

## ***CURRICULUM VITAE***

### **Daniela Claudia Moga, M.D., Ph.D.**

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#### **GENERAL INFORMATION**

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Lexington, KY 40536-0596

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#### **EDUCATION & TRAINING**

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10/1991 – 09/1997 M.D. Medicine  
University of Medicine and Pharmacy, Cluj-Napoca, Romania

01/1998 – 01/2000 Postgraduate Clinical Internship  
Internal Medicine, General Surgery and Family Medicine  
Cluj County Hospital, Cluj-Napoca, Romania

01/2000 – 09/2003 Residency Training: Public Health and Management  
University of Medicine and Pharmacy, Cluj-Napoca, Romania

10/2003 – 11/2006 Residency Training: Epidemiology  
University of Medicine and Pharmacy, Cluj-Napoca, Romania

08/2005 – 12/2005 Fogarty International Program  
University of Iowa, College of Public Health  
Scholar, Student Exchange Program

08/2007 – 05/2012 Ph.D., Epidemiology  
University of Iowa, College of Public Health, Iowa City, IA  
Title: Bladder Antimuscarinics Use in the Veterans Affairs Community  
Living Centers: Description of Medication Use and Evaluation of Risks and  
Benefits.  
Advisor: Elizabeth Chrischilles, MS, PhD

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#### **ACADEMIC APPOINTMENTS**

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07/2020 – Present Larry H. Spears Endowed Chair in Pharmacogenetics, College of Pharmacy,  
University of Kentucky, Lexington, KY

07/2018 – Present Associate Professor (with tenure), Department of Pharmacy Practice and Science,  
College of Pharmacy, University of Kentucky, Lexington, KY (Primary  
Appointment)

07/2019 – Present Associate Professor, Department of Epidemiology, College of Public Health,  
University of Kentucky, Lexington, KY (Joint Appointment)

03/2015 – Present Faculty Associate, Sanders-Brown Center on Aging, University of Kentucky,  
Lexington, KY

07/2012 – 06/2019	Assistant Professor, Department of Epidemiology, College of Public Health, University of Kentucky, Lexington, KY (Joint Appointment)
07/2012 – 06/2018	Assistant Professor, Department of Pharmacy Practice and Science, College of Pharmacy, University of Kentucky, Lexington, KY (Primary Appointment)
10/2003 – 5/2007	Assistant Professor, Department of Epidemiology and Primary Health Care, University of Medicine and Pharmacy, Cluj-Napoca, Romania

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#### **ADMINISTRATIVE ROLES**

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02/2020-	Assistant Dean for Research College of Pharmacy, University of Kentucky
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#### **PROFESSIONAL EXPERIENCE**

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09/2007 – 06/2012	Research Assistant, Health Effectiveness Research Center, University of Iowa, Iowa City, IA
11/2009 – 05/2012	Research Consultant, Institute for Clinical and Translational Science, Biostatistics Epidemiology & Research Design Core, University of Iowa, Iowa City, IA
06/2009 – 08/2009	Summer Intern in Outcomes Research, Pfizer Headquarters, New York, NY
05/2007 – 08/2007	Clinical Research Associate, AbCRO INC. Bucharest, Romania
10/2003–11/2006	Residency training in Epidemiology, Department of Community Medicine and Family Practice, University of Medicine and Pharmacy, Cluj-Napoca, Romania
01/2000 – 09/2003	Residency training in Public Health and Management, Department of Community Medicine and Family Practice, University of Medicine and Pharmacy, Cluj-Napoca, Romania
01/1998 - 01/2000	Postgraduate clinical internship (rotations: Internal Medicine, General Surgery, and Family Medicine), Cluj County Hospital

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#### **TEACHING**

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##### **University of Kentucky, Lexington, KY**

##### **Instructor/Course Coordinator:**

PHR 951	Scholarship 1 (3 credits), Department of Pharmacy Practice and Science, College of Pharmacy, Fall 2018-2019
PPS 760-011	Special Topics in Pharmacy Practice and Science: Introduction to Epidemiology - Applications in Pharmacy (3 credits), Department of Pharmacy Practice and Science, College of Pharmacy, Summer 2018-2019
PPS 701/CPH 713	Pharmacoepidemiology (3 credits), Department of Pharmacy Practice and Science, College of Pharmacy, and Department of Epidemiology, College of Public Health, Spring 2013, 2015, 2017, 2019
PPS 710	Techniques in Secondary Data Research (3 credits), Department of Pharmacy Practice and Science, College of Pharmacy, Fall 2013, 2016- 2019, Summer 2013, 2014
PPS 790	Independent Studies in Outcomes Research (1-3 credits), Department of Pharmacy Practice and Science, College of Pharmacy, Spring 2016, 2019, Fall 2019
CPH 719	Independent Studies in Epidemiology (3 credits), Department of Epidemiology,

## College of Public Health, Fall 2015, Spring 2015, 2016

**Facilitator:**

PHR 952	Scholarship 2 (3 credits), Department of Pharmacy Practice and Science, College of Pharmacy, Spring 2020
iCATS	Interprofessional Collaboration and Team Skills Spring 2019
PPS 910	Intro to Pharmacy Practice I: iCATS IPE Activity Fall 2014, 2015, 2016, 2018
PPS 920	Intro to Pharmacy Practice II: iCATS IPE Activity Spring 2015, 2016, 2017
PPS 969	Patient Care Lab VI: Inter-professional Education Activity Spring 2014

**Guest Lecturer:**

03/2017	“Validity and Bias”, Advanced Epidemiology, Department of Epidemiology, University of Kentucky (3 hours)
02/2017	Clinical Research Challenge Review, Review of biostatistics methods for PharmD students entering ACCP's Clinical Research Challenge (1 hour)
01/2017	Clinical Research Challenge Review, Review of biostatistics methods for PharmD students entering ACCP's Clinical Research Challenge (1 hour)
08/2016	Clinical Research Challenge Review, Review of biostatistics methods for PharmD students entering ACCP's Clinical Research Challenge (1 hour)
04/2016	“Epidemiologic Study Design Issues with Administrative Data and Electronic Medical Records Data”, Advanced Epidemiology, Department of Epidemiology, University of Kentucky (3 hours)
03/2016	“Pharmacoepidemiology in Long-Term Care Populations”, Pharmacoepidemiology of Older Adults: Research Challenges and Opportunities, Department of Epidemiology, Gillings School of Global Public Health, University of North Carolina Chapel Hill (1 hour)
03/2016	“Propensity Scores and their Use in Addressing Bias and Confounding”, Professional Seminar in Epidemiology, Department of Epidemiology, University of Kentucky (3 hours)
02/2016	Clinical Research Challenge Review, Review of biostatistics methods for PharmD students entering ACCP's Clinical Research Challenge (1 hour)
11/2015	“Applied Epidemiology”, Pharmaceutical Policy and Public Health, Department of Pharmacy Practice and Science, University of Kentucky (2 hours)
08/2015	Clinical Research Challenge Review, Review of biostatistics methods for PharmD students (1 hour)
04/2015	“Epidemiologic Study Design Issues with Administrative Data and Electronic Medical Records Data”, Advanced Epidemiology, Department of Epidemiology, University of Kentucky (3 hours)
03/2015	“Validity and Bias”, Advanced Epidemiology, Department of Epidemiology, University of Kentucky (3 hours)
11/2014	“Applied Epidemiology”, Pharmaceutical Policy and Public Health, Department of Pharmacy Practice and Science, University of Kentucky (4 hours)
10/2014	“Validity and Bias”, Advanced Epidemiology, Department of Epidemiology, University of Kentucky (3 hours)

04/2014	“Mental-Neurological Disorders”, Chronic Disease Epidemiology, Department of Epidemiology, University of Kentucky (3 hours)
04/2014	“Study design issues”, Elective in Infectious Diseases, Department of Pharmacy Practice and Science, University of Kentucky (1 hour)
03/2014	“Validity and Bias”, Advanced Epidemiology, Department of Epidemiology, University of Kentucky (3 hours)
10/2013	“Applied Epidemiology”, Pharmaceutical Policy and Public Health, Department of Pharmacy Practice and Science, University of Kentucky (4 hours)
10/2013	“Postmarketing Surveillance and the Role of Pharmacoepidemiology”, Drug Development Regulations and Clinical Research, Department of Pharmacy Practice and Science, University of Kentucky (1 hour)
10/2013	“Assessing Health Outcomes of Drug Therapy”, Drug Development Regulations and Clinical Research, Department of Pharmacy Practice and Science, University of Kentucky (1 hour)
10/2013	“Validity and Bias”, Advanced Epidemiology, Department of Epidemiology, University of Kentucky (3 hours)
03/2013	“Validity and Bias”, Advanced Epidemiology, Department of Epidemiology, University of Kentucky (3 hours)
11/2012	“Medicare Health Care System”, Pharmaceutical Policy and Public Health, Department of Pharmacy Practice and Science, University of Kentucky (1 hour)
11/2012	“Health Care in the Veterans Affairs System”, Pharmaceutical Policy and Public Health, Department of Pharmacy Practice and Science, University of Kentucky (1 hour)
10/2012	“Validity and Bias”, Advanced Epidemiology, Department of Epidemiology, University of Kentucky (3 hours)
10/2012	“Randomized Clinical Trials”, Introduction to Epidemiology, Department of Epidemiology, University of Kentucky (3 hours)

**University of Iowa, Iowa City, IA**

**Graduate Teaching Assistant:**

2012	Patient-Oriented Research Data Analysis
2009 – 2012	Epidemiology II: Advanced Methods
2011	Comparative Effectiveness Research Methods
2010	Pharmacoepidemiology
2008	Epidemiology I: Principles

**University of Medicine and Pharmacy, Cluj-Napoca, Romania**

**Instructor/Course Coordinator:**

2003 –2007	Introduction to Epidemiology
2003 –2007	Principles of Vaccination and the Romanian Vaccination Schedule

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**HONORS**


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2020	Larry H. Spears Endowed Chair in Pharmacogenetics, College of Pharmacy, University of Kentucky, Lexington, KY
2019-2020	SEC Faculty Travel Program
2015-2020	Wethington Award for contributions to the University of Kentucky's Research Program, College of Pharmacy, University of Kentucky, Lexington, Kentucky
2018	Collegiate Pillars Enhancement Award, College of Pharmacy, University of Kentucky, Lexington, Kentucky
2015-2016	Scholar, Building Interdisciplinary Careers in Women's Health (BIRCWH) Program, College of Medicine, University of Kentucky
2012-2014	Associate, Building Interdisciplinary Careers in Women's Health (BIRCWH) Program, College of Medicine, University of Kentucky
2012	Milford E. Barnes Award for Academic Excellence in Epidemiology
2012	Delta Omega Honor Society in Public Health
2008	Peter Isaacson Scholarship in Cancer Epidemiology
2007	Merck Pre-doctoral Fellowship in Pharmacoepidemiology

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**MENTORSHIP**


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**Doctoral Students:**

G Yeon Oh (2020)	Epidemiology and Biostatistics, Primary Mentor, Thesis Committee chair
Ashley Martinez (2020)	Pharmacy Outcomes and Policy, Primary Mentor, Thesis Committee chair
Ran Duan (2019)	Epidemiology and Biostatistics, Thesis Committee member
Xuan Zhang (2018)	Epidemiology and Biostatistics, Thesis Committee member
Nathan Pauly (2018)	Pharmacy Outcomes and Policy, Thesis Committee member
Joshua Brown (2016)	Pharmacy Outcomes and Policy, Thesis Committee member
Leonard Gordon, PhD (2015)	Epidemiology and Biostatistics, Thesis Committee member
Minji Sohn, PhD (2014)	Pharmacy Outcomes and Policy, Thesis Committee member
Chelsea Dowell, PhD candidate	Economics, Thesis Committee member
Pratik Doshi, PhD candidate	Pharmacy Outcomes and Policy, Thesis Committee member
Jessin Joseph	Pharmacy Outcomes and Policy, Thesis Committee member
Kailyn Conner	Pharmacy Outcomes and Policy, Thesis Committee member
Yue Cheng	Pharmacy Outcomes and Policy, Thesis Committee member
John Brown	Pharmacy Outcomes and Policy, Thesis Committee member
Sean Hyungwoo Kim	Pharmacy Outcomes and Policy
Ximena Oyarzun-Gonzalez	Epidemiology and Biostatistics, Thesis Committee member

**PharmD Students:**

Lauren Vickers	PharmD Candidate 2020, Capstone Committee chair
Alexandra Wallem	PharmD Candidate 2020, Capstone Committee chair
Gary Owen	PharmD/MPH 2017, Capstone Committee chair

Sonali Patel	PharmD/MPH 2016, Capstone Committee chair
Ryan Hickson	PharmD/MPH 2015, Capstone Committee co-chair
Eric Lindahl	PharmD Candidate 2020, Capstone Committee member
Ashley Martinez	PharmD/MS 2017, Capstone Committee member
Joye Allen	PharmD/MPH 2016, Capstone Committee member
Laura Cannon	PharmD/MPH 2016, Capstone Committee member
Ekim Ekinici	PharmD 2016, Capstone Committee member
Katherine Herren	PharmD/MS 2016, Capstone Committee member
Dustin Hughes	PharmD/MPH 2015, Capstone Committee member
Danielle Bernard	PharmD 2019
Dorinda Rigsby	PharmD 2018
Sydney Otis	PharmD 2016
Kelsey Villwock	PharmD 2016
Violet Tang	PharmD/MPH 2015
Brad Carper	PharmD 2014

**Faculty mentees:**

Hannah Johnson, PharmD	Clinical Assistant Professor, College of Pharmacy
Karen Lawrence, PhD CSW	Assistant Professor, College of Social Work
Caitlin Pope	Assistant Professor, College of Public Health

**Other:**

Patricia Walker	Know Your Rx Coalition, MS in Pharmacy Outcomes and Policy 2019, Capstone Committee member
Catherine Serratore	MS in Pharmacy Outcomes and Policy 2019, Capstone Committee member
Alexandra Hall	MD, MPH Epidemiology 2019, Capstone Committee member
Emma Bernesser	University of Kentucky, Undergraduate Program, Honors College
Paran Davari	MD 2020, Professional Student Mentored Research Fellow
April Prather	Know Your Rx Coalition, MS in Pharmacy Outcomes and Policy 2017, Capstone Committee member
Zhengyan Huang	Epidemiology and Biostatistics, PhD
Megan Randolph	Undergraduate
Jacqueline Seals	MPH 2015, Capstone Committee member
Rui Zhao	MPH 2014, Capstone Committee member
Ratna Iwak Sepat	University of Kentucky, Undergraduate Program International Hospitality Program

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**REVIEWER**


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**NIH Panels:**

National Institute on Aging Special Emphasis Panel/Scientific Review Group for Clinical Trials for the Spectrum of Alzheimer's Disease and Age-related Cognitive Decline- ZRG1 BBBP-B 55 R, PAR Panel: Alzheimer's Clinical Trials, 03/10/2020

National Institute on Aging Special Emphasis Panel, National Institute on Aging- ZAG1 ZIJ-8 (M1), 03/20/2019

National Institute on Aging Special Emphasis Panel/Scientific Review Group 2019/10 ZRG1 BBBP-B (55) R, 07/30/2019-07/31/2019

**Ad-hoc reviews:**

Breast Cancer Research and Treatment

British Medical Journal

BMC Geriatrics

Clinical Nephrology

Drugs &amp; Aging

Journal of Aging and Health

Journal of Alzheimer's Disease

Journal of General Internal Medicine

Journal of Gerontology &amp; Geriatric Research

Journal of Gerontology: Medical Sciences

Pharmacoepidemiology and Drug Safety

American Public Health Association- Annual Meeting 2015

Alpha Omega Alpha Groves Memorial MD/PhD Student Research Symposium 2014

Gerontological Society of America- American 21st IAGG World Congress of Gerontology and Geriatrics abstract review 2016

International Society for Pharmacoeconomics and Outcomes Research- 16th Annual European Congress Workshop review 2013

International Society for Pharmacoepidemiology- 35<sup>th</sup> Annual Meeting abstract review 2019International Society for Pharmacoepidemiology- 34<sup>th</sup> Annual Meeting abstract review 2018International Society for Pharmacoepidemiology- 33<sup>rd</sup> Annual Meeting abstract review 2017

International Society for Pharmacoepidemiology- Mid-Year Meeting 2017

International Society for Pharmacoepidemiology- 32<sup>nd</sup> Annual Meeting abstract review 2016

PlosOne

Resident Scholarship Award College of Pharmacy, University of Kentucky 2013 and 2014

Society for Epidemiologic Research Annual Meeting Abstracts 2008, 2013, 2016

Iowa Department of Public Health Division of Tobacco Use Prevention and Control Community

Partnership Request for Proposals, 5/2010

Doody Enterprises Inc.

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**PROFESSIONAL AFFILIATIONS**


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2019-	Member, American Geriatrics Society
2016-	Member, Alzheimer's Association International Society to Advance Alzheimer's Research and Treatment (ISTAART)
2015-	Member, International Society for Pharmacoepidemiology
2015- 19	Member, Gerontological Society of America
2013- 14	Member, International Society for Pharmacoeconomics and Outcomes Research
2012-	Member, American Association of Colleges of Pharmacy
2008-	Member, Society for Epidemiologic Research
2008- 12	Member, American College of Epidemiology
2007-	Member, Fogarty Alumni Network
2004-	Member, Mediclass Association

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**ADMINISTRATIVE ROLES**


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Assistant Dean for Research College of Pharmacy, University of Kentucky	02/2020-06/2021
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**SERVICE/COMMITTEES**


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**Committees**

College of Pharmacy, University of Kentucky, Appointment, Promotion and Tenure Committee, 07/2019-06/2022- member

College of Pharmacy, University of Kentucky, Chief Practice Officer Search Committee 2019- member

College of Pharmacy, University of Kentucky, Associate Director of the Institute for Pharmaceutical Outcomes and Policy position Search Committee 2018- co-chair

College of Pharmacy, University of Kentucky, Graduate Program Working Group 2018- member

College of Public Health, University of Kentucky, Epidemiology Chair Search Committee 2017-2018 - Member

Graduate Program Committee, College of Pharmacy University of Kentucky - Faculty Member to represent Pharmaceutical Outcomes and Policy track 2017-2021

College of Pharmacy Research Advisory Council, University of Kentucky - Member

Epidemiology-Biostatistics PhD Program Review, University of Kentucky - Member, External Review Committee

Health Care Colleges Council, University of Kentucky, Pharmacy Practice and Science Representative 2014-2016

2015 Accreditation Council for Pharmacy Education Self-Study- Students Sub Committee, College of Pharmacy, University of Kentucky - Faculty Member

Student Affairs Committee, College of Pharmacy, University of Kentucky - Faculty Member 2013-2015

Student Affairs Committee, Honors and Awards sub-Committee, College of Pharmacy, University of Kentucky - Faculty Member 2013-2015

Epidemiology/Biostatistics PhD Admission Committee, College of Public Health, University of Kentucky - Faculty Member 2013-2016

Assessment Group, Curriculum Reform Committee, College of Pharmacy, University of Kentucky - Faculty Member

**Service**

Student Chapter of the American Society of Consultant Pharmacists – Faculty Advisor 2018-

Public Health Committee, Kentucky Alliance of Pharmacy Students - Faculty Advisor 2015-

Drug Discovery and Development Symposium- Organizing Committee member 2014, 2015

Pharmacy Residents' Manuscript Award- reviewer 2013 – 2016, 2018

Faculty Development in Inter-Professional Education pilot program 04/11/2014

Alpha Omega Alpha Groves Memorial MD/PhD Student Research Symposium- Poster reviewer 02/21/2014

International Society for Pharmacoepidemiology- Membership Committee, member

International Society for Pharmacoepidemiology- Geriatrics SIG, member

International Society for Pharmacoepidemiology- CER SIG, member

International Society for Pharmacoepidemiology Annual Meeting abstract reviewer 2016-



International Society for Pharmacoeconomics and Outcomes Research- ISPOR 16th Annual European Congress Workshop review July 7, 2013

International Society for Pharmacoeconomics and Outcomes Research- 2013 Annual Meeting Poster Review May 21, 2013

University of Kentucky, College of Pharmacy Rho Chi Research Day- Poster Review April 11, 2013

University of Kentucky, Center for Clinical and Translational Science Annual Research Day- Mentor and Poster Review 2013, 2016

University of Kentucky, International Hospitality Program 2012-2013

Student Coordinator for the Department of Epidemiology Seminar, University of Iowa, 8/2009 - 5/2010

Scientific Program coordinator, Summer Institute for Rural and Environmental Health 2007, Cluj-Napoca, Romania

Member of the organizational team for the MedIT Workshop On Information And Communication Technologies Advances In Medical Education 2004, Cluj-Napoca, Romania

Member of the team that officially translated the HON Code for Medical Websites to Romanian

<http://www.hon.ch/HONcode/Patients/Romanian/> 2004

Data collection and analysis for World Vision Romania's Medical and Social Needs Assessment in Cluj County Rural Area project, Fall 2000

## RESEARCH SUPPORT

### **Ongoing Research Support**

R01AG054130      PI: Moga (contact), Jicha      07/2016-06/2021  
NIH / NIA

Total direct costs: \$ 1,313,578

Intervention for Cognitive Reserve Enhancement in delaying the onset of Alzheimer's Symptomatic Expression: The INCREASE study

The study will examine the impact on cognitive reserve of a pharmacist-physician patient-centered medication therapy management intervention to deprescribe inappropriate medication and to optimize treatment in community-dwelling older adults.

Role: PI (37% effort)

R01AG054130-03 AN: 4115421      PI: Moga (contact), Jicha      06/2018-03/2021

Total direct costs: \$ 81,683

Administrative Supplement- Intervention for Cognitive Reserve Enhancement in delaying the onset of Alzheimer's Symptomatic Expression: The INCREASE study

Role: PI (10% effort)

HHSF223201810183C      Dasgupta, Slavova (multi-PIs)      09/28/18-09/30/21

The US Food and Drug Administration

Methodological Advances in Evaluating Abuse Deterrent Opioid Analgesics

Role: Co-I and Project lead (15% effort)

The overall goal of this project is to develop and disseminate new "open source" epidemiologic tools to facilitate rigorous evaluation of abuse deterrent formulations (ADFs) of opioids and provide FDA with new information on how ADFs are used in the community.

R01AG038651      PI: Kryscio, Abner      09/01/11-01/31/24

Total direct costs: \$ 1,216,004

Role of Impaired Cognitive States & Risk Factors in Conversion to Mixed Dementias

Role: Co-I (10% effort)

International Society for Pharmacoepidemiology 02/2020-01/2021

Guidelines and Best Practices for Evaluating the Causal Effects of Medications on Motor Vehicle Crashes and Driving Outcomes using Observational Data.

Total direct cost: \$13,000

Role: Co-I (awarded to Medications and Driving Working Group)

The Medications and Driving Working Group will formally synthesize the existing observational literature examining medication exposures and motor vehicle crash outcomes to make principled recommendations that ultimately enable the construction of a formal evidence-based methodological framework for estimating the causal effects of medication use on motor vehicle crash.

University of Kentucky Igniting Research Collaboration Pilot Program 07/2019-12/2020

A multidisciplinary approach to sustainable deprescribing in patients experiencing polypharmacy: The DeRx Project

Total direct costs: \$26,971

Role: PI

This pilot study will use surveys and in-depth interviews with patient-PCP-pharmacist triads to evaluate baseline knowledge and attitudes towards deprescribing, to determine facilitators of and barriers to deprescribing, as well as to elucidate communication patterns and further understand barriers to deprescribing.

### **Pending**

1 UG3 NS120279-01

Total direct costs: \$ 3,845,161

Effectiveness of a Comprehensive Analgesia in Lumpectomy and Mastectomy (CALM) Protocol on Pain and Opioid Use.

Role: Co-I (5% effort)

R01DK112136-01A1

Total direct costs: \$ 249,070

Community to Clinic Navigation to Improve Diabetes Outcomes

Role: Co-I (10% effort)

### **Completed Research Support**

International Society for Pharmacoepidemiology 01/2019-04/2020

Developing a Framework for Combining Randomized Controlled Trial and Non-Randomized Data in Evidence Synthesis for Informed Health Care Decision Making

Total direct cost: \$9,000

Role: Co-I

University of Kentucky Igniting Research Collaboration Pilot Program 07/2017 – 12/2017

Evaluating Online Cognitive Behavioral Therapy to Reduce Stress, Insomnia, and Sedative Hypnotic Use in Appalachian Women Aged 45+

Total direct costs: \$34,513

Role: Co-Investigator

This pilot study will assess the feasibility and acceptability of an electronic cognitive-behavioral therapy for insomnia intervention for Appalachian Women aged 45+, as well as its efficacy in reducing stress, sedative hypnotic use, and improving sleep and cognition.

K12 DA 035150 PI: Curry 01/2015 - 07/2016

NIH / NIDA Building Interdisciplinary Research Careers in Women's Health (BIRCWH)

BIRCWH Project: An investigation of the impact of neurocognitive disorders on women

This Mentored Clinical Scientist Development Program Award provides research support and career development in women's health.

Role: Scholar (75% effort), Principal Investigator (BIRCHW project)

Center for Clinical and Translational Science & Sanders-Brown Center on Aging Pilot Program  
07/01/2014-06/30/2016

Evaluation of a Patient-Centered Medication Therapy Management Intervention to Reduce Inappropriate Anticholinergic Prescribing in the Elderly

Role: Principal Investigator (15% Effort)

Total Direct Costs: \$25,000

Patient-Centered Outcomes Research Institute (PCORI)

Extension Connection: Advancing Dementia Care for Rural and Hispanic Population

Role: Consultant in defining conditions and confounders using the Minimum Data Set, study methodology and data analysis, interpretation of data, manuscript writing, and dissemination of findings

Principal Investigator: Carnahan, PharmD MS

Total Direct Costs: \$1,187,058

Kentucky All Payers Claims Database (APCD): A Commonwealth Collaboration

Role: Co-I (10% Effort)

Principal Investigator: Talbert, PhD

University of Kentucky

Suicide and Overdose Prevention in Kentucky: Using Data to Save Lives

Role: Investigator (10% Effort)

Principal Investigator: Blumenschein, PharmD

Total Direct Costs: \$28,782

Building Interdisciplinary Research Careers in Women's Health (BIRCWH) 08/2012-12/2014

Role: Associate

Principal Investigator: Curry, PhD

1 R24 HS019440-01 Chrischilles (PI)

08/01/10-07/31/12

AHRQ

Enhanced Data to Accelerate Complex Patient Comparative Effectiveness Research

This collaboration of the University of Iowa Older Adults Center for Education and Research on Therapeutics (Iowa CERT) and Buccaneer Computing Systems & Services, Inc (Buccaneer) proposes to use the Medicare Chronic Condition Warehouse (CCW) as our major input source to create a longitudinal cohort of 1.8 million Medicare beneficiaries admitted with AMI or stroke/TIA in 2007 and followed through 2008 for recurrent events, complications and death.

5 U18 HS016094 Chrischilles (PI)

10/01/10-03/31/11

AHRQ

University of Iowa Older Adults CERT

The specific aims of The University of Iowa Older Adults CERTs are to (1) improve safety and effectiveness of medication use among older adults (2) Expand existing collaborations to new partnerships with private and public entities (3) Educate providers, patients, and policy makers about therapeutic decision-making in the elderly.

Dissertation support: Bladder Antimuscarinics Use in the Veterans Affairs Community Living Centers: Description of Medication Use and Evaluation of Risks and Benefits

Merck Chrischilles (PI)

08/25/07-10/31/10

Pre-Doctoral fellowship

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**PUBLICATIONS**


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\*the 1<sup>st</sup> author was a student at the time work was conducted, \*\*corresponding author (different than 1<sup>st</sup> author

**Book chapters:**

C. Delcher, DC. Moga. Pharmacoepidemiology and Pharmacovigilance. In Adejare: Remington- The Science and Practice of Pharmacy, 23ed. In Press 2020

Al. Martinez\*, **DC. Moga\*\***. Cohort studies- A brief overview. In Pharmacoepidemiology/ Pharmacovigilance section of *Encyclopedia of Pharmacy Practice and Clinical Pharmacy*, Editor-in-chief: Babar, Z.U.D., Section Editor: Gnjidic, D. 2019: Elsevier Science

Al. Martinez\*, ES. Brouwer, **DC. Moga\*\***. Comparative Effectiveness Research studies. In Pharmacoepidemiology/Pharmacovigilance section of *Encyclopedia of Pharmacy Practice and Clinical Pharmacy*, Editor-in-chief: Babar, Z.U.D., Section Editor: Gnjidic, D. 2019: Elsevier Science

**DC. Moga**, M. Roberts, GA. Jicha. Dementia. In Geriatrics issue of *Primary Care: Clinics in Office Practice*, edited by Dr. Demetra Antimisiaris. Elsevier Clinics/Continuity. 2017; 44(3): 439–456. <https://doi.org/10.1016/j.pop.2017.04.005>

**Manuscripts**

A. Collins, M. Ma, J. Ng; M. Huffmyer, **DC. Moga\*\***. Polypharmacy: How Medication Complexity Requires More Attention. *The Kentucky Pharmacist*. Vol. 15 No. 3 May/June 2020

Al. Martinez, J. Spencer, M. Moloney, C. Badour, E. Reeve, **DC. Moga\*\***. Attitudes Toward Deprescribing in a Middle-Aged Health Disparities Population. *Research in Social and Administrative Pharmacy*. 2020 Mar 10. pii: S1551-7411(20)30159-5. doi: 10.1016/j.sapharm.2020.02.014. [Epub ahead of print]

Al. Martinez, EL. Abner, GA. Jicha, D. Rigsby, L. Eckmann, M. Huffmyer, **DC. Moga\*\***. One-Year Evaluation of a Targeted Medication Therapy Management Intervention for Older Adults. *Journal of Management Care Pharmacy*. 2020 Apr;26(4):520-528. doi: 10.18553/jmcp.2020.26.4.520

**DC. Moga**, BF. Beech, EL. Abner, FA. Schmitt, RH. El Khouli, Al. Martinez, L. Eckmann, M. Huffmyer, R. George, GA. Jicha. INtervention for Cognitive Reserve Enhancement in delaying the onset of Alzheimer's Symptomatic Expression (INCREASE): Rationale and Study Design. *Trials*. 2019 Dec 30;20(1):806. doi: 10.1186/s13063-019-3993-0.

M. Moloney, GY Oh, **DC. Moga**, Use of Prescription Medications for Insomnia among Adults Ages 45+ in the National Alzheimer's Coordinating Center Uniform Data Set. *J Appl Gerontol*. 2019 Nov 20:733464819888447. doi: 10.1177/0733464819888447.

M. Moloney, Al. Martinez, C. Badour, **DC. Moga**. Internet-Based Cognitive Behavioral Therapy for Insomnia in Appalachian Women: A Pilot Study. *Behavioral Sleep Medicine*. 2019 Aug 30:1-10. doi: 10.1080/15402002.2019.1661249.

A. Martinez\*, T. Freeman, **DC. Moga\*\***. Statin Use and Gastrointestinal Hemorrhage: A Large Retrospective Cohort Study. *Am J Cardiovasc Drugs*. 2019 Feb;19(1):65-74. doi: 10.1007/s40256-018-0301-4.

GY. Oh\*, EL. Abner, DW. Fardo, **DC. Moga\*\***. Patterns and predictors of chronic opioid use in older adults: a retrospective cohort study. *PLoS One*. 2019 Jan 11;14(1):e0210341. doi: 10.1371/journal.pone.0210341. eCollection 2019.

- Al. Martinez, **DC. Moga**. "Too many medications can adversely affect memory and thinking." Morning Pointe Milestones. 2019; 6(2).
- D. Gnjjidic, GO. Agogo, CM. Ramsey, **DC. Moga**, H. Allore. The impact of dementia diagnosis on patterns of potentially inappropriate medication use among older adults. *J Gerontol A Biol Sci Med Sci*. 2018 Sep 11;73(10):1410-1417. doi: 10.1093/gerona/gly078.
- GO. Agogo, CM. Ramsey, D. Gnjjidic, **DC. Moga**, H. Allore. Longitudinal associations between different dementia diagnoses and medication use jointly accounting for dropout. *Int Psychogeriatr*. 2018 Oct;30(10):1477-1487. doi: 10.1017/S1041610218000017. Epub 2018 Apr 18.
- CM. Ramsey, D. Gnjjidic, GO. Agogo, H. Allore, **DC. Moga**. Longitudinal patterns of potentially inappropriate medication use following incident dementia diagnosis. *Alzheimer's & dementia* (New York, N. Y.). 2018; 4:1-10.
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M. Sohn\*, J. Talbert, K. Blumenschein, **DC. Moga\*\***. The Risk of Developing Type II Diabetes in Atypical Antipsychotic Users among Children and Adolescents. *Pharmacoepidem. Drug Safe*. 2015; 24(6):583-91

ES. Brouwer, A. Policastri, **DC. Moga**. You would like to use administrative data for your pharmacy residency research project: 10 considerations before you begin. *Am J Health Syst Pharm*. 2015; 1;72(3):184-7

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LM. Suciu, M. Cucerea, **DC. Moga**, L. Pușcașiu, B. Szabó. Do Differences in Perinatal Interventions Explain Variation in Mortality and Morbidity Rates of Extremely Low Birth Weight Neonates? *Acta Medica Marisiensis*. 2010:56(2)

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**DC.Moga**, EA. Chrischilles, RB. Wallace, J. Pendergast, J. Mills, E. Schaefer, K. Kahn, R. Fletcher. Age Differences in Pre-Treatment Acute Morbidity In Patients Selected For Chemotherapy For Advanced Lung Cancer In The Cancors Cohort. *Annals of Epidemiology*.2008; 18(9); 718-719.

### **Manuscripts under review:**

AM. Wallem, AI Martinez, M. Singleton, L. Vickers, **DC. Moga\*\***. New Medications in Patients with Dementia in Ambulatory Care in the US. *Journal of the American Pharmacists Association*

Al. Martinez, EL. Abner, PR. Freeman, M. Ryan, **DC. Moga\*\***. Drug-drug interactions modify dementia risk associated with potentially inappropriate medication use: a retrospective cohort study. *Drugs and Aging*

G. Sarri, E. Patorno, H. Yuan, JJ. Guo, D. Bennett, X. Wen, AR. Zullo, J. Largent, M. Panaccio, M. Gokhale, **DC. Moga**, MS. Ali, TPA Debray. A Framework For The Synthesis of Non-Randomized Studies and Randomized Controlled Trials: A Guidance On Conducting A Systematic Review and Meta-analysis For Healthcare Decision-Making. *BMJ Evidence-Based Medicine*

### **Published Abstracts:**

Swiney M, **Moga DC**, Hatton-Kolpek J, Schadler A, Kebodeaux C. HELP: Health Literacy and Polypharmacy, Exploring the Relationship Between Medication Burden and Health Literacy. *J Am Pharm Assoc.* 2019;59(4): Article 187(e112).

Al. Martinez, GA. Jicha, **DC. Moga**. (2018, July) "Prevalence of Potentially Inappropriate Medication Use and Interactions in a Privately-Insured Elderly Population." Poster presented at the Alzheimer's Association International Conference; Chicago, Illinois.

P. Davari, **DC. Moga**, C. Kebodeaux, Al. Martinez, B. Beech, GA. Jicha. (In Press) "Pathologic Associations of Potentially Inappropriate Medication Use in Patients with Alzheimer's Disease." [Abstract] *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*.

B. Beech, **DC. Moga**, C. Kebodeaux, Al. Martinez, P. Davari, and GA. Jicha. (In Press) "Potential Impact of Inappropriate Medication Use on Performance in Tests of Attention and Executive Function." [Abstract] *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*.

R. Zullo, **DC. Moga**, D. Gnjjidic, J. Wei, K. Lapane. Methodological Challenges and Opportunities of Conducting Pharmacoepidemiologic Research in Medically Complex Populations: The Case of Nursing Homes. (2017) Abstract. *Pharmacoepidemiol Drug Saf*, 26: 3–636. doi: 10.1002/pds.4275.

GY. Oh\*, EL. Abner, **DC. Moga**. Utilization Patterns and Predictors of Opioid Use in Persons with Dementia. (2017) Abstract. *Pharmacoepidemiol Drug Saf*, 26: 3–636. doi: 10.1002/pds.4275.

**DC. Moga**, Q. Wu, P. Doshi. Patterns in Bladder Antimuscarinics Use in Medicare Nursing Homes. (2017) Abstract. *Pharmacoepidemiol Drug Saf*, 26: 3–636. doi: 10.1002/pds.4275.

P. Doshi\*, L. Chen, Q. Wu, C. Brancato, **DC. Moga**. An association between the use of a selective or non-selective bladder antimuscarinic and the risk of fractures in a Medicare Nursing Home population: A comparative effectiveness study. (2017) Abstract. *Pharmacoepidemiol Drug Saf*, 26: 3–636. doi: 10.1002/pds.4275.

P. Doshi\*, L. Chen, Q. Wu, C. Brancato, **DC. Moga**. Comparative effectiveness study of selective and non-selective bladder antimuscarinics on antipsychotic initiation in Medicare Nursing Homes. (2017) Abstract. *Pharmacoepidemiol Drug Saf*, 26: 3–636. doi: 10.1002/pds.4275.

**DC. Moga**; From observation to making a change: Addressing inappropriate medication use in older adults. *Innov Aging* 2017; 1 (suppl\_1): 739. doi: 10.1093/geroni/igx004.2665

**DC. Moga**, D. Rigsby, E. Abner, G. Jicha; Can we improve medication use in older adults? An interdisciplinary medication therapy intervention. *Innov Aging* 2017; 1 (suppl\_1): 321-322. doi: 10.1093/geroni/igx004.1187

- G. Agogo, D. Gnjjidic, **DC. Moga**, H. Allore; Associations between dementia status and polypharmacy jointly accounting for dropout and death. *Innov Aging* 2017; 1 (suppl\_1): 19. doi: 10.1093/geroni/igx004.071
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- DC. Moga**, EL. Abner, G. Jicha. Bladder Antimuscarinics and Cognitive Decline in Elderly Patients Enrolled in the National Alzheimer's Coordinating Center Cohort. *Pharmacoepidem. Drug Safe*. 2014; 23(S1): 1–497 DOI: 10.1002/pds
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- RP. Hickson\*, ES. Brouwer, C. Brancato, **DC. Moga**. Factors Predicting Beta-Blocker Treatment after Myocardial Infarction in Patients with Type 2 Diabetes. *Value in Health*. 2014
- M. Sohn\*, JC. Talbert, K. Blumenschein, DC. Moga (2014). The Risk of Developing Type II Diabetes in Children and Adolescents Using Atypical Antipsychotics (3rd ed., vol. 17, pp. A240). *Value in Health*. 3rd ed., vol. 17, pp. A104
- M. Sohn\*, J. Talbert, **DC. Moga**, K. Blumenschein (2014). Cost-Effectiveness of Atypical Antipsychotics in Attention-Deficit/Hyperactivity Disorder after Stimulant Failure: A Decision Analysis. *Value in Health*. 2014; 3rd ed., vol. 17, pp. A216-7
- ES. Brouwer, **DC. Moga**, JJ. Eron, S. Napravnik. Are patients classified as antiretroviral therapy naïve using administrative data truly naïve based on comprehensive medical record reviews? An exploration using an HIV Clinical Cohort. (2013). *Pharmacoepidem. Drug Safe.*, 22: 1–521. doi: 10.1002/pds.3512
- DC. Moga**, R. Carnahan, BC. Lund, J. Pendergast, RB. Wallace, J. Torner, Y. Li, E. Chrischilles. Bladder Antimuscarinics Use in Veterans Affairs Community Living Centers. (2013). *Pharmacoepidem. Drug Safe*. 22: 1–521. doi: 10.1002/pds.3512



**DC. Moga**, ES. Brouwer, E. Ekinici, X. Zhang. Evaluation of Pharmacological Management for Type 2 Diabetes Post-Myocardial Infarction. *Value Health*. 2013 May;16(3):A277. Epub 2013 May 3.

M. Sohn\*, **DC. Moga**, J. Talbert. Mental Comorbidity and In-Hospital Mortality among Patients with Acute Myocardial Infarction. *Value Health*. 2013 May;16(3):A58. Epub 2013 May 3.

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### PRESENTATIONS

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Hood, C. O.\*, Badour, C. L., **Moga, D.C.**, Martinez, A., & Moloney, M. (2020, November) Improvement in PTSD symptoms following web-based cognitive-behavioral therapy for insomnia (CBT-I): An open trial among Appalachian women. Flash talk accepted for presentation at the International Society for Traumatic Stress Studies 36th Annual Meeting, virtual.

Al. Martinez\*, L. Eckmann, M. Huffmyer, BF. Beech, R. George, M. Hall, EL. Abner, GA. Jicha, FA. Schmitt, R. El- Khouli, **DC. Moga**. (July, 2020). Medication-Related Problems in Older Adults with and without Preclinical Alzheimer's Disease: A Baseline Description from the INCREASE study. Alzheimer's Association International Conference, virtual.

Al. Martinez\*, GA. Jicha, R. El- Khouli, FA. Schmitt, EL. Abner, BF. Beech, R. George, M. Hall, L. Eckmann, M. Huffmyer, **DC. Moga**. (July, 2020). Cognitive Reserve among Potentially Inappropriate Medication Users with and without Pre-Clinical Alzheimer's Disease. Alzheimer's Association International Conference, virtual.

Al. Martinez\*, GA. Jicha, K. Lee, BF. Beech, R. George, M. Hall, EL. Abner, FA. Schmitt, R. El- Khouli, L. Eckmann, M. Huffmyer, **DC. Moga**. (July, 2020). Potentially Inappropriate Medication Use Associated with Lower Mobility Reserve among Individuals with Preclinical Alzheimer's Disease. Alzheimer's Association International Conference, virtual.

D. Ali, **DC. Moga**, R. El-Khouli, Al. Martinez, EL. Abner, GA. Jicha. (July, 2020). Cognitive reserve for memory performance is mediated by preclinical frontotemporal and limbic amyloid deposition in subjects with normal cognition in early MCI. Alzheimer's Association International Conference, virtual.

**DC. Moga**. (April 2, 2020). "Understanding medication use and implementing interventions: The role of Medicare claims data." Rush University Alzheimer's Disease Center Neuroepidemiology Seminar Series. Webinar.

**DC. Moga** (January 28, 2020). "Deprescribing Inappropriate Medications". University of Kentucky Department of Neurology Grand Rounds. Lexington, KY.

**DC. Moga** (September 20, 2019). "The Art of Deprescribing". KY American College of Physicians Fall Meeting. Lexington, KY.

**DC. Moga**, EL. Abner, F. Schmitt, BF. Beech, Al. Martinez, L. Eckmann, M. Huffmyer, GA. Jicha (July 17, 2019). "The INCREASE Study: Protocol and Baseline Evaluation of Participants". Alzheimer's Association International Conference, Los Angeles, CA, United States.

Martinez Al, Jicha GA, Schmitt F, Abner E, **Moga D.C.** (July 13, 2019). "Highly Inappropriate Medication Use Associated with Reduced Cognitive Reserve: An Analysis of Baseline Data in the INCREASE Study". Cognitive Reserve PIA Day, Los Angeles, CA, United States.

Martinez Al, Jicha GA, Schmitt F, Abner E, **Moga D.C.** (July 15, 2019). "Inappropriate Medication Use Associated with Lower Cognitive Reserve in Individuals with Pre-clinical Alzheimer's Disease". Alzheimer's Association International Conference, Los Angeles, CA, United States.

**Moga D.C.**, Abner E, Schmitt F, Beech BF, Martinez AI, Eckmann L, Huffmyer M, Jicha GA. (July 17, 2019). "Intervention for Cognitive Reserve Enhancement in Delaying the Onset of Alzheimer's Symptomatic Expression (INCREASE) Study - Protocol and Baseline Evaluation of Participants". Alzheimer's Association International Conference, Los Angeles, CA, United States.

**Moga, D. C.**, (May 7, 2019). "Medications for Alzheimer's & Other Dementias: Benefits and Side Effects". Alzheimer's Association Webinar Series

Swiney M, **Moga DC**, Hatton-Kolpek J, Schadler A, Kebodeaux C. HELP: Health Literacy and Polypharmacy, Exploring the Relationship Between Medication Burden and Health Literacy. March 2019. APhA Annual Meeting, Seattle, WA

**Moga, D. C.**, (March 13, 2019). "Medications and (Brain) Health-Introducing the INCREASE Study," AARP Volunteer Meeting, Lexington, KY, United States.

**Moga, D. C.**, (March 1, 2019). "All data are not created equal - study design issues in secondary data research". Analytics Collaboration Meeting; Data, Analytics, and Statistical Core, Center for Health Services Research, University of Kentucky, Lexington, KY, United States.

**Moga, D. C.**, (November 12, 2018). "Medications and (Brain) Health-Introducing the INCREASE Study," The Lafayette Senior Living Community, The Lafayette Senior Living Community, Lexington, KY, United States.

Simpkins, C., Wright, D., Rolf, M., Gilley, A., Spencer, J., McHolan, B., Sullivan, B., Dicks, M., **Moga, D. C.**, (November 2018). "Integrating Medication Counseling and Education into YMCA Health and Safety Fair for Senior Adults," American Society of Consultant Pharmacists Annual Meeting, American Society of Consultant Pharmacists, Baltimore, MD, United States.

**Moga, D. C.**, (October 31, 2018). "Medications and (Brain) Health-Introducing the INCREASE Study," Wesley Village Senior Living Community, Wesley Village Senior Living Community, Willmore, KY, United States.

**Moga, D. C.**, (October 13, 2018). "Introducing the INCREASE Study," Sanders-Brown Center on Aging Minority Recruitment Event, Sanders-Brown Center on Aging, Lexington, KY, United States.

Martinez AI, Jicha GA, **Moga DC**. (2018, October) "Use and combination of potentially inappropriate medications is associated with incident dementia." Poster presentation at the Markesbery Symposium on Aging and Dementia; Lexington, Kentucky.

Moloney ME, **Moga DC**, Badour CL, and Martinez AI. (2018, October) "Evaluating SHUTi (Sleep Healthy Using the Internet) to Reduce Insomnia, Sleep Aid Use, Stress, and Depression in Appalachian Women." Poster presented at the 2018 Research Conference on Sleep and the Health of Women; Bethesda, Maryland.

Martinez AI, Jicha GA, **Moga DC**. (2018, October) "Potentially Inappropriate Medication Use and Incident Dementia in Privately-Insured Older Adults." Podium presentation at the Kentucky Neuroscience Clinical-Research Translational Symposium; Lexington, Kentucky.

Moloney ME, **Moga DC**, Martinez AI, Noble W. (2018, September) "Evaluating SHUTi (Sleep Healthy Using the Internet) to Reduce Insomnia, Sleep Aid Use, Stress, and Depression in Appalachian Women Ages 45+." Poster presented at the Appalachian Translational Research Network Summit; Lexington, Kentucky.

- Al. Martinez and **DC. Moga**. (2018, August) "Prevalence and Predictors of Dementia in Older Adults with Employer-Sponsored Health Insurance." Poster presented at the International Conference on Pharmacoepidemiology and Therapeutic Risk Management; Prague, Czech Republic.
- Al. Martinez, GA. Jicha, **DC. Moga**. (2018, August) "Potentially Inappropriate Medication Use and Incident Dementia in Privately-Insured Older Adults." Poster presented at the International Conference on Pharmacoepidemiology and Therapeutic Risk Management; Prague, Czech Republic.
- Moga, D. C.**, "Medications and (Brain) Health," August Aging Consortium, Bluegrass Aging Consortium, Lexington, KY, United States. (August 7, 2018).
- Al. Martinez, GA. Jicha, **DC. Moga**. (2018, July) "Prevalence of Potentially Inappropriate Medication Use and Interactions in a Privately-Insured Elderly Population." Poster presented at the Alzheimer's Association International Conference; Chicago, Illinois.
- P. Davari, **DC. Moga**, C. Kebodeaux, Al. Martinez, B. Beech, GA. Jicha. (2018, July) "Pathologic Associations of Potentially Inappropriate Medication Use in Patients with Alzheimer's Disease." [Poster presented at the Alzheimer's Association International Conference; Chicago, Illinois.
- B. Beech, **DC. Moga**, C. Kebodeaux, Al. Martinez, P. Davari, and GA. Jicha. (2018, July) "Potential Impact of Inappropriate Medication Use on Performance in Tests of Attention and Executive Function." Poster presented at the Alzheimer's Association International Conference; Chicago, Illinois.
- Al. Martinez, PR. Freeman, **DC. Moga**. (2018, April) "Gastrointestinal Bleeding Events and Statin Use: A Propensity Score-Matched Retrospective Cohort Study." Oral Podium Presentation presented at: The International Society for Pharmacoepidemiology Mid-Year Meeting; Toronto, Ontario, Canada.
- Moga, D. C.**, (March 23, 2018). "Medication Therapy Management Interventions and Brain Health," PPS Seminar Series, UK-COP, Lexington, KY, United States.
- Davari, P., **Moga, D. C.**, Jicha, G. A., Abner, E., Martinez, A., Beech, B., (March 2, 2018). "Pathologic associations of potentially inappropriate medication use in patients with Alzheimer's Disease," Alpha Omega Alpha National Medical Honor Society Research Day 2018, Alpha Omega Alpha National Medical Honor Society, Lexington, KY, United States.
- DC. Moga**. "Extending Your Research Tool Kit. Using Administrative Data Sets in Research," American College of Clinical Pharmacy Research and Scholarship Certificate Program, American College of Clinical Pharmacy, Jacksonville, FL, United States. (February 2018). Invited
- DC. Moga**. "Regulatory/Ethical Issues in Using Administrative Data Sets in Research," American College of Clinical Pharmacy Research and Scholarship Certificate Program, American College of Clinical Pharmacy, Jacksonville, FL, United States. (February 2018). Invited
- DC. Moga**. Medications and their role in brain health- can we optimize treatment in older adults? 2017 Markesbery Symposium. Lexington, KY, November 2017. Invited.
- R. Zullo, **DC. Moga**, D. Gnjidic, J. Wei, K. Lapane. Methodological Challenges and Opportunities of Conducting Pharmacoepidemiologic Research in Medically Complex Populations: The Case of Nursing Homes. Symposium (role: presenter and moderator). International Conference on Pharmacoepidemiology & Therapeutic Risk Management Annual Meeting, August 2017, Montreal, Canada.
- GY. Oh\*, EL. Abner, **DC. Moga**. Utilization Patterns and Predictors of Opioid Use in Persons with Dementia. International Conference on Pharmacoepidemiology & Therapeutic Risk Management Annual Meeting, August 2017, Montreal, Canada.

**DC. Moga**, Q. Wu, P. Doshi. Patterns in Bladder Antimuscarinics Use in Medicare Nursing Homes. International Conference on Pharmacoepidemiology & Therapeutic Risk Management Annual Meeting, Montreal, Canada, August 2017.

P. Doshi\*, L. Chen, Q. Wu, C. Brancato, **DC. Moga**. An association between the use of a selective or non-selective bladder antimuscarinic and the risk of fractures in a Medicare Nursing Home population: A comparative effectiveness study. International Conference on Pharmacoepidemiology & Therapeutic Risk Management Annual Meeting, Montreal, Canada, August 2017. Comparative Effectiveness Research Spotlight session.

P. Doshi\*, L. Chen, Q. Wu, C. Brancato, **DC. Moga**. Comparative effectiveness study of selective and non-selective bladder antimuscarinics on antipsychotic initiation in Medicare Nursing Homes. International Conference on Pharmacoepidemiology & Therapeutic Risk Management Annual Meeting, Montreal, Canada, August 2017.

**DC. Moga**, D. Rigsby, EL. Abner, GA. Jicha. From observation to making a change: Addressing Inappropriate Medication Use in Older Adults. Submitted as part of the Symposium "Appropriate Prescribing as a Part of Multi-Morbidity Care of Complex Older Adults". 2017 IAGG World Congress of Gerontology and Geriatrics, San Francisco, CA July 2017.

**DC. Moga**, D. Rigsby, EL. Abner, GA. Jicha. Can We Improve Medication Use in Older Adults? An Interdisciplinary Medication Therapy Intervention. 2017 IAGG World Congress of Gerontology and Geriatrics, San Francisco, CA July 2017.

G. Agogo, H. Allore, D. Gnjjidic, **DC. Moga**. Associations between dementia status and polypharmacy jointly accounting for dropout and death. 2017 IAGG World Congress of Gerontology and Geriatrics, San Francisco, CA July 2017.

E. Abner, R. Kryscio, F. Schmitt, D. Fardo, **DC. Moga**, E. Ighodaro, GA. Jicha, L. Yu, H. Dodge, C. Xiong, R. Woltjer, J. Schneider, N. Cairns, D. Bennett, P. Nelson. Outcomes after diagnosis of mild cognitive impairment in a large autopsy series. 93rd Annual Meeting of the American Association of Neuropathologists, Garden Grove, CA June 2017.

**DC. Moga**. "Extending Your Research Tool Kit. Using Administrative Data Sets in Research," American College of Clinical Pharmacy Research and Scholarship Certificate Program, American College of Clinical Pharmacy, Jacksonville, FL, United States. (February 2017). Invited

**DC. Moga**. "Regulatory/Ethical Issues in Using Administrative Data Sets in Research," American College of Clinical Pharmacy Research and Scholarship Certificate Program, American College of Clinical Pharmacy, Jacksonville, FL, United States. (February 2017). Invited

**DC. Moga**. "The INCREASE Study: Improving Medication Use in Older Adults," Fall ADC Meeting, NIH, Baltimore, MD, United States. (October 2016). Invited

**DC. Moga**, D. Gnjjidic, K. Johnell, S. Hartikainen, Understanding the impact of sex differences on prescribing for older people: the role of pharmacoepidemiology. International Conference on Pharmacoepidemiology & Therapeutic Risk Management Annual Meeting. August 2016, Dublin, Ireland

**DC. Moga**, H. Taipale, A. Tolppanen, A. Tanskanen, J. Tiihonen, S. Hartikainen, Q. Wu, GA. Jicha, D. Gnjjidic. Psychotropic medication use and Alzheimer's disease: a story of sex differences in two countries. International Conference on Pharmacoepidemiology & Therapeutic Risk Management Annual Meeting. August 2016, Dublin, Ireland

**DC. Moga**, Q. Wu, P. Doshi, AJ. Goodin. Sex Differences in Factors Predicting the Type of Bladder Antimuscarinics Initiated in Medicare Nursing Homes Residents. International Conference on Pharmacoepidemiology & Therapeutic Risk Management Annual Meeting. August 2016, Dublin, Ireland

G. Oh\*, PA. Doshi, **DC. Moga**. Opioid utilization in patients with diabetes. Poster Presentation at the International Conference on Pharmacoepidemiology & Therapeutic Risk Management Annual Meeting. August 2016, Dublin, Ireland

**DC. Moga**, Q. Wu, D. Gnjjidic, GA. Jicha. Sex differences in medication use following a dementia diagnosis in older adults. 2016 Annual BIRCWH Directors and Scholars Meeting, June 2016, Bethesda, MD, United States

J. Brown\*, V. Adams, **DC. Moga**. Clinical insights- Transient impact of treatment exposures and one-year incidence of thrombosis in multiple myeloma: a case-time-control analysis. Podium Presentation, International Society on Thrombosis and Haemostasis Meeting, May 2016, Montpellier, France. Young Investigator and Top Abstract Awards

Sohn, M.\*, **Moga, D. C.**, Blumenschein, K. M., Talbert, J. C. National trends in off-label use of atypical antipsychotics in children and adolescents in the US. Poster Presentation, International Society For Pharmacoeconomics and Outcomes Research Annual Meeting, May 2016, Washington DC, United States

J. Brown\*, V. Adams, **DC. Moga**. Methodological insights- Transient impact of treatment exposures and one-year incidence of thrombosis in multiple myeloma: a case-time-control analysis. Podium Presentation, International Conference on Pharmacoepidemiology & Therapeutic Risk Management Mid-Year Meeting, April 2016, Baltimore, MD, United States

G. Oh\*, P. Doshi, **DC. Moga**. Are patients with diabetes utilizing more opioids? Poster Presentation, 2016 CCTS Spring Conference, April 2016, Lexington, KY, United States

**DC. Moga**. "Extending Your Research Tool Kit. Using Administrative Data Sets in Research," American College of Clinical Pharmacy Research and Scholarship Certificate Program, American College of Clinical Pharmacy, Phoenix, AZ, United States. (April 2016). Invited

**DC. Moga**. "Regulatory/Ethical Issues in Using Administrative Data Sets in Research," American College of Clinical Pharmacy Research and Scholarship Certificate Program, American College of Clinical Pharmacy, Phoenix, AZ, United States. (April 2016). Invited

A. Martinez\*, **DC. Moga**, P. Freeman. Association of Gastrointestinal Effects and Statin Use: A Large Propensity Score-Matched Retrospective Cohort Study. Poster Presentation, American Pharmacists Association Annual Meeting, March 2016, Baltimore, MD, United States

**DC. Moga**, "Extending Your Research Tool Kit. Using Administrative Data Sets in Research", Invited Speaker, American College of Clinical Pharmacy Research and Scholarship Certificate Program, Phoenix, AZ, United States. (April 2016)

**DC. Moga**, "Regulatory/Ethical Issues in Using Administrative Data Sets in Research", Invited Speaker, American College of Clinical Pharmacy Research and Scholarship Certificate Program, Phoenix, AZ, United States. (April 2016)

**DC. Moga**, Q. Wu, D. Gnjjidic, G. Jicha. Sex-differences pertaining to Diagnosis and Treatment of Dementia: a USA Perspective. Podium presentation at the Gerontological Society of America Annual Meeting, November 22, 2015, Orlando, FL

**DC. Moga.** Applied Epidemiology: Interpreting Evidence to Improve (Public) Health. Invited speaker, Practice in Pharmacy Annual Fall Conference: The Role of Pharmacists in Public Health, October 3, 2015, Lexington, KY

**DC. Moga,** D. Gnjdic, G. Jicha. Sex-specific Associations for Predicting Psychotropic Drug Use in Older Adults with Cognitive Impairment. Podium presentation at the International Conference on Pharmacoepidemiology & Therapeutic Risk Management Annual Meeting, August 26, 2015, Boston, MA

C. Bucsa, **DC. Moga,** A. Farcas, C. Mogosan, DL. Dumitrascu. An Investigation of the Concomitant Use of Angiotensin-Converting Enzyme Inhibitors, Non-Steroidal Anti-Inflammatory Drugs and Diuretics in Romania. Poster presentation at the International Conference on Pharmacoepidemiology & Therapeutic Risk Management Annual Meeting, August 2015, Boston, MA

C. Bucsa, **DC. Moga,** A. Farcas, C. Mogosan, M. Bojita & D.L. Dumitrascu. Retrospective analysis of serum creatinine and potassium monitoring in patients prescribed with angiotensin-converting enzyme inhibitors, non-steroidal anti-inflammatory drugs and diuretics. 49th Annual Scientific Meeting of the European Society for Clinical Investigation, May 27-30, 2015, Cluj-Napoca, Romania

**DC. Moga,** E. Abner, L. Eckmann, M. Huffmyer, R. Murphy, B. Coy, H. Divine, G. Jicha. Lowering Anticholinergic Burden in Older Adults through Medication Therapy Management - A Pilot Intervention Study. Pharmacy Practice and Science Seminar Series, College of Pharmacy, University of Kentucky, May 1, 2015, Lexington, KY

**DC. Moga,** E. Abner, G. Jicha. Bladder Antimuscarinics and Cognitive Decline in Elderly Patients Enrolled in the National Alzheimer's Coordinating Center Cohort. Podium Presentation to the International Conference on Pharmacoepidemiology & Therapeutic Risk Management Annual Meeting, October 2014, Taipei

ES. Brouwer, S. Wixson, **DC. Moga.** Predictors of receiving guideline recommended antiretroviral treatment: infectious disease specialists are critical to providing optimum HIV treatment. Podium Presentation at the International Conference on Pharmacoepidemiology & Therapeutic Risk Management Annual Meeting, October 2014, Taipei

ES. Brouwer, **DC. Moga.** Differences in myocardial infarction risk among persons living and those not living with HIV: an evaluation of a commercially insured population seeking care in the United States. Presented at the International AIDS Conference, July 2014, Melbourne, Australia

ES. Brouwer, S. Wixson, **DC. Moga.** Predictors of receiving guideline recommended antiretroviral treatment: infectious disease specialists are critical to providing optimum HIV treatment. Presented at the International AIDS Conference, July 2014, Melbourne, Australia

**DC. Moga,** E. Abner, G. Jicha. Bladder Antimuscarinics and Cognitive Decline in Elderly Patients Enrolled in the National Alzheimer's Coordinating Center Cohort. Presented at the Society for Epidemiologic Research Annual Meeting June 2014, Seattle, WA

**DC. Moga,** E. Abner, G. Jicha. Bladder Antimuscarinics Use by Older Women Enrolled in the National Alzheimer's Coordinating Center Cohort. Presented at the Society for Epidemiologic Research Annual Meeting June 2014, Seattle, WA

M. Sohn\*, J. Talbert, K. Blumenschein, **DC. Moga.** The Risk of Developing Type II Diabetes in Children and Adolescents Using Atypical Antipsychotics. Presented to the Society for Epidemiologic Research Annual Meeting June 2014, Seattle, WA (podium presentation)

RP. Hickson\*, ES. Brouwer, C. Brancato, **DC. Moga.** Factors Predicting Beta-Blocker Treatment after Myocardial Infarction in Patients with Type 2 Diabetes. Presented at the International Society for Pharmacoepidemiology Annual Meeting June 2014, Montreal, Canada

- M. Sohn\*, J. Talbert, K. Blumenschein, **DC. Moga**. The Risk of Developing Type II Diabetes in Children and Adolescents Using Atypical Antipsychotics. Presented at the International Society for Pharmacoepidemiology Annual Meeting June 2014, Montreal, Canada
- M. Sohn\*, J. Talbert, **DC. Moga**, K. Blumenschein. Cost-Effectiveness of Atypical Antipsychotics in Attention-Deficit/Hyperactivity Disorder after Stimulant Failure: A Decision Analysis. Presented at to the International Society for Pharmacoepidemiology Annual Meeting June 2014, Montreal, Canada
- DC. Moga**, E. Abner, G. Jicha. Urinary Incontinence Treatment in Older Women Enrolled in the National Alzheimer's Coordinating Center Cohort. Presented at the 'Path to Prevention of Lower Urinary Tract Symptoms in Women: Bladder Health' Workshop, National Institutes of Health, Bethesda, May 2014
- ES. Brouwer, S. Wixson, **DC. Moga**. Predictors of receiving guideline recommended antiretroviral treatment: impact of physician specialty, sex and education. 33<sup>rd</sup> Annual Symposium on Women's Health and Reproductive Science, Lexington, March 2014
- DC. Moga**, E. Abner, G. Jicha. Bladder Antimuscarinics and Urinary Incontinence in Older Women Enrolled in the National Alzheimer's Coordinating Center Cohort. 33<sup>rd</sup> Annual Symposium on Women's Health and Reproductive Science, Lexington, March 2014
- RP. Hickson\*, ES. Brouwer, C. Brancato, **DC. Moga**. Retrospective cohort study of privately insured type 2 diabetes patients to evaluate beta-blocker exposure after myocardial infarction. ASHP Mid-Year Meeting, Orlando, December 2013
- ES. Brouwer, **DC. Moga**, JJ. Eron, S. Napravnik. Are patients classified as antiretroviral therapy naïve using administrative data truly naïve based on comprehensive medical record reviews? An exploration using an HIV Clinical Cohort. The International Society for Pharmacoepidemiology Annual Meeting, Montreal, August 2013.
- DC. Moga**, R. Carnahan, BC. Lund, J. Pendergast, RB. Wallace, J. Torner, Y. Li, E. Chrischilles. Bladder Antimuscarinics Use in Veterans Affairs Community Living Centers. The International Society for Pharmacoepidemiology Annual Meeting, Montreal, August 2013.
- DC. Moga**, ES. Brouwer, E. Ekinci, X. Zhang. Evaluation of Pharmacological Management for Type 2 Diabetes Post-Myocardial Infarction. ISPOR Annual Meeting, New Orleans, May 2013
- M. Sohn\*, **DC. Moga**, J. Talbert. Mental Comorbidity and In-Hospital Mortality among Patients with Acute Myocardial Infarction. ISPOR Annual Meeting, New Orleans, May 2013
- KM. Swade, **DC. Moga**, SB. Singh, TD. Starner. Insights into the Pathogenesis of Early Cystic Fibrosis Lung Disease from Longitudinal Culture, Bronchoscopy, and Chest CT Clinical Data. Presented at the 26th Annual North American Cystic Fibrosis Conference, Orange County Convention Center Orlando, Florida October 11–13, 2012
- DC.Moga**, E. Chrischilles, R. Wallace, J. Pendergast, J. Mills, E. Schaefer, K. Kahn, R. Fletcher. Age differences in pre-treatment acute morbidity in patients selected for chemotherapy for advanced lung cancer in the CanCORS cohort, American College of Epidemiology Annual Meeting, Tucson, September 2008
- C. Itu, **DC. Moga**. Assessment of cardiovascular risk using Framingham score in adults living with HIV infection. Management of Patients with HIV/AIDS infection in therapeutic failure, the 4th National HIV/AIDS Congress, Bucharest, Romania, Oct. 2006
- LM. Deac, **DC. Moga**. Risk factors for nosocomial infections in pediatric units. Macro and Trace Elements Workshop „Friedrich Schiller” University of Jena, Jena, Sept. 2004