



UNIVERSITY of MARYLAND
SCHOOL OF PHARMACY

From the Chair's Desk

News from Jill A. Morgan, PharmD
Chair, Department of Pharmacy Practice and Science

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Dear colleagues,

In the Department of Pharmacy Practice and Science (PPS), our faculty, staff, and residents are pioneering new roles for pharmacists in outpatient clinics, hospital units, mental health institutions, skilled care facilities, and community pharmacies by applying their knowledge of disease and drug therapy. The same is true of their efforts related to educational innovations.

One recent example is the development of a new [Master of Science in Palliative Care and Graduate Certificates program](#), envisioned and spearheaded by [Mary Lynn McPherson, PharmD](#), a professor in PPS. Launching this spring, the online program has been designed to meet the educational needs of individuals who are currently working or who wish to work in hospice and palliative care and want to gain a deeper understanding of the physical, psychological, spiritual and social needs of patients and families affected by advanced illness, or those wishing to do so. It's right for physicians, pharmacists, nurses, advanced practice nurses, physician assistants, therapists, psychologists, administrators, social workers, chaplains, counselors, bereavement and volunteer specialists, thanatologists, and more. The program is enrolling now for the fall semester. [Click here](#) to learn more.



Sincerely,

Jill A. Morgan, PharmD, BCPS, BCPPS
Associate Professor and Chair

PPS Faculty Member Named Assistant Dean for Experiential Learning

[Kudos!](#)

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[Agnes Ann Feemster, PharmD, BCPS](#), assistant professor in PPS, has been named the new assistant dean for [experiential learning](#) at the School. A member of the School's faculty since 2014, Dr. Feemster brings more than 15 years of clinical, leadership, and management experience to her new role. [Read more here...](#)



Rodriguez de Bittner Named Inaugural UMMS Population Health Fellow

[Magaly Rodriguez de Bittner, PharmD, BCPS, FAPhA](#), professor in PPS and the School's associate dean for clinical services and practice transformation, has been named the inaugural fellow for the University of Maryland Medical System's (UMMS) Fellowship in Population Health. Working alongside members of UMMS senior leadership, Dr. Rodriguez de Bittner will share her expertise in pharmacy and patient care, while gaining insight about new trends in health care delivery and factors that influence leadership decision making in the field of population health. [Read more here...](#)



SOP's Heil Leads Study Showing Penicillin Testing Can Change Treatment Course

A study from the University of Maryland reveals that testing hospital patients for penicillin allergy leads to optimal antibiotic treatment, since most people who think they are allergic to penicillin are actually not. And finding out doesn't take an allergist: the study evaluated a penicillin allergy skin testing program that was managed by infectious diseases physician fellows who were able to appropriately assess patients for penicillin allergy and perform the testing. The study, led by [Emily L. Heil, PharmD, BCPS-AQ ID, AAHIVP](#), assistant professor in PPS, confirmed that many people who think they have a penicillin allergy actually do not when penicillin allergy testing is performed. [Read more here...](#)



Leadership Transition at the Lamy Center

Following the retirement of Bruce Stuart, PhD, professor emeritus in PHSR and former executive director of the Peter Lamy Center on Drug Therapy and Aging, [Nicole Brandt, PharmD, MBA, BCPP, CGP, FASCP](#), has been named as the Center's new executive director. [Chanel Whittaker, PharmD, BCPS](#),

[CGP, FASCP](#) associate professor in PPS, and [Linda Simoni-Wastila, BSPHarm, MSPH, PhD](#), professor in PHSR, have also been named as director of education and training programs and director of research and policy for the Center, respectively. [Read more here...](#)



Faculty Members Honored with Statewide Awards

Three faculty members in PPS were honored with statewide awards from the Maryland Society of Health-System Pharmacy (MSHP) in November in recognition of their excellence and dedication to advancing the pharmacy profession. [Jill A. Morgan, PharmD, BCPS, BCPPS](#), associate professor and chair, received the highest honor presented by MSHP - the W. Arthur Purdum Award - in recognition of her significant contributions to the field of health-system pharmacy. [Emily Heil, PharmD, BCPS-AQ ID, AAHVP](#), an assistant professor in PPS who specializes in infectious diseases, received the 2016 MSHP Medication Safety Award for her work with on the implementation of an infectious disease fellow-led penicillin allergy testing consult service. [Alison Duffy, PharmD, BCOP](#), a clinical assistant professor in PPS who practices in oncology, received the 2016 Jeffrey Ensor Leadership Award for her impact on Maryland health-system pharmacists or pharmacy practice as a young pharmacist. [Read more here...](#)

Balassone Lecture Spotlights Pharmacists' Role in Improving Care for Underserved

Steven W. Chen, PharmD, FASHP, FCSHP, FNAP, associate professor and chair of the Titus Family Department of Clinical Pharmacy and William A. and Josephine A. Heeres Endowed Chair in Community Pharmacy at the University of Southern California School of Pharmacy, delivered the annual Francis S. Balassone Memorial Lecture at the School of Pharmacy in October. Titled "Improving Health Outcomes While Advancing Pharmacy Practice through Innovative Pharmacy Services for the Underserved," the lecture spotlighted the efforts of Dr. Chen and his team to integrate comprehensive clinical pharmacy services into local safety net clinics - clinics that offer low cost or free health care services to underserved and uninsured populations - and the impact of those services on patients' health care quality, safety, and cost. [Read more here...](#)

Kudos!

Our department's faculty are regularly recognized at the local and national level for their expertise. Here is a short list of recent accomplishments.

- [Nicole Brandt, PharmD](#), professor and executive director of the Peter Lamy Center on Drug Therapy and Aging, has been appointed to the National Committee for Quality Assurance's Geriatric Measurement Advisory Panel. She is the first pharmacist appointed to this group.
- [Jeffrey Gonzales, PharmD](#), associate professor, received the American College of Clinical Pharmacy's Critical Care Practice and Research Network Clinical Practitioner Award.
- [Emily Heil, PharmD](#), assistant professor, received the 2016 Infectious Disease Practice and Research Network Clinical Practice Award from the American College of Clinical Pharmacy.
- [Brent Reed, PharmD](#), assistant professor, has been appointed to the American Heart Association's (AHA) Leadership Committee of the Council on Quality Care and Outcomes Research, has been named chair of the Maryland Advocacy Coordinating Committee of AHA's Mid-Atlantic Affiliate, and received the Outstanding Reviewer Award from the journal *Pharmacotherapy*. He has also been appointed to the editorial board of the journal *Pharmacotherapy*.
- [Charmaine Rochester, PharmD](#), associate professor, has been elected chair and treasurer of the Maryland Board of Pharmacy's Practice Committee.
- [Deanna Tran, PharmD](#), assistant professor, has been appointed chair of the Research Committee for the American Association of Colleges of Pharmacy's Laboratory Instructors Special Interest Group and has been re-appointed chair of the Maryland Pharmacists Association's Communications Committee.

- **Mona Tsoukleris, PharmD**, associate professor, has been elected to the Association of Asthma Educators' Board of Directors.

Publications

- **Love RC**, Kelly DL, Freudenreich O, Sayer MA. "Clozapine Underutilization: Addressing the Barriers. Assessment #1." National Association of State Mental Health Program Directors Technical Assistance Coalition funded by the Center for Mental Health Services. Substance Abuse and Mental Health Services Administration, Department of Health and Human Services. Available at http://www.nasmhpd.org/sites/default/files/Assessment%201_Clozapine%20Underutilization.pdf September 2016.
- **Rodriguez de Bittner M, Chirikov VV, Breunig IM, Zaghab RW, Shaya FT**. "Clinical Effectiveness and Cost Savings in Diabetes Care, Supported by Pharmacist Counselling." Journal of the American Pharmacists Association. Aug 2016, 1-7.
- Reddy H, **Duffy A**, Holtzman NG, Emadi A. "The Role of B-Elimination for the Clinical Activity of Hypomethylating Agents and Cyclophosphamide Analogues." American Journal of Cancer Therapy and Pharmacology. Sept 19, 2016.
- **Haines ST, Miklich MA*, Rochester-Eyeguokan CD**. "Best Practices for the Safe Use of Insulin Pen Devices in Hospitals: Recommendations from an Expert Panel Delphi Consensus." American Journal of Health-System Pharmacy. 2016; 73(suppl 5):S4-16.
- **Mattingly II TJ**, Gaballah M. 340B "Overview: The Evolution of Drug Price Discounts in the United States." Pharmacy Times Continuing Education. [Peer Reviewed] Available at: <https://www.pharmacytimes.org/landing/889>.
- **Noel Z**, Beavers C. "Proprotein Convertase Subtilisin/Kexin Type 9 Inhibitors: A Brief Overview." American Journal of Medicine. 2016 Oct 15.
- **Franquiz MJ**, Saleeb PG, Shanholtz CB, Gonzales JP. "Clinical Characteristics of Critically Ill Patients with Suspected Influenza during the 2009-10 and 2013-14 Outbreaks." Journal of Critical Care. 38 (2016) 73-77.
- Wiggins BS, Saseen JJ, Page RL 2nd, **Reed BN**, Sneed K, Kostis JB, et al; American Heart Association Clinical Pharmacology Committee of the Council on Clinical Cardiology; Council on Hypertension; Council on Quality of Care and Outcomes Research; and Council on Functional Genomics and Translational Biology. Recommendations for Management of Clinically Significant Drug-Drug Interactions with Statins and Select Agents Used in Patients with Cardiovascular Disease: A Scientific Statement from the American Heart Association. Circulation. 2016 Oct 17. pii: CIR.0000000000000456
- Oliver WD, **Heil EL**, Thom KA, Martinez JP, Hayes BD. "Allergy Profile should be Updated after Uneventful Administration of a Penicillin or Penicillin-related Antibiotic to a Patient with Penicillin Allergy." Journal of Allergy Clinical Immunology: In Practice 2016 (epub ahead of print).
- King M, Huang V, Gallagher J, **Heil EL**. "Outcomes with Cefazidime/avibactam in Patients with Carbapenem-resistant Pseudomonas infections: A Multi-center Study." ID Week. New Orleans, LA. October 2016 (abstract).
- King M, **Heil EL**, Kuriakose S, Bias T, Huang V, El-Beyrouy C, McCoy D, Hiles J, Gardner J, Gallagher J. "Outcomes with Cefazidime/avibactam in Patients with Carbapenem-resistant Enterobacteriaceae (CRE) Infections: A multi-center Study." ID Week. New Orleans, LA. October 2016 (abstract).
- Hines MC, **Reed BN, Ivaturi V**, Bontempo LJ, Bond MC, Hayes BD. "Diltiazem versus Metoprolol for Rate Control in Atrial Fibrillation with Rapid Ventricular Response in the Emergency Department." American Journal of Health System Pharmacy. 2016 Dec 15;73(24):2068-2076.
- Zasowski EJ, Trinh TD, **Claeys KC**, Casapao AM, Sabagha N, Lagnf AM, Klinker K, Davis SL, Rybak MJ. "A Multicenter Observational Study of Ceftriaxone Fosamil for Methicillin-Resistant Staphylococcus aureus Bloodstream Infections." Antimicrobial Agents and Chemotherapy. 2016 Nov 28. pii: AAC.02015-16. PMID 27895012
- Haggerty L, **Tran, D**. "Cholesterol Point-of-Care Testing for Community Pharmacies: A Review of the Current Literature." Journal of Pharmacy Practice. 2016; epub ahead of print.
- **McPherson ML**. "Methadone Safety Guidelines for Hospice and Palliative Care. AAHPM Quarterly 2016;16(2).
- **McPherson ML**. "Pharmacist-driven, Patient-centered Interventions in Pain Management. Pharmacy Today, September 2016, 43.
- **Sera, L**. "Feeling the Burn: Updated Treatment Recommendations." Pharmacy Today, September 2016, 44.
- **Bemben, N**. "CDC Recommends Limiting Duration of Opioid Therapy for Acute Pain." Pharmacy Today, September 2016, 44.
- Rajendran P, **McPherson ML**. "When to Say When: The Use and Overuse of Oral Proton Pump Inhibitors." Maryland Pharmacist, Summer 2016, 17-23.
- **Stassinis G, Klein-Schwartz W**. "Comparison of Pediatric Atypical Antipsychotic Exposures

- Reported to U.S. Poison Centers." *Clinical Toxicology* (Phila). 2016 Sep 20:1-6.
- **Stassinis GL, Klein-Schwartz W.** "Bupropion 'Abuse' Reported to US Poison Centers." *Journal of Addiction Medicine*. 2016 Aug 8.
- **Mattingly II TJ, Heil EL,** Hoke KS. "Tipping Point: The Case for Eminent Domain of Hepatitis C Virus Treatment Patents." *Journal of Health Care for the Poor and Underserved*. Epub ahead of print August 2016.
- **Mattingly II TJ,** Mullins CD, Onukwugha E. "Publication of Cost-of-Illness Studies: Does Methodological Complexity Matter?" *Pharmacoeconomics*. 2016; 34:1067-70. doi: 10.1007/s40273-016-0438-4.
- **Devabhakthuni S, Reed BN, Watson K.** "Interactive Web-based Regional Journal Club for Postgraduate Year 2 Pharmacy Residents in Cardiology." *American Journal of Health System Pharmacy*. 2016 Sep 1;73(17):1300. doi: 10.2146/ajhp160351.
- Afrane M, **Sera L,** Holmes HM, **McPherson ML.** "Commonly Prescribed Medications Among Patients in Hospice Care for Chronic Obstructive Pulmonary Disease." *American Journal of Hospice and Palliative Care*. 2016 Aug;33(7):638-43.
- **Sera L,** Uritsky T. "Pharmacokinetic and Pharmacodynamic Changes in Older Adults and Implications for Palliative Care." *Progress in Palliative Care*. 2016;24(5):255-261.
- Hovatter JM, Cooke CE, **Rodriguez de Bittner, M.** "Collaborative Employee Wellness: Living Healthy with Diabetes." *Benefits Quarterly*. 2016; 32 (3): 41-45.
- **Claeys, K.** Blog Post: "Reality Versus Expectation: Completing An Infectious Diseases Pharmacy Fellowship" <https://www.idstewardship.com/mrsa-bloodstream-infection-vancomycin-daptomycin/>

Presentations

- **Booze L.** "What's New in Toxicology" at the Eastern Shore Emergency and Critical Care Symposium held at Chesapeake College, Wye Mills MD. November 17, 2016.
- **Rochester-Eyeguokan CD,** Meade L. "Blue Pill, Pink Pill? How to Manage Sexual Dysfunction in Women with Diabetes." American Association of Diabetes Educators Annual Meeting. San Diego, California. August 2016.
- **Rochester-Eyeguokan CD,** Meade L. "Weight Loss Medications in Prediabetes and Type 2 Diabetes: Who, When, How?" American Association of Diabetes Educators Annual Meeting. San Diego, California. August 2016.
- **Mattingly II TJ,** Slejko JF, Mullins CD. "Cost-Effectiveness of Grazoprevir/Elbasvir in Patients with Chronic Hepatitis C Virus." International Society for Pharmacoeconomics and Outcomes Research Annual European Congress, Vienna, Austria, November 1, 2016.
- **Heil EL.** "Antibiotic Dosing in Special Populations: Hunting for Goldilocks" ID Week, New Orleans, LA, October 2016.
- **Heil EL.** "Regulatory Standards in Antimicrobial Stewardship in Acute Care" - American College of Clinical Pharmacy Annual Meeting - Hollywood, FL, October 2016.
- **Heil EL.** "2016 CLSI Updates and Controversies in Gram Negative Antimicrobial Stewardship" - American College of Clinical Pharmacy/Society of Infectious Diseases Pharmacists - Webinar, October 2016.
- **Heil EL.** "No Allergist? No Fear! The Role of Penicillin Allergy Testing in Antimicrobial Stewardship." MSHP Medication Safety Awards Dinner, Baltimore, MD, November 2016.
- **Tran D.** "Just Keep Vaccinating." Maryland's Department of Health and Mental Hygiene and Maryland Medicaid Pharmacy Program. Baltimore, MD. Presented November 2016.
- **McPherson ML, Mendoza K.** "Seriously? I Have to Worry about Drug Abuse and Diversion in HOSPICE?" Hospice and Palliative Care Network of Maryland - Muffins for Maniacs Webinar Series. December 2016. State. Accredited for Nursing and Social Work.
- **Mendoza K, McPherson ML.** "Wow, That's Intense! Wait... What's an Intense? Alternate Routes of Medication Administration in Advanced Illness." Hospice and Palliative Care Network of Maryland Annual Conference. Ellicott City, MD. November 2016. State. Accredited for Nursing and Social Work.
- **Mendoza K,** Hilliard R, **McPherson M.** "What Hospice Providers Want to Know About Medical Cannabis." Hospice and Palliative Care Network of Maryland Annual Conference. Ellicott City, MD. November 2016.
- **McPherson ML,** Morhaim DK. "An Update on the Status of Medical Cannabis in Maryland." AZO Fraternity Kappa Chapter 2016 Albert Katz Lecture. Baltimore, MD, November 2016.
- **Patzke D,** Chui SHJ, Yeung SYA, Zimrin A. "Argatroban use in Patients with Hepatic Dysfunction or Critical Illness." Vizient University Health System Consortium on December 3rd (preliminary results).
- Lebovitz L, Coop A, **Morgan JA.** "A Collaborative Process to Measure Faculty Workload." Platform. Maryland Association for Institutional Research Fall Conference. Baltimore, MD. November 2016.

- **Morgan JA.** "What's New in Pediatrics." Platform. Kaiser Permanente Annual Meeting. Rockville, MD. October 2016.
- **Tran D,** Brueckl M. "Mission Impossible: Precepting the Rogue Student." University of Maryland School of Pharmacy Academy of Preceptors. Baltimore, MD. Presented May 10 2016.
- **Layson-Wolf C, Tran D.** "Shot Wars: May the Force (ACIP) Be With You." Maryland Pharmacists Association Annual Meeting. Ocean City, MD. June 11 2016.
- **Tran, D.** "Mission Impossible: Precepting the Rogue Student." American Pharmacists Association NP LIFE. Washington DC. Presented July 16 2016.
- Shivananda A, **Sera L, McPherson ML.** "Pharmacotherapeutic Management of Chronic Obstructive Pulmonary Disease in Patients Admitted to Hospice." Seasons Hospice & Palliative Care 2016 Clinical Case Conference, Chicago, IL, September 2016.
- **Sera L,** Holmes H, **McPherson ML.** "Medication use in Hospice Patients with Failure to Thrive or Debility." Seasons Hospice & Palliative Care 2016 Clinical Case Conference, Chicago, IL, September 2016.
- **Sera L, McPherson ML,** Holmes H. "The 100 Most Commonly Prescribed Drugs in a Population of Hospice Patients." Seasons Hospice & Palliative Care 2016 Clinical Case Conference, Chicago, IL, September 2016.
- Mendoza KS, Hilliard R, **McPherson ML.** "Are We 'In the Weeds?' What Hospice Providers want to Know about Medical Cannabis." Seasons Hospice & Palliative Care 2016 Clinical Case Conference, Chicago, IL, September 2016.
- Mendoza KS, Hilliard R, **McPherson ML.** "Are we 'In the Weeds?' What Hospice Providers want to Know about Medical Cannabis." PainWeek 16, Las Vegas, NV, September 2016.
- **McPherson ML,** Mendoza K. "Pharmacologic and Clinical Effects of Cannabis (Medical Marijuana)." Hospice and Palliative Care Network of Maryland Muffins for Maniacs Lecture Series, Baltimore, MD, September 2016.
- **McPherson ML,** Adkinson S. "Neuropathic Galactica." Preconference at PainWeek 16, Las Vegas, NV, September 2016.
- **McPherson ML,** Glick D. "Pain Terminology: Knowing the Difference Makes a Difference." PainWeek 16, Las Vegas, NV, September 2016.
- **McPherson ML,** Adkinson S. "Meducating Pain Professionals: Interprofessional Education in Pain Management." PainWeek 16, Las Vegas, NV, September 2016.
- **McPherson ML.** "The Constipation Sensation that's Sweeping the Nation: Management of Opioid-induced Constipation." PainWeek 16, Las Vegas, NV, September 2016.
- **McPherson ML.** "Opioid Conversion Calculations." PainWeek 16, Las Vegas, NV, September 2016.
- **McPherson ML, Walker K.** "Methadone and Marijuana: What's New and What's Not." PainWeek 16, Las Vegas, NV, September 2016.
- **Walker K, McPherson ML.** "Speed Dating with the Pharmacy Ladies: Pain Management and Palliative Care." PainWeek 16, Las Vegas, NV, September 2016.
- **McPherson ML,** Atayee R. "New Drugs in Pain Management and Palliative Care." PainWeek 16, Las Vegas, NV, September 2016.
- **McPherson ML,** Walker K. "To Infinity and Beyond: Safe and Effective Opioid Titration Strategies." PainWeek 16, Las Vegas, NV, September 2016.
- **Booze, L.** "Drug Abuse Trends: A Poison Control Center's Perspective." Drug Abuse in Western Maryland 9/24/16. Allegany College of Maryland in Cumberland. MD. Sponsored by Allegany College of Maryland and the Nurse Practitioner Association of Maryland.
- Pollan M, Goldsmith G, **McPherson ML,** Richards WA. "Psilocybin and the Next Frontier in Psychological Support for those Living with Advanced Illness." National Summit on Advanced Illness Care, Washington, DC, September 2016.
- **McPherson ML.** "I'll Take Methadone for \$300 Alex." Seasons Hospice & Palliative Care Clinical Conference, Chicago, IL, September 2016.
- **Mattingly II TJ,** Krenning M, Clough B, Tuell K. "Real World Outcomes and Performance of Specialty Pharmacy." National Association of Specialty Pharmacy Annual Meeting & Exposition, Washington, DC. September 27, 2016.
- **Bivens A, Klein-Schwartz W, Whittaker C,** Tom S. "Test My Medicine IQ-A Comparison of Outreach Methods in Older Adults." North American Congress of Clinical Toxicology, Boston, MA, September 16, 2016 (National, Poster, Submitted, Original)
- **Bivens A.** "PEC Symposium: Partnership Success Stories"; North American Congress of Clinical Toxicology, September 15, 2016
- **Claeys, K.** "Back to Basics - Dosing of Aminoglycosides". Maryland Society of Health-Systems Pharmacists. Infectious Disease CE Dinner, Baltimore, MD, 9/22/2016.
- **Sera L.** "Opioid Pharmacology." National Institutes of Health Department of Palliative Medicine, Bethesda, MD. Medicine, Bethesda, MD. Sep 2016.
- **Sera L.** "Learning Objectives and Evaluations." Washington Metropolitan Society of Health-System Pharmacists Teaching Certificate Program. Washington, DC. Sep 2016.