Dear colleagues,

Happy New Year! 2018 promises to be an exciting one for the Department of Pharmaceutical Health Services Research at the University of Maryland School of Pharmacy. I look forward to continued engagement with our alumni and colleagues at other schools of pharmacy across the country. Please mark your calendars for May 21, when PHSR will host an Alumni and Friends lunch in Baltimore during the annual meeting of the International Society of Pharmacoeconomics and Outcomes Research (ISPOR). We hope you will all be able to attend so that we can welcome you back to Baltimore. More details will be available soon.

I'd also like to offer my congratulations to PHSR alumnus Shelby Reed, BSP, PhD '99, on her election as president of ISPOR. The achievements of all of our alumni make us, their former mentors, extremely proud.

C. Daniel Mullins, PhD
Professor and Chair

PHSR Faculty Receives University Teacher of the Year Award
Please join me in congratulating Fadia Shaya, PhD, professor in PHSR and the department's vice chair for academic affairs, on her selection as the University of Maryland, Baltimore's (UMB) Founders Week Teacher of the Year. Dr. Shaya is an inspirational educator, teacher, and mentor to predoctoral students, postdoctoral fellows, and junior faculty. She received her award at the University's annual Founders Gala on Oct. 14. Read more here...

Lamy Center Names Inaugural Champions

The Peter Lamy Center on Drug Therapy and Aging at the School of Pharmacy has named five renowned practitioners in the field of geriatric health care to its inaugural Lamy Champions coalition. Through their work as Lamy Champions, these individuals will help the Center advance its mission to improve drug therapy for aging adults, disseminating best practices for the care of older adults, developing innovative educational offerings to empower older adults and caregivers in the community, and providing high quality continuing education offerings to health care professionals in the field. The Lamy Champions coalition features a diverse group of interprofessional health care practitioners who provide specialized geriatric care in various practice settings. These individuals have demonstrated sustained service to a geriatric-focused clinical practice, displayed leadership in the area of geriatrics, and currently serve as preceptors for the Experiential Learning Program or Lamy Center post-graduate training...
programs at the School of Pharmacy. Their activism on both practice and advocacy levels has been critical to advancing the role of the pharmacist and interprofessional teams across the state of Maryland and beyond. The Lamy Center is a collaboration between PHSR and the Department of Pharmacy Practice and Science. Read more here...

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**Study Finds Link Between Antidepressant Use and Type 2 Diabetes**

A team of researchers led by former graduate student Mehmet Burcu, PhD '17, and Julie Zito, PhD, professor in PHSR, found that current (prolonged) use of serotonin reuptake inhibitors - a major class of antidepressant medications - in children and adolescents was associated with a nearly two-fold increased risk of developing type 2 diabetes when compared to youths who formerly used (but eventually discontinued) those medications. Published in *JAMA Pediatrics*, this study is the first population-based study that comprehensively examines pediatric patients' risk of developing type 2 diabetes after beginning treatment with an antidepressant. Read more here...

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**Scholarship Awards Recognize Up-and-Coming Health Services Researchers**
PHSR hosted its Graduate Program Awards Presentation and Reception on Oct. 2, to present the Donald O. Fedder Memorial Fellowship, the Harris Zuckerman Scholarship Award, and the Arthur Schwartz Memorial Scholarship to eight exceptional students in its PhD in PHSR program. The event recognized students who received the awards in the 2015-2016, 2016-2017, and 2017-2018 academic years. Read more here...

Shark Tank Competition Celebrates Pharmapreneurial Innovation

The School of Pharmacy hosted a Shark Tank-style competition in June to showcase the pharmapreneurial talent of faculty across its departments, and I'm happy to report that the PHSR team of Wendy Camelo Castillo, MD, MSc, PhD, assistant professor; Danya Qato, PharmD, MPH, PhD, assistant professor; and Linda Simoni-Wastila, BSpPharm, MSPH, PhD, the Parke-Davis Chair in Geriatric Pharmacotherapy and professor, were one of three winning teams with their proposal for a project that would link two national health and pharmaceutical claims datasets - Medicare and Medicaid - to help researchers better understand the course of pharmaceutical access, health care utilization patterns, and health outcomes among people with disabilities. The competition celebrated the School’s recently launched pharmapreneurism initiative, which describes its commitment to supporting and best positioning faculty, staff, and students to achieve their career aspirations and address the nation’s health care, research, policy, and societal needs, and awarded $50,000 to one team from each department to help support their pioneering projects. Read more here...
Study Raises Ethical Concerns for Informed Consent in Antibiotic Trials

A team of researchers led by Peter Doshi, PhD, assistant professor in PHSR, has found that randomized clinical trials for antibiotics often fail to accurately inform patients about the purpose of those trials. Published in *JAMA Internal Medicine*, their study raises a number of concerns about the ethics of informed consent, specifically in antibiotic trials. Read more here...

Mullins Named Recipient of International Professional Leadership Award

Daniel Mullins, PhD, professor and chair of PHSR, received the 2017 Marilyn Dix Smith Leadership Award from the International Society of Pharmacoeconomics and Outcomes Research (ISPOR). Named for the founding executive director of ISPOR, the Marilyn Dix Smith Leadership Award is presented annually to an individual who has demonstrated extraordinary leadership to the organization. Dr. Mullins has been a member of ISPOR for nearly 15 years and has served in a number of leadership roles within the organization, chairing and co-chairing several task forces and committees, including the organizing committee for its 13th Annual International Meeting in 2008, and its Faculty Advisors Council. He also currently serves as co-editor-in-chief for *Value in Health*, ISPOR's professional journal. Read more here...
Kudos

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

- Hillary Edwards, MPH, assistant director of program management and evaluation in the PATIENTS Program, has been named president of the UMB Staff Senate.
- Fadia Shaya, PhD, professor, has been elected to the Board of Directors of AcademyHealth.

Grants and Contracts

- Susan dosReis, PhD, professor, received a two-month $25,000 grant from Pharmaceutical Research and Manufacturers of America for "Center for Patient-Focused Value Assessment."
- Maya Hanna, a graduate student, received a one-year $25,000 grant from Pharmaceutical Research and Manufacturers of America for "Geographic Variations of Screening and Diagnosis of Alzheimer's disease and Related Dementias in the United States."
- C. Daniel Mullins, PhD, professor and chair, received a one-year $157,753 grant from the Alpha-1 Foundation for "Direct Medical Costs of Alpha-1 Antitrypsin Deficiency in the United States."
- Eleanor Perfetto, PhD, professor, received a one-year $16,487 contract from the Pharmacy Quality Alliance for "Outcome Measures of Hospitalization from Bleeding Events from Anticoagulant Medication Use."
- Fadia Shaya, PhD, professor, received the following from the Maryland Department of Health's Behavioral Health Services Administration:
  - a one-year $380,000 contract for "Evaluation and Technical Assistance Services for the Maryland Substance Abuse Prevention and Treatment Block Grant Prevention Program."
  - an eight-month $120,000 contract for "Social Marketing Campaign, Technical Assistance and Evaluation."
  - a one-year $320,000 grant for "Implementation & Evaluation for the Strategic Prevention Framework for Prescription Drugs (SPF Rx) Initiative."
  - one-year $215,000 contract for "Technical Assistance and Evaluation of the Strategic Prevention Framework - Partnership for Success Initiative."
- Linda Simoni-Wastila, PhD, professor and Parke-Davis Chair in Geriatric Pharmacotherapy, received a two-year $218,840 contract from Novartis for "Novartis HEOR Fellowship" and received a seven-month $60,385 contract from the Maryland Department of Health for "Managed Care Shared Savings Calculation for MMPP."
Julia Slejko, PhD, assistant professor, received a 13-month $154,003 contract from Novartis for "Literature Review of Claims-based Measures for Oral Oncology Drugs."

### Publications


- **Mehmet Burcu, PhD, MS, Julie M. Zito, PhD, Daniel J. Safer, MD, Laurence S. Magder, PhD, Susan dosReis, PhD, Fadia T. Shaya, PhD, MPH, Geoffrey L. Rosenthal, MD, Concomitant Use of Atypical Antipsychotics with Other Psychotropic Medication Classes and the Risk of Type 2 Diabetes Mellitus. *Journal of the American Academy of Child and Adolescent Psychiatry* Aug 2017 56 (8): 642-651

- **Mehmet Burcu, PhD, MS; Julie M. Zito, PhD, FISPE; Daniel J. Safer, MD; Laurence S. Magder, PhD; Susan dosReis, PhD; Fadia T. Shaya, PhD, MPH; Geoffrey L. Rosenthal, MD, PhD, Association of Antidepressant Medications with Incident Type 2 Diabetes among Medicaid-Insured Youths. *JAMA Pediatrics*. Published online October 16, 2017. doi:10.1001/jamapediatrics.2017.2896


- **Zito JM, PhD, Green LD MD.** 2016 Medical Care Student Award Papers. Medical Care. 2017. doi: 10.1097/MLR.0000000000000815.

- **Zito JM, PhD, Burcu M PhD.** Response to Adesman and Blaufox re: 'Stimulants and Pediatric Cardiovascular Risk'. *Journal of Child and Adolescent Psychopharmacology*. 2017;27(6):560


