

# Maria Ukhanova, MD, PhD

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Maria.Ukhanova.1@uth.tmc.edu

## Education

Institution	Degree	Graduation Date	Field of Study
University of Texas Health Science Center at Houston (UTHealth) Houston, TX, USA	PhD	12/2017	Public Health/Health Services Research
University of Arizona Tucson, AZ, USA	MPA	05/2012	Health and Human Services
Science-Research Institute of Ear, Nose, Throat, and Speech, St. Petersburg, Russia	*	08/2009	Otolaryngology
Pavlov First Saint Petersburg State Medical University St. Petersburg, Russia	MD	05/2007	Medicine

\*: 2-year Residency training program

## Professional Experience

### *Academic Experience*

- 05/2024 – Present Assistant Professor NTT  
Center for Health Care Data, Department of Management, Policy & Community Health,  
UTHealth School of Public Health, Houston, TX
- 02/2023 -05/2024 Research Specialist  
Center for Health Care Data, Department of Management, Policy & Community Health,  
UTHealth School of Public Health, Houston, TX
- 10/2019 – 01/2023 External Collaborator (remote)  
Department of Family Medicine, Oregon Health & Science University, Portland, OR
- 20/2017 – 09/2019 Postdoctoral Research Fellow  
Department of Family Medicine, Department of Family Medicine,  
Oregon Health & Science University, Portland, OR
- 05/2014 – 10/2017 Graduate Research Assistant  
Department of Management, Policy & Community Health,  
UTHealth School of Public Health, Houston, TX
- 09/2012 – 08/2013 Graduate Teaching Assistant  
Department of Management, Policy & Community Health,  
UTHealth School of Public Health, Houston, TX
- 05/2011 – 08/2011 Research Intern  
Center for Interdisciplinary Research on AIDS, Yale University, New Haven, CT
- 10/2009 – 08/2010 Research Fellow  
Science-Research Institute of Ear, Nose, Throat, and Speech, St-Petersburg, Russia

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### *Teaching Experience*

08/2023 – Present    Instructor  
PH3715 Management & Policy Concepts in Public Health  
Fall 2023: Online, Spring 2024: In-person, Summer 2024: Online  
Department of Management, Policy & Community Health, UTHealth School of Public Health,  
Houston, TX

### *Clinical Work Experience*

10/2009 – 08/2010    Otolaryngologist MD  
Science-Research Institute of Ear, Nose, Throat, and Speech, St-Petersburg, Russia

10/2009 – 07/2010    Otolaryngologist MD  
Municipal Out-patient Clinic #52, St-Petersburg, Russia

09/2007 – 08/2009    Resident  
Science-Research Institute of Ear, Nose, Throat, and Speech, St-Petersburg, Russia

10/2004 – 05/2007    Nurse  
Department of Otolaryngology,  
Pavlov First Saint Petersburg State Medical University, St-Petersburg, Russia

### **Research Interests**

Health services and outcomes research, quality of care, patient safety, multiple chronic conditions, deprescribing, stroke post-discharge care and outcomes, claims and electronic health record data, social determinants of health, team science, clinician-researcher collaborations.

### **Awards/ Honors**

2016-2017    Lu Ann Aday Scholarship in Management, Policy, and Community Health, UTHealth

2013-2014    Lu Ann Aday Scholarship in Management, Policy, and Community Health, UTHealth

2010-2012    Edmund S. Muskie Graduate Fellowship, U.S. Department of State's Fellowship Program

2001-2007    Pavlov First Saint Petersburg State Medical University Continuous Financial Award

### **Grant Funding**

#### ***Texas Health & Human Services Commission***

Role: Faculty

02/06/2023 – Present

Cross-agency Coordination on Healthcare Strategies and Measures

The 5 Agencies Project provides the five state agencies in Texas and UTHealth Data Center with a framework for undertaking examination of the impact of their state-provided health benefit programs on the health of Texans.

PI: Trudy Krause; #16521, 09/01/2019 - 08/31/2025

#### ***National Institute on Aging***

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Role: Co-Investigator 09/17/2018 – 09/30/2019  
Changes in Multimorbidity and Disability among Race/Ethnic Older Adults (Administrative Supplement).  
The proposed work will clarify gender differences in prescribing patterns and medication-related adverse events across different combinations of chronic conditions.

PI: Quiñones Ana; R01AG055681-02S2, 09/17/2018 – 05/31/2022

### ***National Institute on Drug Abuse***

Role: Postdoctoral Research Fellow/ External collaborator 08/01/2018 – 09/30/2019  
Epidemiology of Opioid Prescribing in Community Health Centers (EPICENTER).

This project aims at understanding patient level factors associated with problematic use of opioid pain prescriptions in the OCHIN collaborative of community health centers.

PI: Muench, John; NIDA R01A046468, 08/01/2018 – 04/30/2023

### ***Agency for Healthcare Research and Quality***

Role: Postdoctoral Research Fellow 10/17/2017 – 06/30/2019  
eCHANGE: Evaluating Community Health Centers' Adoption of a New Global Capitation Payment.

This project supports the analysis of Oregon's alternative payment methodology experiment and its impact on clinical capacity and outcomes in primary care clinics.

PI: Heintzman John; R01HS022651, 07/01/2015 – 06/30/2019

### ***National Cancer Institute***

Role: Postdoctoral Research Fellow 10/17/2017 – 06/30/2019  
Community-based HIT Tools for Cancer Screening and Health Insurance Promotion (CATCHUP).

The project is a cluster randomized trial in 12 Community Health Centers to test the effectiveness of implementing Community-based HIT Tools for Cancer Screening and Health Insurance Promotion ("CATCHUP" tools) in improving rates of (1) cancer screening and prevention services; and (2) health insurance coverage.

PI: DeVoe Jennifer; R01CA181452, 07/01/2014 – 06/30/2019

## **Publications**

<https://scholar.google.com/citations?user=4W4qcFcAAAAJ&hl=en>

**Ukhanova M**, Voss R, Marino M, Huguete N, Bailey S, Hartung D, O'Malley J, Chamine I, Muench J. Chronic overlapping pain conditions and long-term opioid treatment. *The American Journal of Managed Care*. May;29(5):233-239. doi: 10.37765/ajmc.2023.89356.

Quiñones, A.R., Valenzuela, S.H., Huguete, N., **Ukhanova M.**, Marino M., Lucas J.A., O'Malley J., Schmidt T.D., Voss R., Peak K., Warren N.T., Heintzman J. Prevalent Multimorbidity Combinations Among Middle-Aged and Older Adults Seen in Community Health Centers. *Journal of General Internal Medicine*. 2022. <https://doi.org/10.1007/s11606-021-07198-2>

**Ukhanova M**, Markwardt S, Furuno JP, Davis L, Noble BN, Quiñones AR. Are there sex differences in potentially inappropriate prescribing in adults with multimorbidity? *Journal of the American Geriatrics Society*. 2021; 1– 13. <https://doi.org/10.1111/jgs.17194>

**Ukhanova M**, Marino M, Angier H, Jacob L, O'Malley J, Cottrell EK, Dambrun K, Heintzman J. The impact of capitated payment on preventive care utilization in community health clinics. *Prev Med*. 2020 Dec 31;:106405. doi: 10.1016/j.ypmed.2020.106405. [Epub ahead of print] PubMed PMID: 33388331.

**Ukhanova M**, Tillotson CJ, Marino M, Huguet N, Quiñones AR, Hatch BA, Schmidt T, DeVoe JE. Uptake of Preventive Services Among Patients With and Without Multimorbidity. *Am J Prev Med*. 2020 Nov;59(5):621-629. doi: 10.1016/j.amepre.2020.04.019. Epub 2020 Sep 22. PMID: 32978012.

Nicholson K, De Burghgraeve T, Fortin M, Griffith LE, Licher S, Lizotte D, Mair FS, Miozzo R, Nouri MS, Ryan BL, Lee ES, Smith S, Stewart M, Terry AL, Tisminetzky M, **Ukhanova M**, Wetmore S, Stranges S. Advancing cross-national planning and partnership: Proceedings from the International Multimorbidity Symposium 2019. *J Comorb*. 2020 Sep 24;10:2235042X20953313. doi: 10.1177/2235042X20953313. PMID: 33033706; PMCID: PMC7525218.

Muench J, Fankhauser K, Voss RW, Huguet N, Hartung DM, O'Malley J, Bailey SR, Cowburn S, Wright D, Barker G, **Ukhanova M**, Chamine I. Assessment of Opioid Prescribing Patterns in a Large Network of US Community Health Centers, 2009 to 2018. *JAMA Netw Open*. 2020 Sep 1;3(9):e2013431. doi: 10.1001/jamanetworkopen.2020.13431. PMID: 32945874; PMCID: PMC7501536.

Heintzman J, Cottrell E, Angier H, O'Malley J, Bailey S, Jacob L, DeVoe J, **Ukhanova M**, Thayer E, Marino M. Impact of Alternative Payment Methodology on Primary Care Visits and Scheduling. *J Am Board Fam Med*. 2019 Jul-Aug;32(4):539-549. doi: 10.3122/jabfm.2019.04.180368. PMID: 31300574.

**Ukhanova M**, Heintzman J, Tseng A, Yamashita D, Likumahuwa-Ackman S, DeVoe J. Partnering Research Fellows and Clinicians in Practice Settings. *Annals of Family Medicine*, 2019;17(1):86. doi:10.1370/afm.2333

Heintzman J, Kaufmann J, Ezekiel-Herrera D, Bailey SR, Cornell A, **Ukhanova M**, Marino M. Asthma/COPD Disparities in Diagnosis and Basic Care Utilization Among Low-Income Primary Care Patients. *Journal of immigrant and minority health*. 2018; Aug 2. doi: 10.1007/s10903-018-0798-2.

Krause TM, **Ukhanova M**, Lee Revere FL, Finkel KW. Risk Predictors for Postcontrast Acute Kidney Injury. *Journal of the American College of Radiology: JACR* 2018, 15 (11), 1547-1552.

Krause TM, **Ukhanova M**, Revere FL. Private Carriers' Physician Payment Rates Compared With Medicare and Medicaid". *Texas Medicine*. 2016;112(6):e1. p.63.

Maltseva G, **Ukhanova M**, Tyrnova E. Clinical significance of determination of rheumatoid factor, C-reactive protein, anti-streptolysin-O in patients with chronic tonsillitis. *Russian Otorhinolaryngology Journal*. 2010; 4 (47):45-51.

## Peer-Reviewed Conference Proceedings/Other Presentations

Chamine I, Lucas J, **Ukhanova M**, et al. Sedative-hypnotic Co-prescribing with opioids in a large network of community health centers. *The Annals of Family Medicine*. 2022;20 (Supplement 1):2660. doi:10.1370/afm.20.s1.2660

**Ukhanova M**, Voss R, Huguet N, DeBar L, Bailey S, Hartung D, Marino M, O'Malley J, Chamina I, Muench J. Chronic overlapping pain conditions and risk of chronic opioid prescribing in safety net clinics. Poster. 48th NAPCRG Annual Meeting; 2020 November 20; San Francisco, CA.

**Ukhanova M**, Cantone RE, Fleishman J, Bailey S, Gordon L, Rdesinski RE, Ramalingam N, Lucas J, Cohen DJ. Facilitating interdisciplinary teamwork among clinicians, researchers, and trainees: Lessons learned. Poster. North American Primary Care Research Group (NAPCRG) 47th Annual Meeting; 2019 November 17; Toronto, Ontario, Canada.

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**Ukhanova M**, Markwardt S, Ana R. Quiñones. Gender Differences in Potentially Inappropriate Prescribing in Older Adults with Multiple Chronic Conditions. Poster. AcademyHealth, Annual Scientific Meeting, Washington, DC, 2019.

**Ukhanova M**, Markwardt S, Ana R. Quiñones. Gender Differences in Polypharmacy Rates in Adults with Multiple Chronic Conditions. Poster. American Geriatrics Society 2019. Annual Scientific Meeting, Portland, OR, 2019.

**Ukhanova M**, Tillotson C, Marino M, Huguet N, Quinones A, Hatch B, Schmidt T, DeVoe J. Preventive Services Delivery Among Patients with Multiple Chronic Conditions. Poster. 46th Annual Meeting of the North American Primary Care Research Group, Chicago, IL, 2018.

**Ukhanova M**, Marino M, Angier H, Jacob L, O'Malley J, Thayer E, Heintzman J. The Impact of Capitated Payment on Preventive Care Utilization in Community Health Centers. Poster. 46th Annual Meeting of the North American Primary Care Research Group, Chicago, IL, 2018.

**Ukhanova M**, Appari A, Morgan R, Swartz M, Du X. Polypharmacy Risk Among Working-Age Adults with Different Combinations of Multiple Chronic Condition Patterns. Poster. AcademyHealth, Annual Research Meeting, Seattle, WA, 2018.

**Ukhanova M**, Appari A, Morgan R, Swartz M, Du X. Effects of Care Coordination on Polypharmacy Risk Among Working-Age Adults with Multiple Chronic Conditions. Poster. AcademyHealth, Annual Research Meeting, Seattle, WA, 2018.

**Ukhanova M**, Appari A, Morgan R. Healthcare Spending and Care Coordination among Commercially Insured Working-age Adults with Multiple Chronic Conditions, 2008-2013. Oral presentation. Proceedings of the APHA Annual Meeting, Denver, CO, 2016.

**Ukhanova M**, Appari A, Morgan R. Healthcare Spending and Care Coordination among Commercially Insured Working-age Adults with Multiple Chronic Conditions, 2008–2013. Poster. UTHealth School of Public Health Student Research Day, Houston, TX, 2016.

**Ukhanova M**, Appari A, Morgan R. Prevalence and Cost Variation of Multiple Chronic Conditions in Working-Age Adults in Harris County, Texas. Poster. UTHealth School of Public Health Student Research Day, Houston, TX, 2015.

## **Doctoral Dissertation**

Ukhanova, Maria, "Care Coordination and Polypharmacy among Working-Age Adults with Multiple Chronic Conditions" (2017). Texas Medical Center Dissertations (via ProQuest). AAI10690445.

## **Other Publications/Reports**

Thomas E, **Ukhanova M**. (2016). *The University of Texas System Healthcare Safety and Effectiveness Grants Program Evaluation*. UTHealth Center for Healthcare Quality and Safety, Houston, TX.

## **Submitted to Peer-Reviewed Journals/ In Preparation for Resubmission**

**Ukhanova M**, Markwardt S, Furuno JP, Davis L, Noble BN, Quiñones AR. Sex differences in the association between potentially inappropriate medications and health services usage among older adults

**Ukhanova M**, Highfield LD, Krause TM, Ferguson GM, Morgan RO. Polypharmacy and readmission risk among Medicare beneficiaries: the role of post-discharge

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### **Professional Memberships**

2024	NIH-funded AGING Initiative MCCs Scholar
2019-present	Member, American Geriatrics Society
2018-present	Member, North American Primary Care Research Group
2017-present	Member, AcademyHealth
2014-present	Member, American Public Health Association, Medical Care Section
2007-2010	Member, the Russian Society of Otolaryngology

### **Journal/Review Services**

2022-present	American Journal of Managed Care
2022-present	International Journal of Environmental Research and Public Health
2022-present	American Journal of Accountable Care
2022-present	Journal of Personalized Medicine
2021-present	Journal Referee, Family Medicine and Community Health
2021-present	Journal Referee, BMC Geriatrics
2021-present	Risk Management and Healthcare Policy
2020-present	Journal Referee, Journal of Aging and Health
2018-present	Journal Referee, Annals of Family Medicine
2018-present	Journal Referee, Pediatrics
2018-2020	Abstracts Referee, North American Primary Care Research Group, AcademyHealth

### **Technical Skills**

SAS, STATA, Atlas.ti, large administrative claims data based research: electronic health records data analysis, survey data analysis.