy** 2010; 30: 632-638.
 - Kiser TH, Fish DN, Zamora MR. Evaluation of valganciclovir pharmacokinetics in lung transplant recipients. **Journal of Heart Lung Transplantation** 2012; 31:159-166.
 - Kiser T, Jung R, MacLaren R, Fish DN. Evaluation of Bivalirudin Treatment for Heparin Induced Thrombocytopenia (HIT) in Critically Ill Patients with Hepatic and/or Renal Dysfunction. The 25th Annual Meeting of the American College of Clinical Pharmacy, San Francisco, CA. October, 2005. **Pharmacotherapy** 2005; 25:1440 (abstract 65).
 - Kiser TH, Hoody DW, Obritsch MD, Bauling PC, Fish DN. Evaluation of Levofloxacin Pharmacokinetics and Pharmacodynamics in Patients with Severe Burn Injury. 35th Critical Care Congress of the Society of Critical Care Medicine, San Francisco, CA, 2006. **Critical Care Medicine** 2005;33(Suppl):A97(abstract 240-T).
 - Kiser T, Obritsch M, Fish DN, MacLaren R, Jung R. Evaluation of efflux pumps in multidrug-resistant *Pseudomonas aeruginosa*. The 26th Annual Meeting of the American College of Clinical Pharmacy, St. Louis, MO. October 26-29, 2006. **Pharmacotherapy** 2006; 26:e114 (abstract 413).
 - Kiser TH, Obritsch MD, Fish DN, MacLaren R, Jung R. Efflux pump contribution to multidrug-resistance in *Pseudomonas aeruginosa*. 47th Annual Meeting of the American Society for Microbiology, Chicago, IL. September 16-19, 2007. **Abstracts of the 47th Interscience Conference on Antimicrobial Agents and Chemotherapy** 2007: abstract C2-1502.
4. Scott Mueller, Pharm.D., BCCCP (Critical Care/Infectious Diseases Fellowship, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, 2009-2011): Assistant Professor of Pharmacy, Department of Clinical Pharmacy, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences; and Clinical Specialist in Critical Care, UCHealth/University of Colorado Hospital, Aurora, CO.
- Mueller SW, Preslaski CR, Kiser TH, Fish DN, Lavelle JC, Malkoski SP, MacLaren R. A randomized, double-blind, placebo controlled, dose range study of dexmedetomidine as adjunctive therapy for alcohol withdrawal. **Critical Care Medicine** 2014; 39:658-662.
 - Preslaski CR, Mueller SW, Kiser TH, Fish DN, MacLaren R. A survey of prescriber perceptions about the prevention of stress-related mucosal bleeding in the intensive care unit. **Journal of Clinical Pharmacy and Therapeutics** 2014; 39:658-662.
 - MacLaren R, Preslaski CR, Mueller SW, Kiser TH, Fish DN, LaVelle JC, Malkoski SP. A randomized, double-blind pilot study of dexmedetomidine versus midazolam for intensive care unit sedation: patient recall of their experiences and short-term psychological outcomes. **Journal of Intensive Care Medicine** 2015; 30:167-175.

- VanderWeide L, Foster C, MacLaren R, Kiser T, Fish DN, Mueller S. Evaluation of early dexmedetomidine addition to the standard of care for severe alcohol withdrawal in the ICU: a retrospective controlled cohort study. **Journal of Intensive Care Medicine** 2016; 31:198-204.
 - Preslaski C, Mueller S, Kiser T, Fish D, MacLaren R. Dexmedetomidine vs. midazolam for facilitating extubation in medical and surgical ICU patients: a randomized, double-blind study. 42nd Critical Care Congress of the Society of Critical Care Medicine, San Juan, Puerto Rico. January 19-23, 2013. **Critical Care Medicine** 2012; 40(Suppl):abstract 1111.
 - Mueller SW, Preslaski CR, Kiser TH, Lavelle JC, Fish DN, Malkoski SP, MacLaren R. A randomized, double-blind, placebo controlled, dose escalation study of dexmedetomidine as adjunctive therapy for alcohol withdrawal. 26th European Society of Intensive Care Medicine Annual Congress. Paris, France. October 5-9, 2013. **26th ESICM Abstracts 2013**; abstract 0909.
 - MacLaren R, Preslaski CR, Mueller SW, Kiser TH, Fish DN, LaVelle JC, Malkoski SP. A randomized, double-blind study of dexmedetomidine versus midazolam for ICU sedation: patient recall of their experiences and short-term psychological outcomes. 26th European Society of Intensive Care Medicine Annual Congress. Paris, France. October 5-9, 2013. **26th ESICM Abstracts 2013**; abstract 0911.
5. Candice Preslaski, Pharm.D., BCPS, BCCCP (Fellow in Critical Care/Infectious Diseases, 2011-2012): Clinical Pharmacy Specialist, Surgical ICU, Denver Health Medical Center, Denver, CO.
- Preslaski CR, Mueller SW, Kiser TH, Fish DN, MacLaren R. A survey of prescriber perceptions about the prevention of stress-related mucosal bleeding in the intensive care unit. **Journal of Clinical Pharmacy and Therapeutics** 2014; 39:658-662.
 - Preslaski C, Kiser T, Fish D, MacLaren R, Lindberg G. Evaluation of amikacin pharmacokinetics and pharmacodynamics in burn intensive care unit patients. 42nd Critical Care Congress of the Society of Critical Care Medicine, San Juan, Puerto Rico. January 19-23, 2013. **Critical Care Medicine** 2012; 40(Suppl):abstract 918.
 - Preslaski C, Mueller S, Kiser T, Fish D, MacLaren R. Dexmedetomidine vs. midazolam for facilitating extubation in medical and surgical ICU patients: a randomized, double-blind study. 42nd Critical Care Congress of the Society of Critical Care Medicine, San Juan, Puerto Rico. January 19-23, 2013. **Critical Care Medicine** 2012; 40(Suppl):abstract 1111.
 - Preslaski C, MacLaren R, Mueller S, Kiser T, Fish DN. A survey of prescriber perceptions about stress ulcer prophylaxis in the ICU. 43rd Critical Care Congress of the Society of Critical Care Medicine, San Francisco, CA. January 9-13, 2014. **Critical Care Medicine** 2013; 41(Suppl):abstract 732.

6. Edward Van Matre, Pharm.D., BCCCP (Fellow in Critical Care, 2016-2018): Assistant Professor of Pharmacy, Department of Clinical Pharmacy and Translational Sciences, University of Tennessee College of Pharmacy, Memphis, TN. Current Medical Student at the University of Missouri School of Medicine.
 - Van Matre ET, Mueller SW, Fish DN, MacLaren R, Cava LF, Neumann RT, Kiser TH. Levetiracetam pharmacokinetics in a patient with intracranial hemorrhage undergoing continuous veno-venous hemofiltration. **American Journal of Case Reports** 2017; 18:458-462.
 - Van Matre ET, Mueller SW, Quinn K, Doenges K, Armstrong M, Kiser TH, MacLaren R, Fish DN, Reisdorph R, Reisdorph N. Comparison of Metabolic Pathways Utilizing Quantitative Plasma Metabolomics in Critically Ill Burn and Neurosurgical Patients. European Society of Intensive Care Medicine Annual Congress, Vienna, Austria. September 23-27, 2017. **Intensive Care Medicine Experimental** 2017, 5(Suppl 2): abstract 0913.
 - Kassel L, Van Matre E, Foster C, Kiser T, MacLaren R, Mueller S, Sherman D, Wempe M, Neumann R, Fish D. A Randomized Pharmacokinetic and Pharmacodynamic Evaluation of Every 8-hour and 12-hour Dosing Strategies of Vancomycin and Cefepime in Neurocritically Ill Patients. **Pharmacotherapy** 2018; e-pub June 15: doi.org/10.1002/phar.2156.
 - Van Matre ET, Ho KC, Lyda C, Fullmer BA, Oldland RA, Kiser TH. Extended Stability of Epinephrine Hydrochloride Injection in Polyvinyl Chloride Bags Stored in Amber Ultraviolet Light-Blocking Bags. **Hospital Pharmacy** 2017;52(8):570-573. DOI: <https://doi.org/10.1177/0018578717721121>
 - Van Matre ET, Sherman DS, Kiser TH. Management of intracerebral hemorrhage--use of statins. **Vasc Health Risk Manag.** 2016 Apr 18;12:153-61. doi: 10.2147/VHRM.S75399.
 - Van Matre ET, Reynolds R, Wright G, Burnham E, Ho M, Moss M, Vandivier RW, Kiser TH. Evaluation of UFH versus LMWH for Pharmacologic Thromboprophylaxis in Patients with Cancer. **Critical Care Medicine** January 2018;1(46):444 Supplement 1, Abstract 921
7. Victoria Stevens, PharmD, BCCCP (Fellow in Critical Care, 2019-2020): Current Critical Care Pharmacy Specialist at the University of Colorado Hospital.
 - Stevens VM, Trujillo TC, Kiser TH, MacLaren R, Reynolds PM, Mueller SW. Retrospective Comparison of Andexanet Alfa and 4-Factor Prothrombin Complex for Reversal of Factor Xa-Inhibitor Related Bleeding. *Clin Appl Thromb Hemost.* 2021 Jan-Dec;27:10760296211039020. doi: 10.1177/10760296211039020.
 - Stevens VM, Mueller SW, Reynolds PM, MacLaren R, Kiser TH. Extrapolating Antifungal Animal Data to Humans - Is it reliable? *Curr Fungal Infect Rep.* 2020 Mar;14(1):50-62. doi: 10.1007/s12281-020-00370-x. Epub 2020 Jan 16.
 - Stevens VM, Trujillo T, Mueller SW, MacLaren R, Reynolds PM, Kiser TH. Coagulation Factor Xa (Recombinant), Inactivated-Zhzo (Andexanet Alfa) Hemostatic Outcomes and Thrombotic Event Incidence at an Academic Medical Center. *Clin Appl Thromb Hemost.* 2019 Jan-Dec;25:1076029619896619. doi: 10.1177/1076029619896619.