



UNIVERSITY OF MARYLAND
SCHOOL OF PHARMACY

University of Maryland School of Pharmacy
Department of Pharmaceutical Health Services Research
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Faculty and Student Accomplishments

Department of Pharmaceutical Health Services Research

Faculty Accomplishments

Faculty members in the Department of Pharmaceutical Health Services Research are nationally and internationally recognized leaders in a wide variety of areas. Some recent examples of their published research findings include:

“Cost-of-Illness Studies: A Review of Current Methods.” *Pharmacoeconomics*

“Communication Skills Development in Colleges of Pharmacy.” *American Journal of Pharmaceutical Education*

“Insurance for Children With Special Health Care Needs: Patterns of Coverage and Burden on Families to Provide Adequate Insurance.” *Pediatrics*

“Raising the Medicare Eligibility Age: Effects on the Young Elderly.” *Health Affairs (Millwood)*

“Ethnic Disparities and Trends in Glycemic Control Among Adults With Type 2 Diabetes in the U.S. From 1988 to 2002.” *Diabetes Care*

“Putting a Public Health Face on Clinical Practice.” *Disease Management and Health Outcomes*



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“Antidiabetic Therapy and the Risk of Heart Failure in Type 2 Diabetic Patients: An Independent Effect or Confounding by Indication.” *Pharmacoepidemiology & Drug Safety*

“Disparities in Prevalence Rates for Lung, Colorectal, Breast, and Prostate Cancers in Medicaid.” *Journal of the National Medical Association*



“Cost-Effectiveness Analysis of Linezolid Compared With Vancomycin for the Treatment of Nosocomial Pneumonia Caused by Methicillin-resistant Staphylococcus Aureus.” *Clinical Therapeutics*

“Triptans for Migraine Therapy: A Comparison Based on Number Needed to Treat and Doses Needed to Treat.” *The American Journal of Managed Care Pharmacy*

“Quality-of-Care Data From Managed Care Organizations.” *New England Journal of Medicine*

“Patients’ Attitudes About Living Donor Transplantation and Living Donor Nephrectomy.” *American Journal of Kidney Diseases*

“Treatment-Emergent Adverse Events From Selective Serotonin Reuptake Inhibitors by Age Group: Children Versus Adolescents.” *Journal of Child & Adolescent Psychopharmacology*

“Selective Cyclooxygenase-2 Inhibition and Cardiovascular Effects: An Observational Study of a Medicaid Population.” *Archives of Internal Medicine*

“Risk Factors Associated With Problem Use of Prescription Drugs.” *American Journal of Public Health*

“Riding the Rollercoaster: The Ups and Downs in Out-of-Pocket Spending Under the Standard Medicare Drug Benefit.” *Health Affairs (Millwood)*

“Coverage and Use of Prescription Drugs in Nursing Homes: Implications for the Medicare Modernization Act.” *Medical Care*



“Characteristics of Homeless HIV-Positive Outreach Responders in Urban U.S. and Their Success in Primary Care Treatment.” *AIDS Care*

“Disparities in Access to Essential New Prescription Drugs Between Non-Hispanic Whites, Non-Hispanic Blacks, and Hispanic Whites.” *Medical Care Research and Review*

“Effect of Medicaid Eligibility Category on Racial Disparities in the Use of Psychotropic Medications Among Youths.” *Psychiatric Services*

“Potentially Inappropriate Prescribing Before and After Nursing Home Admission Among Patients With and Without Dementia.” *American Journal of Geriatric Pharmacotherapy*

Graduate Student Accomplishments

Pharmaceutical Health Services Research graduate students often receive grants to fund their research and dissertation projects. They are given the opportunity to present their work at meetings and conferences nationally and internationally. In addition, students participated in internships at various drug companies, government agencies, and private companies.

Grants

Predocotrinal Traineeship Award, NIH
“Outcomes of Depression Following Acute Myocardial Infarction in the Elderly”
Christopher Blanchette

Predocotrinal Traineeship Award, NIH
“Breast Cancer Patients’ Preferences for Local and Systemic Therapies”
Jesse Cooke

Predocotrinal Trainee Award, NHLBI
“Cultural Competency and Provider Education in Hypertension and Diabetes Management”
A Supplement to the U01 grant, “The Baltimore Partnership Program to Reduce Cardiovascular Disparities”
Confidence Gbarayor



Predocotrinal Traineeship Award, NIH
“Trends and Implications of Polypharmacy: Selective Serotonin Reuptake Inhibitors and Drug-drug Interactions Through the Cytochrome P450 Enzyme System”
Robert LoCasale

Postdoctoral Traineeship Award, AHRQ
“Assessing the Impact of Incorporating Patient Knowledge and Beliefs Into Anticoagulation Therapy Management Services”
Danielle Chauncey

AFPE Gateway Research Scholarship
“The Disparities in End-Stage Renal Disease (ESRD) Treatment Modalities Using the United States Renal Data System (USRDS) 1997-1998 database”
Jing Ju

Internships

- AHRQ
- Merck & Co., Inc
- Novartis Pharmaceuticals
- Pharmaceutical Research and Manufacturers of America
- PharMerit
- Pfizer Inc.
- Pfizer Global Epidemiology, Barcelona, Spain

Presentations

- “Does Computerized Prescriber-Order-Entry Reduce Medication Errors?” – AHRQ
- “Health Care Cost of Analgesic Use in Hypertensive Patients” – Howard University
- “Evaluation of the Pennsylvania Oxycontin Intensified Intervention: Impact on Drug Utilization and Expenditures” – American Pharmaceutical Association
- “Switching and Discontinuation of Sertraline, Paroxetine, and Citalopram Therapy” – International Society for Pharmacoeconomics and Outcomes Research
- “Does Headache Response Equate to Functional Response in Patients Suffering from Migraine” – Drug Information Association EuroMeeting, Lisbon, Portugal – first place winner in student poster competition



- “Cultural Competency, Ethnic Diversity, and Health Disparities” – Joint Commission of Pharmacy Practitioners Conference – Rosslyn, VA
- “Benzodiazepine Use and Spending in Medicare Beneficiaries” – 13th National Institutes of Mental Health Biennial Research Conference on the Economics of Mental Health