

Michael D. Kraft, PharmD, BCNSP, FASPEN

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Professional Licences

Michigan Registered Pharmacist, Approved Preceptor, and Pharmacist Controlled Substance License, License #5302030392

Illinois Registered Pharmacist, License #051.287292

Professional Certification

January 2009 - present Board of Pharmacy Specialties – Nutrition Support Pharmacy, Certification # 208011004 (Initial certification 2009, recertified 2015, 2022, expires December 31, 2029)

Education

September 1995 – Doctor of Pharmacy, University of Michigan College of Pharmacy, Ann Arbor, MI
May 1999

September 1993 – Pre-Pharmacy Curriculum, University of Michigan College of Literature, Science and the Arts, Ann Arbor, MI
May 1995

Post-Graduate Training

July 1999 – June 2000 Specialty Pharmacy Residency: Critical Care and Nutrition Support, University of Tennessee at Memphis, Memphis, TN;
Preceptors/Program Directors: Bradley A. Boucher, PharmD; Rex O. Brown, PharmD; Roland N. Dickerson, PharmD

Professional Experience

September 2017 – present Clinical Professor, University of Michigan College of Pharmacy, Ann Arbor, MI

September 2012 – present Assistant Director – Education and Professional Development, Michigan Medicine, Department of Pharmacy Services, Ann Arbor, MI
(Formerly Assistant Director-Education and Research (2012-2020))

September 2009 – August 2017 Clinical Associate Professor, University of Michigan College of Pharmacy, Ann Arbor, MI

February 2006 – August 2012 Clinical Coordinator, University of Michigan Health System, Department of Pharmacy Services, Ann Arbor, MI

September 2002 – August 2009 Clinical Assistant Professor, University of Michigan College of Pharmacy, Ann Arbor, MI

August 2000 – August 2006 Clinical Pharmacist: Surgery/Surgical ICU/Nutrition Support University of Michigan Health System, Ann Arbor, MI

August 2000 – August 2002 Clinical Instructor, University of Michigan College of Pharmacy Ann Arbor, MI

July 1999 – June 2000 Staff Pharmacist
The Regional Medical Center at Memphis, Memphis, TN

November 1999 – June 2000 Staff Pharmacist
Sam's Club Pharmacy, Wal-Mart Corporation, Bartlett, TN

May 1995 – June 1999 Intern Pharmacist
Arbor Drugs, Ann Arbor, MI

Honors and Awards

April 2023 American Society for Parenteral and Enteral Nutrition (ASPEN) Stanley Serlick Award
https://www.nutritioncare.org/About_ASPEN/Professional_Awards/Past_Recipients/Stanley_Serlick_Awardees/

March 2021 Fellow of the American Society for Parenteral and Enteral Nutrition (FASPEN)

February 2020 Michigan Pharmacists Association Hall of Honor Inductee

February 2017	American Society for Parenteral and Enteral Nutrition (ASPEN) Distinguished Nutrition Support Pharmacist Award
February 2017	Nominated for the American Society for Parenteral and Enteral Nutrition (ASPEN) Board of Directors (not selected)
December 2016	ISMP Cheers Award – American Society for Parenteral and Enteral Nutrition (ASPEN) Parenteral Nutrition Safety Committee https://www.ismp.org/cheers/cheerswinners.asp
February 2015	American Society for Parenteral and Enteral Nutrition (ASPEN) Excellence in Nutrition Support Education Award https://pharmacy.umich.edu/about-college/news/category/faculty-news/dr-mike-kraft-receives-aspn-excellence-nutrition-support-education-award
April 2013	University of Michigan College of Pharmacy Teaching Appreciation Award, P-3 Class
April 2013	Finalist for University of Michigan College of Pharmacy Teaching Excellence Award
April 2011	University of Michigan College of Pharmacy Teaching Appreciation Award, P-4 Class
April 2011	Finalist for University of Michigan College of Pharmacy Teaching Excellence Award
April 2010	Finalist for University of Michigan College of Pharmacy Teaching Excellence Award
April 2005	University of Michigan College of Pharmacy Teaching Appreciation Award, P-3 Class
April 2005	Finalist for University of Michigan College of Pharmacy Teaching Excellence Award
1999 – 2006	Board Member, University of Michigan College of Pharmacy Alumni Board of Governors, elected by University of Michigan College of Pharmacy Alumni 2003 – 2005: Chair of the Board 2005 – 2006: Golf Committee Chair 2003 – 2005: Golf Committee Member 2001 – 2003: Secretary of the Board 2000 – 2006: Coordinator of Alumni-Student Mentoring Program <ul style="list-style-type: none">• Alumni Mentor for Pharmacy Students• Coordinator of the Annual Career Mentoring Forum• Annual Golf Outing and Fund Raiser• Curriculum Committee Member• Experiential Training Committee Member• College of Pharmacy Recruitment Efforts

- College of Pharmacy 125th Anniversary Celebration: Assisted with Golf Outing and Reception, Banquet, Homecoming Tailgate, Marching Band Tribute

May 1999 Class Commencement Speaker, University of Michigan Doctor of Pharmacy Class of 1999, Ann Arbor, MI

April 1999 American Pharmaceutical Association Academy of Students of Pharmacy Senior Recognition Award, University of Michigan College of Pharmacy, Ann Arbor, MI

Research Grants and Awards

Redic K, **Kraft MD**, Mueller BA, Hertig JB, Abel SR. Impact of Including a 2D Virtual USP Chapter <797> Cleanroom Experience on Pharmacy Student Knowledge and Perceptions of Learning Related to Preparation of Compounded Sterile Products (CSP). Gilbert Whitaker Fund for the Improvement of Teaching, Center for Research on Learning and Teaching, University of Michigan (**\$5,995-funded**), December 2014.

<https://pharmacy.umich.edu/about-college/news/category/faculty-news/virtual-reality-helps-students-learn-sterile-compounding-skills>

Redic K, **Kraft MD**, Mueller BA, Hertig JB, Abel SR. Impact of Including a Simulated USP Chapter <797> Cleanroom Experience on Pharmacy Student Knowledge and Perceptions of Learning Related to Preparation of Compounded Sterile Products (CSP). University of Michigan Clinical Simulation Center Grant (\$15,166.00, not funded), August 2014.

Becker C, Brandt A, **Kraft MD**, Moote M, Wagner DS. Use of an InPHARMmercial patient education video for VTE education. University of Michigan Health System Patient Education Advisory Committee (**\$5,000-funds awarded to create professional production of education video**), January 2013.

Video available at: <https://www.youtube.com/watch?v=mhDJ7MyVwGw>

Kraft MD, Wagner DS, Funk KA, Marini BL. Use of an InPHARMmercial patient education video for VTE education: a pilot study. University of Michigan Health System Fostering Innovation Grants (\$10,000, not funded), April 2011.

Alaniz CA, Kangelaris K, **Kraft MD**, Flanders S. The Impact of pharmacist and hospitalist collaboration on improving venous thromboembolism prophylaxis on a general medicine service. ASHP Foundation Hospital Pharmacist-Hospitalist and Treatment Team Grant (\$49,161- 4% effort, not funded), March 2007.

Dimo ME, **Kraft MD**, Walker P, Welage LS, and Wahl W. Outcome and cost analysis of prolonged postoperative ileus after open abdominal surgery. GlaxoSmithKline research grant (**\$52,458- funded, 5% effort**), Feb 2004-Feb 2005.

Kraft MD, DePestel DD, and Carver PL. Oral bioavailability of voriconazole tablets after multiple doses administered as whole tablets compared to crushed tablets. Pfizer, Inc. (\$272,298-not funded), May 2003.

Pasko DA, **Kraft MD**, DePestel DD, and Mueller BA. Clearance of linezolid during continuous renal replacement therapy (CRRT): An *in vitro* investigation. Pharmacia and Upjohn Company (\$10,797.28-not funded), August 2002.

Kraft MD, DePestel DD, Wilensky J, Kauffman CA, and Carver PL. The effect of continuous enteral nutrition on the oral bioavailability of itraconazole oral solution. University of Michigan College of Pharmacy Clinical Research Resources Committee (**\$21,298- funded**), December 2001.

Publications

(* **denotes corresponding author**, *italics denotes student or resident*)

Peer-Reviewed Publications

Song K, Yu M, McLuckie R, O'Brien K, *Harrison M, Nguyen V*, **Kraft M**, Abdelghany O, Phillips MS, Roberts J, Johnston S, *Young CA*, Redic KA. Investigational drug services complexity scoring tool: Development of complexity categories for pharmacy effort to start-up and maintain a clinical trial. *Am J Health-Syst Pharm* 2023 (accepted).

Beechinor RJ, Eche IM, Edmonds N, Mordino J, Serafin H, Roller L, Spracklin T, Hayes G, Hamby A, Mediwala KN, Armstrong DL, Rogers ML, Baje MA, Lee HS, Lee KC, Lepkpowsky M, Li F, Morris M, Quan RJ, Yamamoto C, Ohler KH, **Kraft MD**, Starosta K, Parker T, Poole P. Perceptions of a virtual interview process for pharmacy residents during the COVID-19 pandemic: A multisite survey of residency candidates, preceptors, and residency program directors. *Am J Health-Syst Pharm* 2022; published online May 8, 2022. <https://doi.org/10.1093/ajhp/zxac130>

Kraft MD, Tucker AM, Durfee SM, Jones T, Guenter P, Banko DE, Ayers P, Boullata J, Raymond E, Sacks GS. Parenteral Nutrition Prescribing and Order Review Safety Study: The Need for Pharmacist Intervention. *Nutr Clin Pract* 2021; 36:480-8. First published online December 4, 2020. <https://doi.org/10.1002/ncp.10600>

Farina N, Nordbeck S, Montgomery M, Cordwin L, Blair F, Cherry-Bukowiec J, **Kraft MD**, Pleva MR, Raymond E. Early Enteral Nutrition in Mechanically Ventilated Patients With COVID-19 Infection. *Nutr Clin Pract* 2021; 36:440-8. First published online March 2, 2021. <https://doi.org/10.1002/ncp.10629>

Lashinsky JN, Suhajda JK, Pleva MR, **Kraft MD**. Use of integrated clinical decision support tools to manage parenteral nutrition ordering: Experience from an academic medical center. *Nutr Clin Pract* 2021; 36:418-26. First published online February 21, 2020. <https://doi.org/10.1002/ncp.10469>

Worthington P, Gura KM, **Kraft MD**, Nishikawa R, Guenter P, Sacks GS. Update on the Use of Filters for Parenteral Nutrition: An ASPEN Position Paper. *Nutr Clin Pract* 2021; 36:29-39. First published online October 22, 2020. <https://doi.org/10.1002/ncp.10587>

Vanek VW, Ayers P, **Kraft M**, Bouche JM, Do VT, Durham CW, Guenter P, Hoggle L, Kent S, Molinar LS, Plogsted SW, Poehls JM, Turner P, Van Way III C, American Society for Parenteral and Enteral Nutrition, Academy of Nutrition and Dietetics, American Society of Health-System Pharmacists. A Call to Action for Optimizing the Electronic Health Record in the Parenteral Nutrition Workflow: Executive Summary. *Nutr Clin Pract* 2018; 33:594-6. <https://doi.org/10.1002/ncp.10202> (full article <https://doi.org/10.1002/ncp.10095>)

Vanek VW, Ayers P, **Kraft M**, Bouche JM, Do VT, Durham CW, Guenter P, Hoggle L, Kent S, Molinar LS, Plogsted SW, Poehls JM, Turner P, Van Way III C, American Society for Parenteral and Enteral Nutrition, Academy of Nutrition and Dietetics, American Society of Health-System Pharmacists. A Call to Action for Optimizing the Electronic Health Record in the Parenteral Nutrition Workflow. *Nutr Clin Pract* 2018; 33:e1-e21 (First published online July 25, 2018). DOI: 10.1002/ncp.10095. <https://doi.org/10.1002/ncp.10095>
Jointly published in: *Am J Health-Syst Pharm* 2018; 75:1400-20 (DOI: 10.2146/ajhp180276) and *J Acad Nutr Diet* 2018; 118:1506-25 (DOI: 10.1016/j.jand.2018.05.017).

Scherkenbach LA, Kraft MD, Stout SM, Dorsch MP, Chen X, Tran HD, Pleva MR. Impact of an intravenous magnesium shortage on potassium doses in adult surgical patients receiving parenteral nutrition. *JPEN J Parenter Enteral Nutr* 2016; 40:688-92 (first published online February 5, 2015). DOI: 10.1177/0148607115571752. <https://doi.org/10.1177/0148607115571752>

Dickerson RN, Kumpf VJ, Blackmer AB, Bingham AL, Tucker AM, Ybarra JV, **Kraft MD**, Canada TW. Significant published articles for pharmacy nutrition support practice in 2014 and 2015. *Hosp Pharm* 2016; 51:539-552. DOI: [10.1310/hpi5107-539](https://doi.org/10.1310/hpi5107-539)

Vanek VW, Ayers P, Charney P, **Kraft M**, Mitchell R, Plogsted S, Soden J, Van Way CW 3rd, Wessel J, Winter J, Kent S, Turner P, Bouche J, Quirk D, Seidner DL. Follow-up Survey on Functionality of Nutrition Documentation and Ordering Nutrition Therapy in Currently Available Electronic Health Record (EHR) Systems. *Nutr Clin Pract* 2016; 31:401-15. DOI: 10.1177/0884533616629619. <http://ncp.sagepub.com/content/31/4/548.full>

Guenter P, Boullata JI, Ayers P, Gervasio J, Malone A, Raymond E, Holcombe B, **Kraft M**, Sacks G, Seres D, and the Parenteral Nutrition Safety Task Force, American Society for Parenteral and Enteral Nutrition. Standardized Competencies for Parenteral Nutrition Prescribing: The American Society for Parenteral and Enteral Nutrition Model. *Nutr Clin Pract* 2015; 30:570-6. DOI: 10.1177/0884533615591167. <http://ncp.sagepub.com/content/30/4/570.full.pdf+html>

Kraft MD*. Phosphorus and Calcium: A Review for the Adult Nutrition Support Clinician. *Nutr Clin Pract* 2015; 30:21-33. DOI: 10.1177/0884533614565251. <http://ncp.sagepub.com/content/30/1/21.full>

Walker PC, **Kraft MD**, Kinsey KS, *van Kampen A, Perez M, Okeagu U, Boateng A*, Mason NA. Making Student Pharmacists Indispensable: The Added Value of Introductory Pharmacy Practice Experience Students to Patient Care. *Curr Pharm Teach Learn* 2015; 7:47-53. DOI: 10.1016/j.cptl.2014.09.001. <http://www.sciencedirect.com/science/article/pii/S1877129714001245>

Dickerson RN, Kumpf VJ, Rollins CJ, Frankel EH, **Kraft MD**, Canada TW, Crill CM. Significant publications for pharmacy nutrition support practice in 2013. *Hosp Pharm* 2014; 49:717-30.

Ayers P, Adams S, Boullata J, Gervasio J, Holcombe B, **Kraft MD**, Marshall N, Neal A, Sacks G, Seres DS, Worthington P, Guenter P. ASPEN Parenteral Nutrition Safety Recommendations: Translation into Practice. *Nutr Clin Pract* 2014; 29:277-82.
<http://journals.sagepub.com/doi/pdf/10.1177/0884533614531294>

Marini BL, Funk K, **Kraft MD***, Fong JM, Naanos R, Stout SM, Wagner D. The effects of an informational video on patient knowledge, satisfaction, and compliance with venous thromboembolism prophylaxis: A pilot study. *Patient Educ Couns* 2014; 96:264-7. DOI: <http://dx.doi.org/10.1016/j.pec.2014.05.008>. [http://www.pec-journal.com/article/S0738-3991\(14\)00188-8/fulltext](http://www.pec-journal.com/article/S0738-3991(14)00188-8/fulltext)

Stumpf JL, Kurian RM, Vuong J, Dang K, **Kraft MD**. A Retrospective Assessment of the Efficacy of a Creon Delayed-Release Pancreatic Enzyme Protocol for Clearing Occluded Enteral Feeding Tubes. *Ann Pharmacother* 2014; 48:483-7 (first published online Jan 16, 2014). DOI: 10.1177/1060028013515435. <http://aop.sagepub.com/content/48/4/483.full>

Ayers P, Adams S, Boullata J, Gervasio J, Holcombe B, **Kraft MD**, Marshall N, Neal A, Sacks G, Seres DS, Worthington P. A.S.P.E.N. Parenteral Nutrition Safety Consensus Recommendations. *JPEN J Parenter Enteral Nutr* 2014; 38:296-333. (First published online Nov 26, 2013). DOI: 10.1177/0148607113511992. <http://pen.sagepub.com/content/38/3/296>

Bell TJ, Poston SA, **Kraft MD***, Senagore AJ, Techner L. Economic analysis of alvimopan – A Clarification and commentary. *Pharmacotherapy* 2012; published online only; DOI: 10.1002/phar.1193. <http://onlinelibrary.wiley.com/doi/10.1002/phar.1193/full>

Miller JT, Welage LS, **Kraft MD**, Alaniz C. Does body weight impact the efficacy of vasopressin in the management of septic shock? *J Crit Care* 2012; 27:289-93.
<https://doi.org/10.1016/j.jcrc.2011.06.018>

Walker PC, Kinsey KS, **Kraft MD***, Mason NA, Clark JC. Improving student education and patient care through an innovative introductory pharmacy practice experience. *Am J Health-Syst Pharm*. 2011; 68:655,658,660. <https://doi.org/10.2146/ajhp100490>

Ukleja A, Freeman KL, Gilbert K, Kochevar M, **Kraft MD**, Russell MK, Shuster MH, Task Force on Standards for Nutrition Support: Adult Hospitalized Patients, and the American Society for Parenteral and Enteral Nutrition Board of Directors. Standards for Nutrition Support: Adult Hospitalized Patients. *Nutr Clin Pract*. 2010; 25:403-14.
<https://doi.org/10.1177/0884533610374200>

Btaiche IF, Chan LN, Pleva M, **Kraft MD**. Critical illness, gastrointestinal complications, and medication therapy during enteral feeding in critically ill adult patients. *Nutr Clin Pract*. 2010; 25:32-49. <https://doi.org/10.1177/0884533609357565>

Kraft M*, MacLaren R, Du W, Owens G. Alvimopan (Entereg) for the management of postoperative ileus in patients undergoing bowel resection. *P & T* 2010; 35:44-9.
<https://www.ptcommunity.com/system/files/pdf/ptj3501044.pdf>

Kraft MD*. From sophomore to success – entering the second year. *Curr Pharm Teach Learning*. 2009; 1:50-6. <https://doi.org/10.1016/j.cptl.2009.05.007>

Bell TJ, Poston SA, **Kraft MD**, Senagore AJ, Delaney CP, Techner L. Economic analysis of alvimopan in North American phase III efficacy trials. *Am J Health-Syst Pharm*. 2009; 66:1362-8. <https://doi.org/10.2146/ajhp080329>

Kraft MD*. Alvimopan for postoperative ileus: Only one piece of the puzzle (comment). *Am J Health-Syst Pharm*. 2009; 66:1309-10.

Charles A, Purtill M, Dickinson S, **Kraft M**, Pleva M, Meldrum C, Napolitano L. Albumin use guidelines and outcome in a surgical intensive care unit. *Arch Surg*. 2008; 143:935-9. DOI:10.1001/archsurg.143.10.935.
<https://jamanetwork.com/journals/jamasurgery/fullarticle/401980>

Kraft MD*. Methylnaltrexone, a new peripherally-acting mu-opioid receptor antagonist being evaluated for the treatment of postoperative ileus. *Expert Opin Investig Drug*. 2008; 17:1365-77. <https://doi.org/10.1517/13543784.17.9.1365>

Kraft MD*, Johnson CE, *Chung C, Julian F*. Stability of metoprolol tartrate injection 1 mg/mL undiluted and 0.5 mg/mL in 0.9% sodium chloride injection and dextrose 5% injection. *Am J Health-Syst Pharm*. 2008; 65:636-8. <https://doi.org/10.2146/ajhp070380>

Kraft MD*. Emerging pharmacologic options for treating postoperative ileus. *Am J Health-Syst Pharm*. 2007; 64(suppl 13): S13-20. <https://doi.org/10.2146/ajhp070430>

Dickinson S, Rickelmann C, **Kraft MD**, Kristofick A, Horner R. To replace or not to replace: Examining the implementation of an electrolyte protocol in the SICU (Abstract). *Crit Care Nurse* 2007; 27:127. <https://doi.org/10.4037/ccn2007.27.2.90>

Kraft MD*, Btaiche IF, Sacks GS. Review of the refeeding syndrome. *Nutr Clin Pract*. 2005; 20:625-33. <https://doi.org/10.1177/0115426505020006625>

Kraft MD*, Btaiche IF, Sacks GS, Kudsk KA. Treatment of electrolyte disorders in adult patients in the intensive care unit. *Am J Health-Syst Pharm*. 2005; 62:1663-82.
<https://doi.org/10.2146/ajhp040300>

Kraft MD*, Pasko DA, DePestel DD, Ellis JJ, Peloquin CA, Mueller BA. Clearance of linezolid during continuous venovenous hemodiafiltration: A case report. *Pharmacotherapy*. 2003;23(8):1071-75. DOI: 10.1592/phco.23.8.1071.32874.
<http://onlinelibrary.wiley.com/doi/10.1592/phco.23.8.1071.32874/full>

Leady M, **Kraft M**, Alaniz C. Recombinant human activated protein C (rhAPC) or drotrecogin alfa (activated). *P & T*. 2002; 27:190-4.
https://www.ptcommunity.com/system/files/pdf/ptj2704190_0.pdf

Kraft MD, Boucher BA. The effects of protein binding on serum phenytoin concentrations and clinical response: total vs. unbound phenytoin concentrations. *J Pediatr Pharmacol Ther.* 2001; 6:153-7.

Reed JR, **Kraft MD**, Hollenberg PF. Rat liver cytosol catalyzes a reaction involving activated N-nitrosodimethylamine and a carbohydrate from the pentose phosphate pathway. *Chem Res Toxicol.* 2000; 13:126-33. DOI: 10.1021/tx990151j.

<https://pubs.acs.org/doi/abs/10.1021/tx990151j>

Correction: *Chem Res Toxicol.* 2000; 13:529. DOI: 10.1021/tx000497q.

<https://pubs.acs.org/doi/abs/10.1021/tx000497q>

Book Chapters

Pleva MR, **Kraft MD**. Parenteral Nutrition. In: Chisholm-Burns MA, Schwinghammer TL, Malone PM, et al., eds. *Pharmacotherapy Principles and Practice*, 6th ed. New York: McGraw-Hill; 2022. Ch. 100, p. 1611-1629.

Pleva MR, **Kraft MD**. Parenteral nutrition. In: Schwinghammer TL et al, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach*. 11th ed. New York: McGraw-Hill, 2020. Ch. 160.

Pleva MR, **Kraft MD**. Parenteral Nutrition. In: Chisholm-Burns MA, Schwinghammer TL, Malone PM, et al., eds. *Pharmacotherapy Principles and Practice*, 5th ed. New York: McGraw-Hill; 2019. Ch. 100, p. 1521-1538.

Kraft MD, Pleva MR. Parenteral Nutrition: Getting Past the Obstruction (Level III). In: Schwinghammer TL, Koehler JM, Borchert JS, Slain D, Park SK. eds. *Pharmacotherapy Casebook: A Patient-Focused Approach*, 10th ed. New York, NY: McGraw-Hill. 2017. Ch. 160.

Kraft MD, Pleva MR. Parenteral Nutrition. In: Chisholm-Burns MA, Schwinghammer TL, Wells BG, et al., eds. *Pharmacotherapy Principles and Practice*, 4th ed. New York: McGraw-Hill; 2016. Ch. 100, p. 1489-1506.

Kraft MD, Pleva M, Btaiche IF. Parenteral Nutrition. In: Schwinghammer TL, Koehler JM, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach*, 9th ed. New York: McGraw-Hill. 2014. Ch. 160.

Kraft MD, Btaiche IF, Pleva M. Parenteral Nutrition. In: Chisholm-Burns MA, Wells BG, Schwinghammer TL, et al., eds. *Pharmacotherapy Principles and Practice*, 3rd ed. New York: McGraw-Hill; 2013. Ch. 100, p.1755-1776.

Kraft MD, Pleva M. Parenteral Nutrition. In: Schwinghammer TL, Koehler JM, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach*, 8th ed. New York: McGraw-Hill; 2011. Ch. 159, p. 405-7.

Kraft MD, Btaiche IF. Parenteral Nutrition. In: Chisholm-Burns MA, Wells BG, Schwinghammer TL, et al., eds. *Pharmacotherapy Principles and Practice*, 2nd ed. New York: McGraw-Hill; 2010. Ch. 100, p.1681-1700.

Btaiche IF, Sweet BV, **Kraft MD**. Positive drug-nutrient interactions. In: Boullata JI, Armenti VT, eds. Handbook of Drug-Nutrient Interactions, 2nd ed. Totowa, NJ: The Humana Press Inc; 2009:303-40.

Kraft MD. Parenteral Nutrition. In: Schwinghammer TL, Koehler JM, eds. Pharmacotherapy Casebook: A Patient-Focused Approach, 7th ed. New York: McGraw-Hill; 2008. Ch. 151, p. 363-5.

Kraft MD, Btaiche IF. Parenteral Nutrition. In: Chisholm-Burns MA, Wells BG, Schwinghammer TL, et al., eds. Pharmacotherapy Principles and Practice, 1st ed. New York: McGraw-Hill; 2007. Ch. 97, p.1493-1510.

Kraft MD. Parenteral Nutrition. In: Schwinghammer TL, DiPiro JT, Talbert RL, et al., eds. Pharmacotherapy Casebook: A Patient-Focused Approach, 6th ed. New York: McGraw-Hill; 2005. p. 391-3.

Btaiche IF, **Kraft MD**. Nutrients that may optimize drug effects. In: Boullata JI, Armenti VT, eds. Handbook of Drug-Nutrient Interactions, 1st ed. Totowa, NJ: The Humana Press Inc; 2004. p. 195-216.

Professional Publications (Non-peer-reviewed)

Kraft MD, Btaiche IF, Sacks GS, Kudsk KA. Preferred treatment of hyperkalemia. *Am J Health-Syst Pharm*. 2006; 63:514-6. Letter.

Kraft M, Erstad BL, Matuszewski K. Improving postoperative ileus outcomes. *US Pharm*. 2005;30(4)(suppl):1-12.
<http://legacy.uspharmacist.com/oldformat.asp?url=ce/10193/default.htm>.

Kraft MD. Current Literature Section- summary and comment on: Boivin MA, Levy H. Gastric feeding with erythromycin is equivalent to transpyloric feeding in the critically ill (Crit Care Med 2001;29:1916-1919). *Nutr Clin Pract*. 2002; 17:194.

Btaiche IF and **Kraft MD**. Parenteral nutrition: Who needs it? UMHS Pharmacy ForUM Newsletter, August 2002.

Kraft MD. The use of lipid emulsions in parenteral nutrition: 2-in-1 versus 3-in-1 formulations. Education module for Abbott Laboratories, Ross Products Division, 2001.

Posters and Abstracts

Quiroga LC, **Kraft M**, Redic K. Implementation of Application-Based Training for Investigational Product Preparation. Vizient at the ASHP Midyear Clinical Meeting, Las Vegas, NV, December 2022.

Kraft MD, Walker PC, *Smith C*. Impact of a required inpatient generalist advanced pharmacy practice experience on patient care interventions at an academic medical center. American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Vegas, NV, December 2016: Poster 11-195.

Griebe K, Diamond CM, Abbas C, Kraft MD. Implementation of a revised pharmacy technician “core” training program. American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Vegas, NV, December 2016: Poster 5b-117.

Scherkenbach L, Kraft MD, Stout SM, Dorsch M, Chen X, Tran HD, Pleva M. Impact of an intravenous magnesium shortage on potassium doses in adult surgical patients receiving parenteral nutrition. American Society for Parenteral and Enteral Nutrition Clinical Nutrition Week, Long Beach, CA, February 2015: Poster S-11.

Scherkenbach L, Kraft MD, Stout SM, Dorsch M, Chen X, Tran HD, Pleva M. Impact of an intravenous magnesium shortage on potassium doses in adult surgical patients receiving parenteral nutrition. American Society of Health-System Pharmacists Midyear Clinical Meeting, Orlando, FL, December 2014: Poster 8-062 (student poster).

Stumpf JL, Vuong J, Kurian R, Dang K, Kraft MD. Retrospective assessment of the efficacy of a pancreatic enzyme protocol for clearing occluded enteral tubes. American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Vegas, NV, December 2012: Poster 3-167.

Kraft MD, Wooley JA. Evaluation of peripheral parenteral nutrition (PPN) at an academic medical center: Is there a role and are we optimizing use? American Society for Parenteral and Enteral Nutrition Clinical Nutrition Week, Orlando, FL, January 2012.

Wooley JA, Yonkoski D, Faut C, Haller E, Kraft MD. A Multidisciplinary approach improves parenteral nutrition ordering practices in adults at a large tertiary care academic hospital. American Society for Parenteral and Enteral Nutrition Clinical Nutrition Week, Orlando, FL, January 2012.

Fong JM, Naanos R, Funk K, Marini B, Kraft MD. Use evaluation of a venous thromboembolism risk assessment tool in hospitalized adult medicine patients. American Society of Health-System Pharmacists Midyear Clinical Meeting, New Orleans, LA, December 2011: Poster 4-150.

Feng AG, Cramer C, Mason NA, Walker PC, Kraft MD, Clark JS, Kinsey K. Evaluation of the direct patient care introductory pharmacy practice experience (DPC-IPPE) course emphasizing medication reconciliation. American Society of Health-System Pharmacists Midyear Clinical Meeting, New Orleans, LA, December 2011.

Kraft MD, Wagner D, Funk K, Marini B, Fong J, Naanos R, Stout S. “VTE and You”: Assessment of a VTE patient education video (“InPHARMmercial”) and an electronic risk scoring tool in hospitalized medicine patients. American College of Chest Physicians Chest 2011 Annual Meeting, Honolulu, HI, October 2011: Abstract 592A (poster). *Chest*, October 2011 140:4 Meeting Abstracts 592A; doi:10.1378/chest.1119989.

Pleva MR, Krzak AK, Kraft MD. Challenges in implementation and research of hypocaloric feeding of critically ill obese patients. American Society for Parenteral and Enteral Nutrition Clinical Nutrition Week, Vancouver, BC, Canada, February 2011: Poster N28.

Heissler JT, Lucarotti AL, Timmer CN, Pleva MR, Krzak AK, Kraft MD. Retrospective evaluation of hypocaloric feeding in critically ill obese patients. American Society of Health-System Pharmacists Midyear Clinical Meeting, Anaheim, CA, December 2010.

Ng K, Kraft MD, Pleva M, Alaniz C, Napolitano LM. Comparison of intravenous metoprolol administered as a continuous infusion versus intermittent infusion in surgical intensive care unit patients. American Society of Health-System Pharmacists Midyear Clinical Meeting, Anaheim, CA, December 2010.

Kwiatkowski GM, Stout S, Kraft MD, DePestel D, San Luis V, Welage L. Symptoms consistent with serotonin excess during concomitant therapy with linezolid and serotonin re-uptake inhibitors. American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Vegas, NV, December 2009: Poster 2-075.

Miller JT, Alaniz C, Kraft MD, Welage LS. Does body weight impact the efficacy of vasopressin therapy in the management of septic shock? Society of Critical Care Medicine 38th Critical Care Congress, Nashville, TN, January 2009. ** **Research Citation Finalist**

Kraft MD, Pleva M, Alaniz C, Hayanga AJ, Lu HT, Hudson S, Napolitano LM. Use of metoprolol continuous infusion for control of heart rate in surgical intensive care unit patients. American College of Clinical Pharmacy Spring Practice and Research Forum, Phoenix, AZ, April 2008: Poster 20.

San Luis VA, Hollis IB, Kraft MD, DePestel DD, Teter CJ, Streetman DS, Welage LS. Adverse serotonergic effects observed in patients receiving concomitant linezolid and serotonin re-uptake inhibitors. American College of Clinical Pharmacy Annual Meeting, Denver, CO, October 2007.

Dickinson S, Rickelmann C, Kraft MD, Kristofick A, Horner R. To replace or not to replace: Examining the implementation of an electrolyte protocol in the SICU. American Association of Clinical Nursing National Teaching Institute, Atlanta, GA, May 2007 (Abstract).

Kraft MD, Julian F, Chung C, Johnson CE. Stability of metoprolol tartrate injection 1 mg/mL and 0.5 mg/mL in 0.9% sodium chloride and 5% dextrose injection. American Society of Health-System Pharmacists Midyear Clinical Meeting, Anaheim, CA, December 2006: Poster 157E.

Senagore AJ, Kraft MD, Du W, Fort JG, Techner L, Bell TJ. Alvimopan Is Associated With Reduced Overall and Prolonged Hospital Length of Stay in Patients Who Undergo Bowel Resection. American Society of Health-System Pharmacists Midyear Clinical Meeting, Anaheim, CA, December 2006. Poster 206E.

Enker WE, Kraft MD, Du W, Fort JG, Techner L. Reduction of Postoperative Ileus-Related Morbidity After Bowel Resection: Results of a Randomized, Placebo-Controlled, Double-Blind, Phase III Trial of Alvimopan 12 mg Versus Placebo. American Society of Health-System Pharmacists Midyear Clinical Meeting, Anaheim, CA, December 2006: Poster 210E.

Ludwig KA, **Kraft MD**, Du W, Fort JG, Techner L. GI Recovery Responder Analysis: Results of a Randomized, Placebo-Controlled, Double-Blind, Phase III Trial of Alvimopan 12 mg Versus Placebo in Patients Undergoing Bowel Resection. American Society of Health-System Pharmacists Midyear Clinical Meeting, Anaheim, CA, December 2006: Poster 211E.

Senagore AJ, **Kraft MD**, Du W, Fort JG, Techner L, Bell TJ. Alvimopan Is Associated With Reduced Hospital Length of Stay, Lowered Readmission Rates, and Decreased Costs After Bowel Resection: Pooled Data From 4 Clinical Trials. American Society of Health-System Pharmacists Midyear Clinical Meeting, Anaheim, CA, December 2006: Poster 247E.

Charles A, Purtill MA, Dickinson S, **Kraft M**, Meldrum C, Napolitano L. The effect of albumin use guidelines in a surgical ICU. Society of Critical Care Medicine 35th Critical Care Congress, San Francisco, CA, January 2006.

Kraft MD, Hemmila MR, Rosenberg AL, Bartlett RH. Successful use of drotrecogin alfa (activated) in a patient with severe sepsis and severe respiratory failure receiving extracorporeal membrane oxygenation. Society of Critical Care Medicine 34th Critical Care Congress, Phoenix, AZ, January 2005.

Brinker M, Kraus M, Dimo M, Kraft MD, Welage LS, Walker PW, Wahl W. Evaluation of the economic impact of postoperative ileus. American Society of Health System Pharmacists Midyear Clinical Meeting, Orlando, FL, December 2004.

Carver PL, *Nailor M, DePestel DD, Kraft MD.* Risk factors for the development of linezolid resistant enterococci. American College of Clinical Pharmacy International Congress on Clinical Pharmacy, Paris, France, April 2004.

Kraft MD, Pasko DA, DePestel DD, Ellis JJ, Mueller BA. Clearance of linezolid during continuous venovenous hemodiafiltration: A case report. American Society of Health-System Pharmacists Midyear Clinical Meeting, New Orleans, LA, December 2003.

Invited Presentations

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| March 2021 | Parenteral Nutrition Prescribing and Order Review Safety Study: The Need for Pharmacist Intervention. Central Stage Presentation (sponsored), American Society for Parenteral and Enteral Nutrition Science & Practice Conference 2021 (Online/Virtual event). |
| February 2021 | NASPA-NMA Student Pharmacist Self-Care Championship, Moderator/Host (coordinated event, edited and produced final video presentation). Michigan Pharmacists Association Annual Convention & Exposition (Online/Virtual event). |
| May 2020 | Parenteral Nutrition Order Verification: Optimizing Safety and Integrating Technology. American Society for Parenteral and Enteral Nutrition Best Practices in Parenteral Nutrition Series Training Program: Prescribing the Parenteral Nutrition (PN) Order and Beyond (Webinar). |

February 2020	NASPA-NMA Student Pharmacist Self-Care Championship, Moderator/Host. Michigan Pharmacists Association Annual Convention & Exposition, Detroit, MI.
February 2019	NASPA-NMA Student Pharmacist Self-Care Championship, Moderator/Host. Michigan Pharmacists Association Annual Convention & Exposition, Detroit, MI.
February 2018	NASPA-NMA Student Pharmacist Self-Care Championship, Moderator/Host. Michigan Pharmacists Association Annual Convention & Exposition, Detroit, MI.
December 2017	A Call to Action: Optimizing the Electronic Health Record in Parenteral Nutrition. American Society of Health-System Pharmacists Midyear Clinical Meeting, Orlando, FL.
December 2016	Importance of Phosphorus and Calcium in Patients Receiving Parenteral Nutrition. American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Vegas, NV.
February 2016	The Role of Technology in Parenteral Nutrition Safety and Managing Drug Shortages: A Shortage of Safety? Mississippi Society for Parenteral and Enteral Nutrition Conference, Jackson, MS.
January 2016	Treatment of Calcium and Phosphorus Disorders. American Society for Parenteral and Enteral Nutrition Clinical Nutrition Week, Austin, TX.
December 2015	Parenteral and Enteral Access Devices: An Overview for Pharmacists. American Society of Health-System Pharmacists Midyear Clinical Meeting, New Orleans, LA.
September 2015	Let's Get Moving: Prokinetic Agents for Feed Intolerance in Critical Illness. Wisconsin Society for Parenteral and Enteral Nutrition Annual Fall Symposium, Pewaukee, WI.
September 2015	Food for Thought: Refeeding Syndrome Clinical Pearls. Wisconsin Society for Parenteral and Enteral Nutrition Annual Fall Symposium, Pewaukee, WI.
August 2015	Treatment of Phosphorus and Calcium Disorders in Adult Patients Receiving Nutrition Support. American Society for Parenteral and Enteral Nutrition (Webinar).
May 2015	Pharmacy Services at the University of Michigan Health System. China International Symposium on Clinical Pharmacy Education, China Pharmaceutical University, Nanjing, China.

- March 2015 Parenteral Nutrition Prescribing Using the Epic EHR system. American Society for Parenteral and Enteral Nutrition Clinical Nutrition Informatics Webinar: PN Prescribing and Electronic Health Record Systems.
- February 2015 NASPA-NMA Student Pharmacist Self-Care Championship, Moderator/Host. Michigan Pharmacists Association Annual Convention & Exposition, Detroit, MI.
- February 2015 Safe Parenteral Nutrition Practices: Closing the Gaps (Developed session and served as Moderator). American Society for Parenteral and Enteral Nutrition Clinical Nutrition Week, Long Beach, CA.
- February 2015 Treatment of Calcium and Phosphorus Disorders. American Society for Parenteral and Enteral Nutrition Clinical Nutrition Week, Long Beach, CA.
- October 2014 The Role of Technology in Parenteral Nutrition Safety and Managing Drug Shortages: A Shortage of Safety? Michigan Society for Parenteral and Enteral Nutrition Fall Conference, Livonia, MI.
- March 2014 Safe Prescribing of Parenteral Nutrition: A.S.P.E.N. Recommendations and Suggestions for Future Research. American Society for Parenteral and Enteral Nutrition. Parenteral Nutrition Safety Training Certificate Program (Webinar).
- January 2014 Parenteral Nutrition Order-Writing Workshop, Faculty Instructor (8-hour workshop). American Society for Parenteral and Enteral Nutrition Clinical Nutrition Week, Savannah, GA.
- January 2014 Safe Prescribing of Parenteral Nutrition: A.S.P.E.N. Recommendations and Suggestions for Future Research. American Society for Parenteral and Enteral Nutrition Clinical Nutrition Week, Savannah, GA.
- January 2014 Product Shortages From Guidelines to Practice: Impact of an Intravenous Magnesium Shortage on Potassium Doses in Adult Surgical Patients Receiving Parenteral Nutrition. American Society for Parenteral and Enteral Nutrition Clinical Nutrition Week, Savannah, GA.
- December 2013 Safe Prescribing of Parenteral Nutrition: A.S.P.E.N. Recommendations and Suggestions for Future Research. American Society of Health-System Pharmacists Midyear Clinical Meeting, Orlando, FL.
- February 2013 NASPA-NMA Student Pharmacist Self-Care Championship, Moderator/Host. Michigan Pharmacists Association Annual Convention & Exposition, Detroit, MI.
- November 2012 TheraDoc: Out of the Box Customizations. TheraDoc User Group Meeting, Seattle, WA.

June 2012	Integrating students into our practice models: The University of Michigan experience. University of Michigan College of Pharmacy Preceptor Recognition Symposium, Ann Arbor, MI.
May 2012	Incorporating pharmacy students into the practice model: The Michigan experience. University HealthSystem Consortium Webinar.
February 2012	Food for Thought: Refeeding Syndrome Clinical Pearls. Michigan Pharmacists Association Annual Convention & Exposition, Detroit, MI.
February 2012	NASPA-NMA Student Pharmacist Self-Care Championship, Moderator/Host. Michigan Pharmacists Association Annual Convention & Exposition, Detroit, MI.
December 2011	Assessment and management of electrolyte abnormalities in hospitalized adult patients – Part 2. Greater New York Hospital Association Services, Inc. Teleseminar/Webinar.
November 2011	Assessment and management of electrolyte abnormalities in hospitalized adult patients – Part 1. Greater New York Hospital Association Services, Inc. Teleseminar/Webinar.
February 2011	Prokinetic agents for feed intolerance in critical illness. American Society for Parenteral and Enteral Nutrition Clinical Nutrition Week, Vancouver, BC, Canada.
February 2011	NASPA-NMA Student Pharmacist Self-Care Championship, Moderator/Host. Michigan Pharmacists Association Annual Convention & Exposition, Detroit, MI.
October 2010	A Pharmacy Student's Guide to Navigating the 2010 ASHP Midyear Clinical Meeting. Residency Q & A Panel: Answers to Your Burning Questions. http://www.ashp.org/Midyear2010/GeneralInformation/ForStudents/Pre-MeetingWebinars.aspx
June 2010	The Long and Winding Road: Academic and Professional Advancement After Residency. Michigan Society of Health System Pharmacists Residency Conference, Lansing, MI.
April 2010	Treatment of Postoperative Ileus: Emerging Options, Multimodal Approach, and Potential Economic Impact. Southeast Michigan Society of Health-System Pharmacists, Detroit, MI.
February 2010	Wut duz ur profile say about u? The potential impact of the internet and social networks on your career. Michigan Pharmacists Association Annual Convention and Exposition, Detroit, MI.

- December 2009 Postoperative Ileus Management: Examining the Role of Emerging Therapies (Program Chair and Presenter). American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Vegas, NV.
- November 2009 Parenteral Nutrition Micronutrients: Electrolytes and Trace Elements. Southeast Michigan Dietetics Association (SEMDA) Meeting, Southfield, MI.
- October 2009 GI/Liver/Nutrition PRN Focus Session – Therapeutic Controversy in Nutrition Support: Use of Premixed Parenteral Nutrition Formulations (Moderator). American College of Clinical Pharmacy Annual Meeting, Anaheim, CA.
- October 2009 Treatment of Postoperative Ileus: Emerging Options, Multimodal Approach, and Potential Economic Impact. VHA Southeast and VHA Gulf States Leaders Conference, Destin, FL.
- October 2009 A Pharmacy Student's Guide to Navigating the 2009 ASHP Midyear Clinical Meeting. ASHP Pharmacy Student Forum Webinar (Panelist). <http://www.ashp.org/Midyear2009/Students/PreMeetingWebinars.aspx>
- September 2009 The Evolving Multimodal Management Plan for Postoperative Ileus: Improving Time to Bowel Recovery. New York Society of Health-System Pharmacists Chapter Meeting, New York, NY.
- August 2009 The Evolving Multimodal Management Plan for Postoperative Ileus: Improving Time to Bowel Recovery. Multidisciplinary Grand Rounds. Veterans Affairs Medical Center, Sioux Falls, SD.
- August 2009 Parenteral Nutrition: Patient Case Study. Presented to Patient Food and Nutrition Services Department. University of Michigan Health System, Ann Arbor, MI.
- August 2009 Parenteral Nutrition Micronutrients: Electrolytes and Trace Elements. Presented to Patient Food and Nutrition Services Department. University of Michigan Health System, Ann Arbor, MI.
- July 2009 The Evolving Multimodal Management Plan for Postoperative Ileus: Improving Time to Bowel Recovery. Florida Society of Health-System Pharmacists Chapter Meeting, Orlando, FL.
- May 2009 The Evolving Multimodal Management Plan for Postoperative Ileus: Improving Time to Bowel Recovery. American College of Surgeons-Michigan Chapter's 55th Annual Meeting and 57th Annual Resident Surgeons' Competition, Bellaire, MI.
- December 2008 Stress Ulcer Prophylaxis: Something for Everyone? Presented to Physician Assistants group. University of Michigan Health-System, Ann Arbor, MI.

- January 2008 Critical Care Pharmacology Review. Presented to Survival Flight nurses and staff. University of Michigan Health-System, Ann Arbor, MI.
- December 2007 Nutrition Support in the ICU: A Case-Based Approach. Meeting Program Associate and Moderator. American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Vegas, NV.
- December 2007 Perioperative Nutrition Support. American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Vegas, NV.
- December 2007 New and Emerging Options for Managing Postoperative Ileus: Clinical Research and Potential Implications for Pharmacists. American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Vegas, NV.
- November 2007 Clinical Development of Staff Pharmacists – What Works, What Doesn't. Michigan Society of Health-System Pharmacists Annual Meeting, Lansing, MI.
- February 2007 Perioperative Nutrition Support. Michigan Pharmacists Association Annual Convention and Exposition, Dearborn, MI.
- December 2006 Future Treatment Options for Postoperative Ileus. American Society of Health-System Pharmacists Midyear Clinical Meeting, Anaheim, CA.
- October 2006 Clinical and Pharmacoeconomic Impact of Postoperative Ileus. American College of Clinical Pharmacy Annual Meeting, St. Louis, MO.
- May 2006 Pharmacokinetics in Critically Ill Patients. Surgical Critical Care Lecture Series, University of Michigan Health-System, Ann Arbor, MI.
- May 2006 Postoperative Ileus: Something Old, Something New. Memphis Area Society for Parenteral and Enteral Nutrition, Memphis, TN.
- February 2006 Nutrition Support in the ICU. Surgical Critical Care Lecture Series, University of Michigan Health-System, Ann Arbor, MI.
- December 2005 Perioperative Nutrition Support. American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Vegas, NV.
- December 2005 Current Issues in Nutrition Support. Meeting Program Associate and Moderator. American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Vegas, NV.
- December 2005 Pathophysiology and Economic Impact of Postoperative Ileus. American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Vegas, NV.

- October 2005 The Pharmacologic and Non-Pharmacologic Bases of Postoperative Ileus (POI). American College of Clinical Pharmacy Annual Meeting, San Francisco, CA.
- October 2005 Postoperative Ileus. Southeast Michigan Society of Health-System Pharmacists, Novi, MI.
- October 2005 Postoperative Ileus. Arkansas Association of Health-System Pharmacists, Little Rock, AR.
- June 2005 Antibiotics: Resistance, Empiric Therapy, and More. Oral Maxillofacial Surgery Grand Rounds, University of Michigan Health System, Ann Arbor, MI.
- March 2005 Neuromuscular Blocking Drugs. Nursing In-service Day, University of Michigan ICU Nursing Staff Members, 1.0-hour Nursing CE Credit, University of Michigan Medical Center, Ann Arbor, MI.
- December 2004 Prevalence and Pathogenesis of Postoperative Ileus (POI). American Society of Health System Pharmacists Midyear Clinical Meeting, Orlando, FL.
- October 2004 Prevalence and Pathogenesis of Post-Operative Ileus (POI), Opioid-Induced Bowel Dysfunction (OBD) and Chronic Constipation. American College of Clinical Pharmacy Annual Meeting, Dallas, TX.
- September 2004 Perioperative Nutrition Support. Michigan Society for Parenteral and Enteral Nutrition Fall Meeting, Ann Arbor, MI.
- March 2004 Perioperative Nutrition Support. American Association of Critical Care Nurses – Washtenaw County Chapter, Ann Arbor, MI.
- March 2004 Drotrecogin alfa (activated) (Xigris®): Something Old, Something New. Nursing In-service Day, University of Michigan ICU Nursing Staff members, 1.0-hour Nursing CE credit, University of Michigan Medical Center, Ann Arbor, MI.
- November 2003 Perioperative Nutrition Support. Infusion Nurses Society National Academy of Infusion Nursing, Boston, MA.
- October 2003 Treatment of Nosocomial Pneumonia. ICU Nursing In-service Day, University of Michigan Nursing Staff members, 1.0-hour Nursing CE credit, University of Michigan Medical Center, Ann Arbor, MI.
- April 2001 Infections in Solid-Organ Transplant Patients: A Focus on Antimicrobial Therapy. Nursing In-service Day, University of Michigan Nursing Staff members, 1.0-hour Nursing CE credit, University of Michigan Medical Center, Ann Arbor, MI.

- April 2000 The Effect of Vancomycin Serum Concentrations and Time on Vancomycin Epithelial Lining Fluid Concentration. Presented at the Southeast Residency Conference, Athens, GA.
- February 1999 Stress-Related Mucosal Damage. P-4 Seminar Presentation, College of Pharmacy Faculty and P-4 Students, University of Michigan College of Pharmacy, Ann Arbor, MI.

Teaching and Education

Pharmacy Resident/Fellow Education: University of Michigan Health, Ann Arbor, MI

Leadership/Management – Education & Professional Development

- February 2023 Nour Kadouh, PharmD and Alexander Nixon, PharmD (PGY1 Pharmacy Residents)
- November 2022 Raneem Pallotta, PharmD (PGY1 Pharmacy Resident)
- August 2022 Brianna Groen, PharmD (PGY1 Pharmacy Resident)
- March 2021 Sydnee Cohen, PharmD (PGY1 Pharmacy Resident)

Leadership/Management – Education & Research (co-preceptor with Kim Redic, PharmD, BCPS, Manager-Research Pharmacy from 2015 – 2020)

- March 2020 Andrew Smith, PharmD (PGY1/PGY2 Resident-Investigational Drugs and Research Pharmacy)
- February 2019 Jola Mehemti, PharmD, MBA (PGY1/PGY2 Resident-Investigational Drugs and Research Pharmacy)
- January 2019 Joseph Cusimano, PharmD (PGY1 Pharmacy Resident)
- February 2018 Edna Cheung, PharmD (PGY1 Pharmacy Resident)
- July 2016 – June 2017 Anthony Boyd, PharmD (PGY2 Resident-Health-System Pharmacy Administration) – Longitudinal Human Resource Management
- February 2016 Suhail Shaikh, PharmD (PGY1 Pharmacy Resident)

Clinical Nutrition Literature and Topic Reviews

- August 2017 Lauren Flieller, PharmD (PGY2 Resident in Critical Care)
- August 2016 Nicholas Farina, PharmD (PGY2 Resident in Critical Care)
- August 2015 Alexis Bylina, PharmD (PGY2 Resident in Critical Care)
- August 2014 Jennifer Lashinsky, PharmD (PGY2 Resident in Critical Care)
- August 2013 Ngoc Vu, PharmD (PGY2 Resident in Critical Care)
- August 2012 Aimee Gowler, PharmD (PGY2 Resident in Critical Care)

Surgery/Nutrition Support Clinical Rotation

- September 2008 Sacha Pollard, PharmD (PGY2 Resident in Critical Care)
- September 2007 Steven Stout, PharmD (PGY1 Pharmacy Resident)
- July 2007 James Miller, PharmD (PGY2 Resident in Critical Care)
- March 2007 Valerie San Luis, PharmD (PGY1 Pharmacy Resident)
- May 2006 Yaman Kaakeh, PharmD (PGY1 Pharmacy Resident)
- October 2005 Ian Hollis, PharmD; Dina Mohammad, PharmD (PGY1 Pharmacy Residents)
- September 2005 Rima Mohammad, PharmD (PGY2 Resident in Critical Care)

February 2005	Susan Gordon, PharmD (PGY1 Pharmacy Resident)
September 2004	Co Pham, PharmD (Fellow in GI/Critical Care)
June 2004	Simona O. Butler, PharmD (Specialty Resident in Critical Care)
	Michael Nailor, PharmD (Special Resident in Infectious Diseases)
May 2004	Simona O. Butler, PharmD (Specialty Resident in Critical Care)
April 2004	Hanady Sharabash, PharmD (PGY1 Pharmacy Resident)
September 2003	Shiu-Wen (Wendy) Lin, PharmD (PGY1 Pharmacy Resident)
August 2003	Simona O. Butler, PharmD (Specialty Resident in Critical Care)
September 2002	Susan Crowe, PharmD (PGY1 Pharmacy Resident)
August 2002	Jessica Ellis, PharmD (Specialty Resident in Critical Care)
April 2002	Jennifer Mando, PharmD (PGY1 Pharmacy Resident)
March 2002	Simon Leung, M.S., PharmD (PGY1 Pharmacy Resident)
June 2001	Carrie Quigley, PharmD (PGY1 Pharmacy Resident)

Resident Research Mentor

2016-2017	Cory Smith, PharmD (Impact of A Required Inpatient Generalist Advanced Pharmacy Practice Experience (APPE) on Patient Care Interventions at an Academic Medical Center)
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Residency Advisory Committee Assigned Mentor

2022 – 2023	Abdullah Al-Ajmi, PharmD (PGY1 Pharmacy Resident)
2021 – 2022	Mina Chau, PharmD (PGY1 Pharmacy Resident)
2020 – 2021	Jacqueline Dela Pena, PharmD (PGY1 Pharmacy Resident)
2019 – 2020	Alina Varabyeva, PharmD (PGY1 Pharmacy Resident)
2018 – 2019	Joseph Cusimano, PharmD (PGY1 Pharmacy Resident)

Didactic and Experiential Education

2018 – present	Overview of Parenteral Nutrition (annual 2-hour presentation). Dietetic Interns, School of Public Health, University of Michigan, Ann Arbor, MI
2018 – present (on hold 2020-2022)	Ann Arbor Public Schools, Health Science Student Shadowing Program. Oversee and coordinate 2-week shadowing experiences for high school students interested in careers in healthcare (~ 8 students/year). University of Michigan Health System, Ann Arbor, MI
2016 – present	Health-System/Hospital Introductory Pharmacy Practice Experience, University of Michigan Health System, Ann Arbor, MI <ul style="list-style-type: none"> • Site Coordinator and Preceptor of Record for all students (2016-2021) • Student rotations one day/week x 8 hours, rotate to various practice sites throughout the Department • Accommodate ~ 24 – 32 students each academic year
2014 – present	Parenteral Nutrition. Acute Care Surgery Hands-On Conference (annual 2-hour presentation/workshop), Directors: Jill Cherry-Burkowiec, MD, Pauline Park, MD. Department of Surgery, University of Michigan Health System, Ann Arbor, MI.

- 2013 – present Direct Patient Care Introductory Pharmacy Practice Experience, University of Michigan Health System, Ann Arbor, MI
- Site Coordinator for all rotation sites (2013-2021)
 - Students primarily conducting medication histories, medication reconciliation, and patient education in various practice sites
 - Accommodate ~ 40 – 48 students each academic year
- 2010 – present P501 (formerly P402 and P500) – Introduction to Pharmacy. University of Michigan College of Pharmacy, Ann Arbor, MI.
- Professional Communication and eProfessionalism (2-hour lecture/discussion)
 - Communication and Networking (2-hour lecture/discussion)
 - CVs and Cover Letter/Letters of Intent (2-hour lecture/discussion)
- 2002 – present P569 – PharmD Investigations, Preceptor for Doctor of Pharmacy student research projects, University of Michigan College of Pharmacy, Ann Arbor, MI.
- 2018-2019: Victor Nguyen (Inter-rater Reliability and Determination of Complexity Categories for a Scoring Tool for Measuring Complexity of Pharmacy Effort in Management of Investigational Drugs)
- 2017-2018: Robert Szczepankiewicz (Impact of A Virtual Simulation Clean Room Lab on Pharmacy Student Knowledge and Perceptions of Learning USP <797> Regulations for Compounded Sterile Products)
- 2014-2016: Matthew Paterini and Nicholas Kirkpatrick (Impact of a Required Inpatient Generalist Advanced Pharmacy Practice Experience (APPE) on Patient Care Interventions at an Academic Medical Center)
- 2014-2015: Joy Jooyeon Lee (Use Assessment of an Electronic Venous Thromboembolism (VTE) Risk Assessment Tool for patients with a VTE event)
- 2013-2015: Tri Tran (Use of Quick Response (QR) Codes by Nurses)
- 2013-2015: Xinwei Nancy Chen, Hong-Diem Tran (Impact of an intravenous magnesium shortage on potassium doses in adult surgical patients receiving parenteral nutrition)
- 2011-2012: Jessica Fong (Use evaluation of a venous thromboembolism risk assessment tool in hospitalized adult medicine patients)
- 2010-2011: Bernard Marini (Use of an InPHARMmercial for VTE education: a pilot study)

2009-2011: Kevin Ng (Comparison of intravenous metoprolol administered as a continuous infusion versus intermittent infusion in surgical intensive care unit patients)

2008-2010: Benjamin Nachum (Comparison of intravenous metoprolol administered as a continuous infusion versus intermittent infusion in surgical intensive care unit patients)

2008-2010: Gregory Kwiatkowski (Adverse serotonergic effects in patients receiving concomitant linezolid and serotonin reuptake inhibitors)

2007-2009: Michelle Therasse (Adverse serotonergic effects in patients receiving concomitant linezolid and serotonin reuptake inhibitors)

2006-2008: Sarah Hudson (Comparison of intravenous metoprolol administered as a continuous infusion versus intermittent infusion in surgical intensive care unit patients)

2006-2008: Mohammad Hamdan (Adverse serotonergic effects in patients receiving concomitant linezolid and serotonin reuptake inhibitors)

2005-2006: Frank Julian (Stability of metoprolol tartrate injection 1 mg/mL and 0.5 mg/mL in 0.9% sodium chloride and 5% dextrose injection)

2002-2003: Rachel Chambers, Heidi Diez, Jacqueline Kim, Nathan Troike, Ong Vue (The effect of continuous enteral nutrition on the oral bioavailability of itraconazole oral solution)

2002 – present

P727 – Career and Professional Development (formerly P550 – Opportunities in Pharmacy). University of Michigan College of Pharmacy, Ann Arbor, MI.

2004 – present: Course Coordinator

- 2-hours, one day/week
- Topics include: Job Searching Skills, Interviewing Skills, Networking, Preparing a Curriculum Vitae and Letter of Intent, ASHP Midyear/Resident Match Program/PhORCAS/Personnel Placement Service, Communication and Professionalism, Networking and Etiquette, Running a Meeting, Selecting a Residency/Optimizing Your Residency Experience, Mock Residency Ranking/Match, Board Certification/Credentialing & Privileging

2001 – present

P687-P694 – Advanced Pharmacy Practice Experiences: Preceptor for Doctor of Pharmacy Students. University of Michigan College of Pharmacy, Ann Arbor, MI.

2020 – present: Management/Administration – Education & Professional Development (1 – 2 students annually)

2014 – 2020: Management/Administration – Education & Research, co-preceptor (1 – 4 students annually)

2009 – present: Health-System/Hospital Pharmacy Practice preceptor (~ 4 – 6 students annually)

2001 – 2012: Surgery/Nutrition Support, primary preceptor (~ 6 – 10 students annually)

2001 – present

P680-P730 – Pharmacy Student Seminar Preceptor. University of Michigan College of Pharmacy, Ann Arbor, MI.

2022 – Sam Pike (Parenteral Nutrition Safety: Role of the Pharmacist)

2022 – Petar Puskar (Refeeding Syndrome)

2021 – Eduardo Legaspi (Refeeding Syndrome)

2021 – Danielle Kulman (Parenteral Nutrition Safety: Role of the Pharmacist)

2020 – Khalil Beidoun (Refeeding Syndrome)

2020 – Maya Manning (Parenteral Nutrition Safety: Role of the Pharmacist)

2019 – Ryan Washburn (Refeeding Syndrome)

2019 – Mabel Wong (Parenteral Nutrition Safety: Role of the Pharmacist)

2018 – Ji-In Min (Parenteral Nutrition Safety: Role of the Pharmacist)

2018 – Andrew Tam (Refeeding Syndrome)

2017 – Allison Golom (Refeeding Syndrome)

2017 – Anthony Patros (Parenteral Nutrition Safety: Role of the Pharmacist)

2016 – Holly Reed (Parenteral Nutrition Safety)

2016 – Cristina Sienkowski (Refeeding Syndrome)

2015 – James Mason (Stress Ulcer Prophylaxis)

2015 – Krystal Sing (Refeeding Syndrome)

2014 – Xinwei (Nancy) Chen (Impact of an intravenous magnesium shortage on potassium doses in adult surgical patients receiving parenteral nutrition)

2014 – Jeremy Chan (Severe Malnutrition and the Refeeding Syndrome)

2013 – Lindsey Greiner (Severe Malnutrition and the Refeeding Syndrome)

2013 – Kayla Kornexyl (Stress Ulcer Prophylaxis)

2012 – Jessica Fong (Use evaluation of a venous thromboembolism risk assessment tool in hospitalized adult medicine patients)

2012 – Bernard Marini (Use of an InPHARMmercial for VTE education: a pilot study)

2011 – Barima Opong-Owusu (Stress Ulcer Prophylaxis)

2010 – Kevin Ng (Comparison if intravenous metoprolol administered as a continuous infusion versus intermittent infusion in surgical ICU patients)

- 2010 – Kendra Yum (Severe Malnutrition and the Refeeding Syndrome)
2010 – Kevin McKay (Stress Ulcer Prophylaxis)
2009 – Michelle Therasse (Adverse serotonergic effects in patients receiving concomitant linezolid and serotonin reuptake inhibitors)
2009 – Devon Gray (Severe Malnutrition and the Refeeding Syndrome)
2008 – Sarah Hudson (Comparison of intravenous metoprolol administered as a continuous infusion versus intermittent infusion in surgical ICU patients)
2008 – Mohammad Hamdan (Adverse serotonergic effects in patients receiving concomitant linezolid and serotonin reuptake inhibitors)
2007 – Margaret Jorgenson (Severe Malnutrition and the Refeeding Syndrome)
2007 – Adam Gracon (Stress-Related Mucosal Damage)
2006 – Aaron Drake (Severe Malnutrition and the Refeeding Syndrome)
2006 – Kristen Felice (Stress-Related Mucosal Damage)
2005 – Patti Ames (Severe Malnutrition and the Refeeding Syndrome)
2005 – Amanda Dyelle (Stress-Related Mucosal Damage)
2004 – Keri Harrison (Stress-Related Mucosal Damage)
2003 – Misty Kerr (Severe Malnutrition and the Refeeding Syndrome)
2002 – Lindsey Pontius (Severe Malnutrition and the Refeeding Syndrome)
2001 – Scott Smith (Severe Malnutrition and the Refeeding Syndrome)
- 2015 – 2017 Parenteral Nutrition. Foundations in Critical Care Series (annual 2-hour presentation/workshop), Director: Kathleen To, MD. Department of Surgery, University of Michigan Health System, Ann Arbor, MI.
- 2014 – 2018 Parenteral Nutrition. M4 Surgery Boot Camp (annual 2-hour presentation/workshop), Director: Jill Cherry-Burkowiec, MD. Department of Surgery, University of Michigan Health System, Ann Arbor, MI.
- 2017 Overview of Parenteral Nutrition (podcast) for M1 Students. Faculty Coordinator: Jill Cherry-Burkowiec, MD. University of Michigan Medical School, Ann Arbor, MI.
- 2015 P706 – Health Care Outcomes
- Pharmacy Practice Model Initiative and Outcomes (2-hour lecture)
 - Team DUE Project
- 2012 P422 – Health-System Pharmacy Practice and Leadership. University of Michigan College of Pharmacy, Ann Arbor, MI.
- Clinical Information and Clinical Intervention Lab (3-hour lab)
- 2003 – 2016 N356 – Health and Illness in Young, Middle, and Older Adults: Basics of Parenteral Nutrition (2-hour lecture each semester). University of Michigan School of Nursing, Ann Arbor, MI.

2003 – 2009	UC 210 – Careers in Medicine and Health Care: Pharmacy (2-hour discussion session each semester), Mrs. Fran Zorn, Lecturer, University of Michigan College of Literature, Science, and the Arts, Ann Arbor, MI.
2002 – 2015	<p>P702 – Therapeutic Problem Solving (formerly P431/P531– Pathophysiology and Therapeutics I/II). University of Michigan College of Pharmacy, Ann Arbor, MI.</p> <ul style="list-style-type: none">• Fluid and Electrolyte Disorders, Diuretic Therapy, Acid-base Disorders• Total of 7.5 – 10.5 contact hours (discussion + lab)• Did not teach in 2010 or 2011
2002 – 2007	P620 – Nursing Pharmacotherapy: Fluids and Electrolytes (2-hour lecture). University of Michigan School of Nursing, Ann Arbor, MI.
2001 – 2006	P542 – Parenteral and Enteral Nutrition: Basics of Parenteral Nutrition (2-hour lecture), University of Michigan College of Pharmacy, Ann Arbor, MI.
2002 – 2005	Medical School Clinical Curriculum Component IV: Cardiovascular Medications in the ICU. Monthly lecture to Fourth-Year Medical Students on the Surgical ICU Rotation. University of Michigan Medical Center, Ann Arbor, MI.
2000 – 2005	Medical School Clinical Curriculum Component IV: Antimicrobial Use in the ICU Patient. Monthly lecture to Fourth-Year Medical Students on the Surgical ICU Rotation. University of Michigan Medical Center, Ann Arbor, MI.
2002 – 2005	Pharmacy – Nursing Rounds (nursing educational sessions held every-other month), addressing drug therapy issues in the Surgical ICU, University of Michigan Medical Center, Ann Arbor, MI.
2001 – 2003	Basics of Parenteral Nutrition (2-hour lecture to second-year nursing students each semester), University of Michigan School of Nursing, Ann Arbor, MI.
2001	Parenteral Nutrition Support Clerkship, Coordinated Undergraduate Program in Dietetics, Preceptor for Eastern Michigan University Dietitian Students, University of Michigan Medical Center, Ann Arbor, MI.
2000 – 2002	Parenteral Nutrition Support, AP-4/Dietetic Internship, University of Michigan School of Public Health, Preceptor for University of Michigan Master of Science Dietitian Students. University of Michigan Medical Center, Ann Arbor, MI.
2000 – 2001	P511 – Patient Monitoring: Student Preceptor. University of Michigan College of Pharmacy, Ann Arbor, MI.

2000 CLPH 342 Advanced Nutrition Therapeutics: Fluid and Electrolytes II – Intracellular Electrolytes (Potassium, Calcium, Magnesium and Phosphorus). University of Tennessee at Memphis, Memphis, TN.

Professional and Committee Service

2020 Promotion Reviewer (Associate Professor, tenure track), Campbell University College of Pharmacy & Health Sciences

2019 Promotion Reviewer (Professor-Practice, without tenure), The Ohio State University College of Pharmacy

2019 Consultant: Successfully establishing joint College of Pharmacy-Health System faculty and practice positions (University of New Mexico College of Pharmacy)

2014 Promotion Reviewer (Clinical Associate Professor, without tenure), West Virginia University School of Pharmacy

University of Michigan College of Pharmacy

September 2013 – present PharmD Admissions Interviews (~3 sessions per year)

August 2013 – present Student Services Committee

July 2022 – December 2022 Promotion Committee Member: Rima Mohammad, PharmD (promotion to Clinical Professor, without tenure)

September 2019 – December 2019 Search Committee: Non-Tenure Track Clinical Faculty in Pediatric Cystic Fibrosis

July 2019 – December 2019 Promotion Committee Member: Hae Mi Choe, PharmD (promotion to Clinical Professor, without tenure)

July 2017 – January 2018 Promotion Committee Member: Jeong (Jamie) Park, PharmD (promotion to Clinical Professor, without tenure)

October 2012 – September 2014 Practitioner Relations/Continuing Education Committee

November 2012 – July 2013 Non-Tenure Track/Adjunct Faculty Workgroup (Lead)

January 2012 – May 2012 Search Committee: Non-Tenure Track Clinical Faculty in General Surgery

July 2009 – September 2012 Curriculum and Assessment Committee Member

August 2002 – September 2012	Experiential Education Committee Member
May 2011 – July 2011	Search Committee: Clinical Specialist in Critical Care
July 2010 – December 2010	Search Committee Chair: Non-Tenure Track Clinical Faculty in Infectious Diseases
July 2009 – January 2010	Promotion Committee Member: Randolph E. Regal, BS Pharm, PharmD (promotion to Clinical Associate Professor, without tenure)
October 1999 – July 2006	Curriculum and Assessment Committee Member
March 2003 – September 2003	Student Society of ASHP: worked with faculty and students to establish a Student Society of ASHP at the UM College of Pharmacy
May 2002 – July 2002	Search Committee Member: Non-Tenure Track Clinical Faculty in Solid Organ Transplant
February 2001	P-4 Seminar Evaluation Committee
October 2000	Search Committee Member: Non-Tenure Track Clinical Faculty in Infectious Diseases
May 1999	P-4 Career Night Panel Discussion- Organized, developed, and served on panel (evolved into the College of Pharmacy's "Career Mentoring Forum")

University of Michigan Hospitals Health

August 2011 – present	Nutrition Advisory Committee 2020 – 2021: Immediate Past-Chair 2019 – 2020: Chair 2017 – 2019: Co-Chair
2009 – present	Pharmacy Practice Council (formerly Pharmacy Practice Model Steering Committee)
September 2012 – June 2023	Department of Pharmacy Services Pharmacy Executive Council (formerly Leadership Team)
January 2012 – June 2020	Department of Pharmacy Services Drug Shortages Team
February 2010 – December 2019	TheraDoc Superuser Training and Implementation Team TheraDoc Lead – Department of Pharmacy Services

February 2006 – January 2018	Pharmacy Management Team (committee structure changed) <ul style="list-style-type: none">• Monthly Management Team meeting• Pharmacy Administrator On-Call
February 2006 – January 2018	Pharmacy Operations Team (committee structure changed) <ul style="list-style-type: none">• Weekly Operations meeting• Assist in managing drug process/operational changes• Educate and communicate changes to clinical specialists• Assist in managing drug shortages
August 2010 – August 2012	Pharmacy Standards of Practice Workgroup
July 2011 – March 2012	Criteria for the Use of Alvimopan in Hospitalized Patients Updated June 2014
July 2011 – November 2011	Guidelines for the Use of Intravenous Neostigmine for Colonic Pseudo-obstruction, Co-Author: Melissa Pleva, PharmD
March 2011 – October 2011	Revised Criteria for Use of Methylalntrexone in Adult Hospitalized Patients
March 2009 – December 2009	Restriction of Methylene Blue and Blue Dye for Detection of Intestinal Leaks or Defects
August 2000 – August 2008	University of Michigan Hospitals and Health Centers Critical Care Steering Committee
January 2008	University of Michigan Hospitals and Health Centers Department of Pharmacy Services Policies and Procedures: Ordering and Administration of Intravenous Electrolytes in Adult Patients. Revisions and Update. Co-Authors: Cesar Alaniz, PharmD, Imad Btaiche, PharmD, Melissa Pleva, PharmD, Jim Stevenson, PharmD and Paul Walker, PharmD
August 2000 – August 2006	Surgical ICU multidisciplinary clinical and administrative team
October 2005	Electrolyte replacement protocol for surgical ICU patients
September 2005	Criteria for the use of epoetin alfa (Procrit®) for anemia associated with critical illness in surgical ICU patients
April 2003	Guidelines for maximum doses of selected continuous infusion medications used in the ICU; approved by the Critical Care Steering Committee

- August 2002 – January 2003 Surgical ICU/Surgical Critical Care Policies and Protocols: updated sections on Analgesia, Sedation, Paralytics, Shock and Resuscitation, Inotropes, Arrhythmia algorithm, Hypertension algorithm, Anemia and Erythropoietin in the ICU, and Nutrition, Metabolism, Fluids and Electrolytes; also reviewed the entire publication.
- June 2001 – December 2001 University of Michigan Hospitals and Health Centers Guidelines for the Appropriate Use of Recombinant Activated Protein C in Patients With Severe Sepsis (committee member).
- 2001 – 2002 University of Michigan Hospitals and Health Centers Department of Pharmacy Services Policies and Procedures: Ordering and Administration of Intravenous Electrolytes in Adult Patients. Co-Authors: Cesar Alaniz, PharmD, Imad Btaiche, PharmD, Nabil Khalidi, PharmD, Jim Stevenson, PharmD and Paul Walker, PharmD

University of Michigan

- Jan – May 2014 Provost Task Teams on Engaged Education and Digital Learning

Professional Reviewer

- American Journal of Health-System Pharmacy (2011, 2012)
University of Michigan Hospitals & Health Centers Parenteral & Enteral Nutrition Manual, 8th ed. (2002); 9th ed. (2009)
Journal of Clinical Pharmacy and Therapeutics (2009)
The Medical Letter (2008)
Southern Medical Journal (2006, 2007)
Nutrition (2006)
UHC (Drug Monograph) (2005)
Pharmacotherapy (2003)
Annals of Pharmacotherapy (2003)
P & T (2002)
Hospital Pharmacy (2001)
Critical Care Nurse (2000)

Professional Memberships and Leadership

- 2006 – present, Michigan Pharmacists' Association (MPA)
1997 – 1999 2006 – present: Professional Affairs Committee member
2011 – 2016: Chair, Professional Affairs Committee
- 2000 – present American Society for Parenteral and Enteral Nutrition (ASPEN)
2020: Nominations Committee – Board of Directors
2017: Nominated for the Board of Directors
2014 – present: Clinical Nutrition Informatics Committee
- Committee Chair (2019-2021)
 - Committee Vice-Chair (2017-2019)
- 2012 – present: Parenteral Nutrition Safety Committee (previously Parenteral Nutrition Safety Task Force)
2016 – 2017: ASPEN/Epic Parenteral Nutrition Workgroup

	<p>2015 – 2018: ASPEN/ASHP/AND Parenteral Nutrition Workgroup (Lead: Electronic Health Record-Automated Compounding Device Interface group)</p> <p>2013 – 2016: Chair, Section Affairs Subcommittee</p> <p>2015 – 2016: 2016 Clinical Nutrition Week Program Committee</p> <p>2014 – 2015: 2015 Clinical Nutrition Week Program Committee</p> <p>2013 – 2014: 2014 Clinical Nutrition Week Program Committee</p> <p>2013 – 2014: Nominations Committee – Board of Directors</p> <p>2012 – 2014: Immediate Past Chair, Pharmacy Practice Section</p> <p>2010 – 2012: Chair, Pharmacy Practice Section</p> <ul style="list-style-type: none">• Implemented New Practitioner Recognition to showcase research completed by new practitioners and to increase pharmacist involvement in ASPEN (expanded to all ASPEN Sections as an annual award)• Successfully filled all leadership positions within the section• Increased member involvement and volunteers for section leadership positions• Reorganized and distributed responsibilities amongst all leadership positions, established annual timeline and responsibilities• Increase in pharmacist membership within ASPEN ~ 6% <p>2009 – 2010: Chair-Elect, Pharmacy Practice Section</p> <p>2008 – 2010: Task Force for the revision of the ASPEN Standards for Nutrition Support Therapy in Adult Hospitalized Patients</p> <p>2005 – 2009: Secretary/Treasurer, Pharmacy Practice Section</p>
2000 – present	<p>Michigan Society for Parenteral and Enteral Nutrition (MSPEN)</p> <p>2009 – 2010: Past-president; co-coordinated annual fall conference</p> <p>2007 – 2009: President; coordinated annual fall conference</p> <p>2006 – 2007: President-elect; co-coordinated annual fall conference</p> <p>2004 – 2005: Pharmacist-at-Large</p>
1998 – present	<p>American Society of Health-System Pharmacists (ASHP)</p> <p>2014 – present: Faculty Advisor for Health-System Student Pharmacists at U-M (HSP-UM), ASHP Student Society</p> <p>2009 – 2014: Faculty Co-Advisor for Health-System Student Pharmacists at U-M (HSP-UM), ASHP Student Society</p> <p>2001 – present: Faculty Advisor for ASHP Clinical Skills Competition</p>
2000 – 2015	<p>American College of Clinical Pharmacy (ACCP), Full Member</p> <p>2008 – 2009: Secretary-Treasurer of the GI/Liver/Nutrition PRN</p>
1999 – 2014	<p>Society of Critical Care Medicine (SCCM)</p>