

Meghan Hufstader Gabriel

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EXPERIENCE

- **Assistant Professor - Department of Health Management and Informatics**
August 2015 to Present - University of Central Florida, Orlando, FL.
- **Economist - Office of the National Coordinator for Health Information Technology (ONC)**
April 2011 to July 2015 - US Department of Health and Human Services (HHS), Washington, DC.
- **Associate Consultant - Health Economics and Outcomes Research Division**
July 2009 to March 2011 - Covance, Gaithersburg, MD.
- **Graduate Research and Teaching Assistant**
June 2004 to June 2009 - University of Tennessee Health Science Center, Memphis, TN.
- **Program Specialist II**
May 2002 to May 2004 - Virginia Department of Health, Alexandria, VA.

EDUCATION

- **PhD** *Health Outcomes and Policy Research* University of Tennessee 2009
- **BA** *History* University of Florida 2002

JOURNAL PUBLICATIONS

1. **Gabriel MH, Smith JY, Sow M, Charles D, Joseph S, Wilkins TL. *Electronic Prescribing of Controlled Substances: A tool to help promote better patient care.*** American Journal of Pharmacy Benefits. May 2016. (accepted - forthcoming)
2. **Gabriel MH, Smith JY, Sow M, Charles D, Joseph S, Wilkins TL. *Dispatch from the non-HITECH incited Health IT world: electronic medication history adoption and utilization.*** JAMIA. November 2015.
3. Powers C, **Gabriel MH**, Encinosa W, Mostashari F, Bynum J. ***Meaningful Use Stage-2 E-Prescribing Threshold and Adverse Drug Events in the Medicare Part D Population with Diabetes.*** JAMIA. May 2015.
4. **Gabriel MH, Vaidya V, Yang Y, Wilkins, TL. *Adoption of Electronic Prescribing for Controlled Substances among Providers and Pharmacies.*** AJMC . November 2014.
5. **Gabriel MH, Jones E, Samy L, King J. *Progress and Challenges: Implementation and Use of Health Information Technology among Critical Access Hospitals.*** Health Affairs. July 2014.
6. Vaidya V, **Hufstader M**, Gangan N, Borse M. ***Characteristics of Prescription and Non-Prescription Sleep Medication users in the United States.*** Population Health Management. July 2014.
7. Abramson E, Kern L, Brenner S, **Gabriel MH**, Patel V, Kaushal R. ***Expert Panel Evaluation of Health Information Technology Effects on Adverse Events.*** Journal of Evaluation in Clinical Practice. May 2014.

8. Vaidya V, **Gabriel MH**, Gangan N, Shah S, Bechtol R. ***Utilization of smoking-cessation pharmacotherapy among chronic obstructive pulmonary disease (COPD) and lung cancer patients.*** Current Medical Research and Opinion. February 2014.
9. **Gabriel MH**, Furukawa M, Vaidya V. ***Emerging and Encouraging Trends in E-Prescribing Adoption among Providers and Pharmacies.*** American Journal of Managed Care. AJMC. September 2013.
10. Gourley D, Vaidya V, **Hufstader M**, Ray M, Chisholm-Burns M. ***An International Capstone Experience for Pharmacy Students.*** Am J Pharm Educ. April 2013.
11. Perrot S, Schaefer C, Knight T, **Hufstader M**, Chandran A, Zlateva G. ***Societal and Individual Burden of Illness among Fibromyalgia Patients: Correlations with Disease Severity and OMERACT Core Domains for Fibromyalgia: A Cross-Sectional Study in France.*** BMC Medicine. February 2012.
12. Schaefer C, Chandran A, **Hufstader M**, Baik R, McNett M, Goldenberg D, Gerwin R, Zlateva G. ***The Comparative Burden of Mild, Moderate, and Severe Fibromyalgia: Results from a Cross-Sectional Study in the United States.*** Health and Quality of Life Outcomes. August 2011.
13. McNett M, Goldenberg D, Schaefer C, **Hufstader M**, Baik R, Chandran A, Zlateva G. ***Treatment Patterns among Physician Specialties in Management of Fibromyalgia: Results of a Cross-Sectional Study in the United States.*** Current Medical Research and Opinion. March 2011.
14. White-Means SI, Dong Z, **Hufstader M**, Brown LT. ***Cultural Competency, Race and Skintone Bias Among Pharmacy, Nursing, and Medical Students: Implications for Addressing Health Disparities.*** Medical Care Research and Review. August 2009.
15. Wang J, Miller N, **Hufstader M**, Bian Y. ***The Health status of Asian Americans and Pacific Islanders and their access to health services.*** Journal of Health and Social Policy. January 2008.
16. Wang J, White-Means SI, **Hufstader M**, Walker GD. ***The economic implications of the racial and ethnic disparities in the use of selective serotonin reuptake inhibitors.*** Current Medical Research & Opinion. April 2007.

FEDERAL GOVERNMENT DATA BRIEFS

1. **Gabriel MH**, Charles D, Henry J, Wilkins TL. ***State and National Trends of Two-Factor Authentication for Non-Federal Acute Care Hospitals.*** Office of the National Coordinator for Health Information Technology Data Brief, November 2015.
2. Charles D, **Gabriel MH**, Searcy T. ***Adoption of Electronic Health Record Systems among U.S. Non-Federal Acute Care Hospitals: 2008-2014.*** Office of the National Coordinator for Health Information Technology Data Brief, April 2015.
3. Charles D, **Gabriel MH**, Furukawa MF. ***Adoption of Electronic Health Record Systems among U.S. Non-federal Acute Care Hospitals: 2008-2013.*** Office of the National Coordinator for Health Information Technology Data Brief, May 2014.
4. **Gabriel MH**, Furukawa MF, Jones EB, King J, Samy LK. ***Progress and Challenges with the Implementation and***

Use of Electronic Health Records among Critical Access Hospitals. Office of the National Coordinator for Health Information Technology Data Brief, September 2013.

5. **Hufstader M**, Swain M, Furukawa MF. ***State Variation in E-Prescribing Trends in the United States.*** Office of the National Coordinator for Health Information Technology Data Brief, November 2012.
6. Heisey-Grove D, **Hufstader M**, Hollin I, Samy L, Shanks K. ***Progress towards the meaningful use of electronic health records among critical access and small rural hospitals working with Regional Extension Centers.*** Office of the National Coordinator for Health Information Technology Data Brief, November 2012.
7. Charles D, Furukawa M, **Hufstader M.** ***Electronic Health Record Systems and Intent to Attest to Meaningful Use among Non-federal Acute Care Hospitals in the United States: 2008-2011.*** Office of the National Coordinator for Health Information Technology Data Brief, February 2012.

CONFERENCE PRESENTATIONS AND ABSTRACTS

1. Patel V, Lee W, Pylypchuk Y, **Gabriel MH.** ***Health Information Technology Infrastructure and Interoperability Among Hospitals Serving Medicare Pioneer Accountable Care Organization Beneficiaries.*** AcademyHealth Annual Research Meeting. June 2016. Boston, MA. (poster)
2. **Gabriel MH**, Patel V, Lee W. ***Characterizing Hospital Pioneer Accountable Care Organizations.*** 11th AUPHA Academic Forum. February 2016. Las Vegas, NV. (podium).
3. Smith JY, **Gabriel MH**, Sow M, Charles D, Joseph S, Wilkins TL. ***Characteristics and Predicting Factors of Advanced E-Prescribing Functions: Medication History Requests.*** AcademyHealth Annual Research Meeting. June 2015. Minneapolis, MN. (poster)
4. **Gabriel MH**, Jones EB, Samy LK, King J. ***Progress and Challenges with the Implementation and Use of Electronic Health Records to Achieve Meaningful Use among Critical Access Hospitals.*** AcademyHealth Annual Research Meeting. June 2014. San Diego, CA. (poster)
5. Powers C, **Gabriel MH**, Encinosa W, Bynum J. ***The Association of the Meaningful Use Stage 2 E- Prescribing Threshold and Adverse Events in the Medicare Part D Population.*** Workshop on Health IT and Economics. November 2013. Washington, DC. (podium)
6. **Gabriel MH**, Jones EB, Samy LK. ***Progress and Challenges with the Implementation and Use of Electronic Health Records to Achieve Meaningful Use among Critical Access Hospitals.*** Workshop on Health IT and Economics. November 2013. Washington, DC. (podium)
7. Powers C, **Hufstader M**, Encinosa W, Bynum J. ***E-Prescribing in Medicare Part D: Implications for Cost Savings and Adverse Drug Events.*** AcademyHealth Annual Research Meeting. June 2013. Baltimore, MD. (poster)
8. **Hufstader M**, Swain M, Furukawa M. ***State Variation in E-Prescribing Trends in the United States.*** AcademyHealth Annual Research Meeting. June 2013. Baltimore, MD. (poster)
9. **Hufstader M**, Furukawa M, King J, Charles D. ***Predicting Factors of Meaningful Use Readiness and CMS Incentive Payment Receipt among U.S. Hospitals.*** AcademyHealth Annual Research Meeting, June 2012. Orlando, FL. (podium)
10. Vaidya V, **Hufstader M**, Borse M. ***Determinants of Sleep Medication Use among Women in the United***

States . AcademyHealth Annual Research Meeting, June 2012. Orlando, FL. (poster)

11. **Hufstader M**, Furukawa M, Hogin E. ***E-Prescribing Trends in the United States 2008-2012***. International Society of Pharmacoeconomics and Outcomes Research Annual Meeting, June 2012. Washington, DC. (poster)
12. **Hufstader M** (*discussant*) for Appari A, Johnson E, Anthony D. Medication Administration Quality and Health Information Technology: A National Study of US Hospitals. Workshop on Health IT and Economics. October 2011. Washington, DC.
13. Vaidya V, Borse M, **Hufstader M**. ***Determinants of sleep medication use among the US population***. International Society of Pharmacoeconomics and Outcomes Research Annual Meeting, June 2012. Washington, DC. (poster)
14. **Hufstader M**, Vaidya V, White-Means S, Sudharshan L, Sharma G, Dishmon B. ***What Influences Dental Care Among Children?*** International Society of Pharmacoeconomics and Outcomes Research Annual Meeting, May 2011. Baltimore, MD. (poster)
15. **Hufstader M**, White-Means S, Gourley D, Mele N, Yang Y, Hong SH. ***How does Osteoarthritis Severity Influence Patient Preferences and Willingness to Pay for Osteoarthritis Treatment?*** International Society of Pharmacoeconomics and Outcomes Research Annual Meeting, May 2011. Baltimore, MD. (poster)
16. Tapia C, Chow W, Anastassopoulos KP, Benson C, **Hufstader M**, Ackerman S, Kim M. ***Patients Perception on Internet-Based Research: Results from a Registry of Patients Taking Prescription Medication Containing Oxycodone Immediate Release for Non-Malignant Pain***. PainWeek, September 2010. Las Vegas, NV. (poster)
17. Schaefer C, Baik R, **Hufstader M**, McNett M, Gerwin R, Zlateva G, Chandran A. ***Differences among Physician Specialties in the Management of Fibromyalgia Patients: Results from a Cross-Sectional Survey in the United States***. PainWeek, September 2010. Las Vegas, NV. (poster)
18. Schaefer C, Baik R, **Hufstader M**, McNett M, Gerwin R, Zlateva G, Chandran A. ***Fibromyalgia Burden on Patients and Society: Results from a Cross-Sectional Survey in the United States***. PainWeek, September 2010. Las Vegas, NV. (poster)
19. **Hufstader M**, White-Means SI, Gourley D, Mele N, Yang Y, Hong SH. ***Preferences and Willingness to Pay among the Medicare Population***. International Society of Pharmacoeconomics and Outcomes Research Annual Meeting, May 2010. Atlanta, GA. (poster)
20. Chandran AB, Goldenberg D, McNett M, Gerwin R, Schaefer C, Baik R, **Hufstader M**, Zlateva G. ***Differences among Physician Specialties in Office Visits and the Associated Costs for Treating Fibromyalgia: results from a Cross-Sectional Survey in the United States***. American Pain Society Annual Scientific Meeting, May 2010. Baltimore, MD. (poster)
21. Chandran AB, Goldenberg D, McNett M, Gerwin R, Schaefer C, Baik R, **Hufstader M**, Zlateva G. ***Differences in Pharmacological Management of Fibromyalgia Patients among Physician Specialty: Results from a Cross-Sectional Survey in the United States***. American Pain Society Annual Scientific Meeting, May 2010. Baltimore, MD. (poster)
22. **Hufstader M**, Sias S, Vaidya V, White-Means S. ***Metabolic Syndrome Risk Factors for Native Born and First***

Generation Adolescents (12-17) in the US. International Society of Pharmacoeconomics and Outcomes Research Annual Meeting, May 2009. Orlando, FL. (podium)

23. Sias S, Hufstader M, White-Means S. **Factors Associated with Risk of Metabolic Syndrome for US First Generation Adolescents (ages 12-17).** International Society of Pharmacoeconomics and Outcomes Research Annual Meeting, May 2008. Toronto, Canada. (poster)
24. Hufstader M, Vaidya V, Gourley D, Arreola R. **Impact of International Rotations on the University of Tennessee College of Pharmacy.** FIP Research Meeting. September 2007. Beijing, China. (poster)
25. Hufstader M, Waters T. **Predictors of Chiropractic Utilization Among Medicare Beneficiaries (65+).** AcademyHealth Annual Research Meeting. June 2007. Orlando, FL. (poster)
26. White-Means S, Hufstader M, Brown LT, Dong Z. **Cultural Competency and Bias in Medical Practice. American Economic Association Annual Meeting,** January 2007. Chicago, IL. (podium)
27. Wang J, Mullins CD, Zuckerman IH, White-Means SI, Hufstader M, Walker GD. **Comparison of Changes in Health Care Expenditure and Self-Perceived Health Status from 1996 to 2001 across Racial and Ethnic Groups in the United States.** Academy Health Annual Research Meeting, June 2006. Seattle, WA. (poster)
28. Wang J, Mullins CD, Zuckerman IH, White-Means SI, Arreola R, Hufstader M, Hutchison L, Walker GD. **Differential Racial and Ethnic Disparities in Health Expenditure and Self-Perceived Health Status in the United States.** May 2006, International Society of Pharmacoeconomics and Outcomes Research Annual Meeting, Philadelphia, PA. (poster)

TEACHING EXPERIENCE

- Fall 2015: Health Sciences Research Methods HSA4702. Average SPI: 4.48/5
- Spring 2016: Healthcare Economics HSA3430. Average SPI: 4.55/5

GRANTS

1. **Southeast Transdisciplinary and Evidence-Based Prevention (STEP) Collaborative Center for Health Disparities Research on Chronic Disease Prevention.**
Role: Co-PI
Award Amount: \$10,596,467
Contract Agency: National Institute on Minority Health and Health Disparities
Status: Not Awarded
2. **Effect of Electronic Prescribing of Controlled Substances in the Elderly Population**
Role: PI
Award Amount: \$251,900
Contract Agency: Agency for Healthcare Research and Quality
Status: Submitted, under review
3. **Faculty Sponsored Research Support Initiative: In-Home Technology Adoption and Use to Support the Remote Family Care of Alzheimer's and Dementia Patients**
Role: PI
Award Amount: \$2,500
Contract Agency: Internal UCF, COHPA Office of Research
Status: Awarded

4. ***Learning Institute for Elders Gerontology Grant Program: In-Home Technology Adoption and Use to Support the Remote Family Care of Alzheimer's and Dementia Patients***

Role: PI

Award Amount: \$6,700

Contract Agency: Learning Institute for Elders Gerontology Grant Program

Status: Not Awarded

SERVICE TO PROFESSION

- Invited Reviewer:
 1. The Journal of Pharmaceutical Health Services Research
 2. The American Journal of Managed Care
 3. Applied Clinical Informatics

SERVICE TO THE UNIVERSITY

- College of Health and Public Affairs Instructor and Lecturer Promotion Committee Member, Fall 2015
- Department of Health Management and Informatics, Faculty Search Committee Member, Fall 2015 - Spring 2016