

Michael L. Johnson, PhD

Michael Lee Johnson, Ph.D.

Associate Professor

Department of Pharmaceutical Health Outcomes and Policy

Health & Biomedical Sciences Building 2

University of Houston College of Pharmacy

4849 Calhoun Road, Room 4056

Houston, TX 77204-5047

Office: 832-842-8353

Fax: 832-842-8383

mikejohnson@uh.edu

A. EDUCATION

- Ph.D. Biostatistics, 1999. University of Texas Health Science Center at Houston, School of Public Health. Dissertation: "A Comparison of Markov and Generalized Linear Models of Hospital Mortality." Advisor: Wenyaw Chan, PhD (Ohio St. 1984). Secondary Advisor: Asha S. Kapadia, PhD (Harvard 1969).
- M.S. Biostatistics, 1992. University of Texas Health Science Center at Houston, School of Public Health. Thesis: "Computer Simulation of a Stochastic Model of Smoking Status and Lung Cancer Incidence." Advisor Wenyaw Chan, PhD
- B.A. Psychology, 1984. University of Texas at Austin.

B. ACADEMIC AND PROFESSIONAL APPOINTMENTS

- Vice Chair of the Department of Pharmaceutical Health Outcomes and Policy, University of Houston, College of Pharmacy; 2018 – present
- Houston Methodist Hospital Pharmacy Research Committee – oversees 2-year 18 slot Pharmacy Residency research program; 2016 – 2019.
- Director of Graduate Studies, University of Houston, College of Pharmacy, Department of Pharmaceutical Health Outcomes and Policy; 2010-2014.
- Associate Professor of Pharmaceutical Health Outcomes and Policy, University of Houston, College of Pharmacy; 2006 – present.
- Adjunct Assistant Professor of Medicine, Baylor College of Medicine, Section of Health Services Research; 2006 – 2013.
- Assistant Professor of Medicine, Baylor College of Medicine, Section of Health Services Research; 1999-2006.
- Senior Scientist, Houston Center for Quality of Care and Utilization Studies, Department of Veterans Affairs Health Services Research and Development Center of Excellence; 1999 – 2013.

Michael L. Johnson, PhD

- Associate Director, Houston Center for Quality of Care and Utilization Studies, Department of Veterans Affairs Health Services Research and Development Center of Excellence; 1999 – 2002.
- Computer Specialist, Houston Center for Quality of Care and Utilization Studies, Department of Veterans Affairs Health Services Research and Development Center of Excellence; 1992 – 1999.

C. HONORS OR AWARDS

- Best Podium Research Presentation, 16th Annual ISPOR, Meeting, Baltimore, MD, May 2011: Johnson ML, Mehta S, Chitnis AS, Bhowmik D, Dwibedi N, Kamble P. Performance of different comorbidity measures in predicting healthcare expenditure in patients with dementia.
- Tenure, University of Houston, 2009
- International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Distinguished Service Award, 2009
- TEAM Award for ALLHAT Implementation Project, Michael E. DeBakey Veterans Affairs Medical Center, 2004
- Exceptional Reviewer for 2003, Medical Care, 42(1), January 2004. Top 25 of over 3000.
- VA Special Contribution Award, December 2003, for work on HVAMC Revised Medical Care Group for Target Allowance FY 2004.
- VA Performance Improvement Activity Award, Medication Use Subcommittee for Costs, Houston VAMC. Saved \$5 million in first year. January 3, 2003.
- VA Special Contribution Award, in recognition of three years of service as Associate Director, Houston Center for Quality of Care and Utilization Studies, December 2002.
- VA Special Contribution Award, in recognition of approval of Lease for 25,000 sq.ft. of office space for Houston Center for Quality of Care and Utilization Studies, September 13, 2001.
- VA Special Contribution Award, in recognition of work on Research Service Line Strategic Plan, May 29, 2001.
- Top 5% of Scientific Reviewers, Medical Care, 1997-2001

Michael L. Johnson, PhD

- Poster Award: Johnson ML, Chan W, Kapadia AS, Slater C, Kuykendall DH, Ashton CM. “The Association of Illness Trajectory with Hospital Mortality.” 1st Annual Kelsey-Seybold Health Outcomes Conference, Houston, Texas, November 2000.
- VA Special Contribution Award, in recognition of work on Houston Center for Quality of Care and Utilization Studies Strategic Plan, November 23, 2000.
- Pioneer Award, Houston Center for Quality of Care and Utilization Studies, October 2000.
- VA Special Contribution Award, for a unique contribution to the mission of the Department, 1994.
- VA Special Contribution Award, for a unique contribution to the mission of the Department, 1993
- Statistics Section Award for best contributed paper by a student to the 1993 American Public Health Association Conference in San Francisco, California, for master's thesis.

OTHER SPECIALIZED TRAINING FOLLOWING ACADEMIC APPOINTMENT

- Cougar Chair’s Leadership Academy, University of Houston, Houston, TX, September 2019-May 2020.
- An Introduction to Causal Inference. Short Course, Harvard University, Boston, MA, June 4-8, 2018.
- SAS SQL 1: Essentials. Workshop, University of Houston, October 26-27, 2017.
- Introduction to Big Data Analytics. University of Texas at Austin, Departments of Biostatistics and Computer Sciences. Austin, Texas. May 23-26, 2016.
- Big Data Analytics: Structured, Semi-Structured and Unstructured. University of Texas at Austin, Departments of Biostatistics and Computer Sciences. Austin, Texas. May 23-26, 2016.
- Pharmacogenetics for Pharmacoepidemiologists. Full day course, 31st Annual International Conference on Pharmacoepidemiology and Therapeutic Risk Management, August 22, 2015, Boston, MA.
- Advanced Topics in Pharmacoepidemiology. Half day course, 31st Annual International Conference on Pharmacoepidemiology and Therapeutic Risk Management, August 23, 2015, Boston, MA.

- CMS 101: Introduction to the Use of Medicare Data for Research, Research Data Assistance Center (ResDAC), University of Minnesota, Minneapolis, Minnesota, May 14-16, 2003.
- Management Research in VA, Management Decision and Research Center, Veterans Health Administration, Boston, Massachusetts, November 19-20, 2001.
- SAS Macro programming, SAS Institute, Houston, Texas, 1998.

RESEARCH AND ACADEMIC INTERESTS

- Health services research
- Quality of care, quality assessment
- Chronic conditions, comorbidity
- Heart disease, diabetes, dyslipidemia, dementia, cancer
- Clinical outcomes, risk adjustment
- Health care databases
- Observational studies, epidemiology
- Statistical methods, regression, survival, longitudinal data
- Pharmacoepidemiology
- Causal inference
- Marginal structural models

I am a biostatistician health services researcher with extensive experience in academic research, teaching and administrative service. I worked for many years in the United States' largest publicly funded federal health care system (Department of Veterans Affairs) and in two tier one academic research institutions: a private medical school (Baylor College of Medicine) and a public university (University of Houston). I have 30 years of experience in a broad range of prospective and retrospective studies using national administrative and clinical health care databases. I have a keen interest in the comparative safety and effectiveness of pharmaceutical treatments in everyday use for patients with multiple chronic conditions, and in the statistical methods to improve causal inference in non-randomized studies of treatment effects.

D. TEACHING

I. UNIVERSITY OF HOUSTON

i. Courses

Courses Coordinated

* denotes new course developed for UH

PHCA 6180, 6181, Graduate Seminar

- *PHCA 6308, Biostatistics and Experimental Design
- *PHCA 6398, SAS Programming for Healthcare Data
- *PHCA 7301, Advanced Regression Methods
- *PHCA 8305, Risk Adjustment for Healthcare Outcomes
- *PHCA 8303, Multivariate Analysis in Pharmaceutical Health Outcomes and Policy
- *PHCA 6297 Special Topics Practical Training in Hospital Clinical Research
- *PHCA7340 Data Analytics for PHOP

Lectures and participation in other courses

- PHCA 6180, 6181 Faculty in Graduate Seminar
- PHAR 5362 Pharmacy Administration and Management III
- PHCA 6312 Pharmacoeconomics in Outcomes Research
- PHAR 4260 Pharmacy Management I
- PHAR 4271 Pharmacy Practice II
- PHCA 6306 Pharmacy Administration and Management II
- PHCA 6407 Research Methods in Pharmacy Administration
- PHCA 6315 Healthcare Marketing

ii. Graduate Student Advising

Current – Primary academic advisor to 4 PhD students.

1. Advisor and Chair, Dissertation Committee, Soham Yande, PhD Student, Pharmaceutical Health Outcomes and Policy, Fall 2018 – present.
2. Advisor and Chair, Dissertation Committee, Suma Gopinathan, PhD Student, Pharmaceutical Health Outcomes and Policy, Fall 2018 – present.
3. Advisor and Chair, Dissertation Committee, Shrey Gohil, PhD Student, Pharmaceutical Health Outcomes and Policy, Fall 2018 – present.
4. Advisor and Chair, Dissertation Committee, Ravi Goyal, PhD Student, Pharmaceutical Health Outcomes and Policy, Fall 2020 – present.

Member, Dissertation Committee (Spring 2020 – present):

1. Precious Anyanwu
2. Prajakta Masurkar
3. Russell Wilson
4. Yinan Huang

Completed – Primary academic advisor to 8 PHD students and 12 MS students:

1. Dr. Chikermane is currently Manager, Global Health Economics and Reimbursement. Edwards Lifesciences.
2. Dr. Vadhariya is currently Research Scientist, Eli Lilly, Indianapolis, IN.
3. Dr. Sharma is currently an Assistant Professor of Pharmacy Administration at the University of Mississippi, School of Pharmacy.
4. Dr. Chitnis is currently Associate Director, Johnson & Johnson, Boston, MA.
5. Dr. Kramer is currently Director, Pharmacy Research at University of Miami Sylvester Comprehensive Cancer Center.
6. Dr. Mehta is currently Assistant Professor at Johns Hopkins School of Public Health, Baltimore, MD.

7. Dr. Gupta is currently Research Analyst at UNC Lineberger Comprehensive Cancer Center.
8. Dr. Patel is currently Director, Melanoma Portfolio, US HEOR, Novartis, East Hanover, NJ.
- Six MS students continued in PhD programs; 6 placed in analyst roles in health care industry. Member of thesis or dissertation committee for 34 additional students.

2020

1. Advisor and Chair, Dissertation Committee, Soumya Chikermane, PhD 2016 – 2020. Graduated. Dissertation: Association between Metformin Use and the Risk of HR+/HER2- Breast Cancer in Postmenopausal Women with Type-2 Diabetes.
2. Member, Dissertation Committee, Abhishek Nair, PhD, Fall 2016 - Summer 2021. Graduated. Dissertation: Opioid Analgesic Utilization in Pediatric Population with Acute Pain.
3. Member, Dissertation Committee, Jagadeswara Rao Earla, PhD, Fall 2016 - Summer 2020. Graduated. Dissertation: Disease Modifying Agents Use and Associated Outcomes in Multiple Sclerosis.
4. Member, Dissertation Committee, Sanika Rege, PhD, Fall 2015 - Summer 2020. Graduated. Dissertation: Concomitant Use of Atypical Antipsychotics and Cholinesterase Inhibitors Among Older Adults with Dementia.
5. Member, Dissertation Committee, Rutugandha Paranjpe, PhD, Fall 2016 - Summer 2020. Graduated. Dissertation: Evaluating Adherence and Health Outcomes Among Patients on Concomitant Diabetes, Hypertension, and Hyperlipidemia Treatments Using Marginal Structural Modeling.

2019

Advisor and Chair, Dissertation Committee, Aisha Vadhariya, PhD, 2014- 2019. Graduated Summer 2019. Dissertation: Patterns of Lipid-Lowering Therapy, Adherence, and Up-Titration in Older Adults.

2017

1. Advisor and Chair, Dissertation Committee, Manvi Sharma, PhD, 2013- 2017. Graduated Fall 2017. Dissertation: The Concomitant Use of Tyrosine Kinase Inhibitors and Proton Pump Inhibitors: Prevalence, Predictors and Impact on Survival and Discontinuation of Therapy in Older Adults with Cancer.
2. Member, Dissertation Committee, Farid Chekani, PhD Fall 2013 – Summer 2017. Graduated. Dissertation: Safety of Atypical Antipsychotics in Elderly Patients with Parkinson's Disease.
3. Member, Dissertation Committee, Nandita Kachru, PhD Fall 2013 – Summer 2017. Graduated. Dissertation: Adverse Outcomes of Antimuscarinics in Elderly Dementia.

2016

1. Member, Dissertation Committee, Pratik Rane, PhD, Fall 2012 – 2015. Graduated Summer 2016. Dissertation: Safety effects of proton pump inhibitor use among community dwelling adults with gastroesophageal reflux disease.
2. Member, Dissertation Committee, Mark Hatfield, PhD, Fall 2012 – 2015. Graduated Summer 2016. Dissertation: Assessing the impact of multiple levels of influence on the use of hydrocodone combination products and buprenorphine as opioid addiction/dependence treatment.

3. Member, Dissertation Committee, Rohan Medhekar, PhD, Fall 2012 – 2015. Graduated Fall 2016. Dissertation: Using Physician Social Networks to understand the guideline non-concordant prescribing practices among children and adolescents on psychotropic medications.
4. Member, Dissertation Committee, Nipun Atreja, PhD, Fall 2012 – 2015. Graduated Fall 2016. Dissertation: The impact of long-term opioid medication on oral antihyperglycemic medication adherence and subsequent type 2 diabetes mellitus-related hospitalization risk among patients with type 2 diabetes mellitus.

2015

1. Advisor and Chair, Dissertation Committee, Jeetvan Patel, PhD, Fall 2010 – 2015. Graduated August 2015. Dissertation: Medication Use Behavior and Outcomes among Chronic Obstructive Pulmonary Disease Patients.
2. Member, Dissertation Committee, Erin Ferries, PhD, Fall 2012 – 2014. Graduated August 2015. Epidemiology of controlled substance prescription drug utilization in Texas: an analysis of prescription drug monitoring program data.

2014

3. Advisor and Chair, Dissertation Committee, Hemalkumar Mehta, PhD, Fall 2010 – 2014. Graduated May 2014. Dissertation: Comparative Effectiveness of ACEI and ARB for the Risk of Dementia in Elderly Patients with Diabetes and Hypertension.
4. Advisor and Chair, Dissertation Committee, Mark Kramer, PhD, Fall 2011 – 2014. Graduated May 2014. Dissertation: Intravenous Busulfan in Hematopoietic Stem Cell Transplantation: Does Patient Specific Clearance Affect Outcomes?
5. Advisor and Chair, Dissertation Committee, Parul Gupta, PhD, Fall 2009 – 2014. Graduated August 2014. Dissertation: Risk of Hospitalization among Elderly Heart Failure Patients initiating Beta-Blockers or ACE-Inhibitors.
6. Member, Dissertation Committee, I-Hsuan Wu, PhD, Fall 2012 – 2014. Graduated August 2014. Comparative Effectiveness of Smoking Cessation Medications among Schizophrenic Smokers.
7. Member, Dissertation Committee, Vishal Bali, PhD, Fall 2010 – 2014. Graduated, Dec 2014. Comparative Effectiveness of Second Generation Anti-depressants on Cognition and Dementia in the Elderly

2013

8. Member, Dissertation Committee, Mo Yang, PhD, Fall 2009 – Summer 2013. Graduated, Aug 2013. Dissertation: Comparison of Effectiveness of Smoking Cessation Medications among Obese Smokers.
9. Member, Dissertation Committee, Satabdi Chatterjee, PhD, Fall 2009 – Fall 2013. Graduated, Dec 2013. Dissertation: Safety Profile of Anticholinergic Medication Use in the Elderly.

2012

10. Advisor and Chair, Dissertation Committee, Abhishek Chitnis, PhD, Fall 2009 – Fall 2012. Graduated Dec 2012. Dissertation: Angiotensin-converting enzyme inhibitors/angiotensin receptor blockers, statins, and dementia in patients with heart failure.
11. Member, Dissertation Committee, Adarsh Ghandi, PhD, Fall 2008 – present. Graduated Dec 2012. Dissertation: Role of Inflammation in Drug Metabolism and Hepatotoxicity of Prototypical Drugs.

12. Member, Dissertation Committee, Pravin Kamble, PhD, Fall 2010 – Fall 2012. Graduated Dec 2012. Dissertation: Concurrent Stimulant and Atypical Antipsychotic Use in Children and Adolescents with ADHD.
13. Member, Dissertation Committee, Nilanjana Dwivedi, PhD, Fall 2010 – Fall 2012. Graduated Dec 2012. Dissertation: Parent's Expectation to Receive Antibiotic Prescription for Children.
14. Member, Dissertation Committee, Sandhya Mehta, PhD, Fall 2010 – Fall 2012. Graduated Dec 2012. Dissertation: Dementia in Older Adults: Predicting and Preventing Risk.

2011

15. Advisor, Ankit Shah, MS, Fall 2009 – 2011. Graduated Summer 2011: Thesis: Impact of long-acting insulin agents on health related quality of life, health care expenditures and utilization.
16. Advisor, Juhi Shah, MS, Fall 2009 – 2011. Graduated Summer 2011: Thesis: Effect of secondary preventive treatment on the health related quality of life of myocardial infarction patients.
17. Master's thesis committee member, Dhaval Patil, MS, 2010. Graduated Summer 2011: Thesis: The Role of Physicians in the Adoption of Pharmacogenomics in Breast Cancer
18. Master's thesis committee member, Aditi Kadakia, MS, 2010. Graduated Summer 2011: Thesis: Predictors of CMF chemotherapy and risk of renal toxicities associated with Methotrexate in women diagnosed with Breast Cancer

2010

19. Advisor, Hemalkumar Mehta, MS in Pharmacy Administration, 2008 – 2009. Graduated Summer 2010. Thesis: National Trends in Anti-Obesity Medication Use 2002 – 2007.
20. Advisor, Rohan Parikh, MS in Pharmacy Administration, 2008 – 2009. Graduated Summer 2010. Thesis: Quality of Care in Patients with Diabetes and Hypertension
21. Advisor, Jeetvan Patel, MS Candidate Pharmacy Administration, 2008 - 2009. Graduated Summer 2010. Thesis: Impact of Obesity and Age on Chronic Comorbid Conditions in the US
22. Master's Thesis committee member, for Satabdi Chatterjee, MS in Pharmacy Administration, 2009. Graduated Summer 2010. Thesis: Comparative Safety Outcomes of Atypical Antipsychotics in Older Adults: A Retrospective Claims Data Analysis
23. Master's Thesis committee member, for Theresa Doan, MS in Pharmacy Administration, 2009. Graduated Summer 2010. Thesis: Evaluating Health Technology Intervention: Bedside Barcode Administration Process in an ICU Setting
24. Master's Thesis committee member, for Darshan Sangani, MS in Pharmacy Administration, 2009. Graduated Summer 2010. Thesis: Effect of format and sequence of over-the counter drug fact label information on consumer comprehension
25. Master's Thesis committee member, for Harshali Patel, MS in Pharmacy Administration, 2009. Graduated Summer 2010. Thesis: Consumer's awareness, attitude and intention to fill a prescription using generic drug discount programs
26. Master's Thesis committee member, for Dilip Makhija, MS in Pharmacy Administration, 2009. Graduated Summer 2010. Thesis: Pharmacists' Attitude and Preparedness regarding the issue of escalating Pharmaceutical demand due to the aging Baby Boomers

2009

27. Advisor, Santosh Agarwal, MS in Pharmacy Administration, 2008-2009. Graduated Summer 2009. Thesis: Geographic Variation in Quality of Pharmaceutical Care in Veterans with Chronic Heart Failure
28. Advisor, Ravi Kant Yadav, MS in Pharmacy Administration, 2008-2009. Graduated Summer 2009. Thesis: Effect of Statins on the Development of Dementia in Elderly Patients with Diabetes

29. Advisor, Abhishek Chitnis, MS in Pharmacy Administration, 2008-2009. Graduated Summer 2009. Thesis: Comparative Effectiveness of Individual Angiotensin Converting Enzyme Inhibitors in Heart Failure using Propensity Score Approach
30. Advisor, Rishi J. Desai, MS in Pharmacy Administration, 2008-2009. Graduated Summer 2009. Thesis: Comparative Effectiveness of Individual Angiotensin Receptor Blockers in Veterans with Chronic Heart Failure
31. Master's Thesis committee member, for Nilanjana Dwibedi, MS in Pharmacy Administration, 2009. Graduated Summer 2009. Thesis: Comparing Medication Administration Time between Bedside Barcode Medication Administration and Paper Baser Medication Administration in an Intensive Care Unit
32. Master's Thesis committee member, for Darshan Pawar, MS in Pharmacy Administration, 2009. Graduated Summer 2009. Thesis: The Impact of Medicare Part D on the Prevalence of Inappropriate Medications among Elderly Medicare Beneficiaries
33. Master's Thesis committee member, for Vishal Saundankar, MS in Pharmacy Administration, 2009. Graduated Summer 2009. Thesis: Impact of Lipid Clinic on Attainment of Lipid, Glycemic and Blood Pressure Goals in Patients with Type 2 Diabetes and Coronary Heart Disease
34. Master's Thesis committee member, for Sandhya Mehta, MS in Pharmacy Administration, 2009. Graduated Summer 2009. Thesis: Comparative safety of typical and atypical antipsychotics in older adults.

2008

35. Advisor, Dhvani Shah, MS in Pharmacy Administration, 2007-2008. Graduated Summer 2008. Thesis: "Association between pharmacy treatment and outcomes in patients with chronic heart failure."
36. Advisor, Manvi Sharma, MS in Pharmacy Administration, 2007-2008. Graduated Summer 2008. Thesis: "Comparative effectiveness of angiotensin converting enzyme inhibitors and angiotensin II receptor blockers in heart failure."
37. Advisor, Niraj Parikh, MS in Pharmacy Administration, 2007-2008. Graduated Summer 2008. Thesis: "Hypertension, antihypertensive medications and dementia in elderly patients with diabetes."
38. Master's Thesis committee member, for Rohit Wattal, MS in Pharmacy Administration, 2008. Graduated Summer 2008. Thesis: "Evaluation of Ritonavir boosted protease inhibitor in the treatment of HIV infected patients."
39. Master's Thesis committee member, for Sham Chaudhuri, MS in Pharmacy Administration, 2008. Graduated Summer 2008. Thesis: "Out of pocket burden for elderly Medicare beneficiaries before and after implementation of Medicare Part D."
40. Master's Thesis committee member, for Taiwo Obajuluwa, MS in Pharmacy Administration, 2008. Graduated Summer 2008. Thesis: "The effects of Medicare Part D on the prevalence of inappropriate psychotropic medications use among elderly Medicare beneficiaries."

2007

41. Master's Thesis committee member, for Elda Jano, MS in Pharmacy Administration, 2007. Graduated, Summer 2007. Thesis: "Prevalence, determinants, and healthcare impact of antipsychotic use in the elderly."
42. Dissertation committee member, for Jessica Calleo, PhD in Clinical Psychology, 2006-2007. Graduated, Fall 2007. Dissertation: "Health service utilization in older adults with generalized anxiety disorder."

iii. Educational Grants

1. Development of Online Courses for the MS program in Pharmacy Administration
University of Houston, Faculty Development Initiative Program
Co-investigator (PI: S Sansgiry)
2007-2008
Total cost \$20,000

II. BAYLOR COLLEGE OF MEDICINE

Lectures

Clinical Scientist Training Program. Pharmacoepidemiology: Methods and Applications to Health Services Research. Baylor College of Medicine, Spring 2005.

Clinical Scientist Training Program. Pharmacoepidemiology: Methods and Applications to Health Services Research. Baylor College of Medicine, Spring 2004.

Clinical Scientist Training Program. Measuring the Quality of Healthcare Services: What Do We Know? Baylor College of Medicine, Spring 2003.

Clinical Scientist Training Program. Measuring the Quality of Healthcare Services: What Do We Know? Baylor College of Medicine, Spring 2002.

Clinical Scientist Training Program. Bias: A Researcher's Sin. Baylor College of Medicine, Spring 2001.

Sub-Specialty Fellows Course, Biostatistics section. Baylor College of Medicine, Summer 1996.

E. RESEARCH FELLOW TRAINING

1. Mentoring Manvi Sharma, PhD, Post-Doctoral fellow at the UT Health McGovern Medical School, Houston, TX. Accepted tenure track Assistant Professor, University of Mississippi, Jan 2019.
2. Preceptor to Tara Esse, PharmD, Texas Healthspring, 2011-2012. Esse T, Serna O, Chitnis AS, Johnson ML, Fernandez N. Quality Compensation Programs: Are They Worth All the Hype? A Comparison of Outcomes within a Medicare Advantage Heart Failure Population. JMCP, 2013 May;19(4):317-24.
3. Mentored Suja Rajan, PhD, Assistant Professor, UH College of Pharmacy, 2010-August 2011. Took new position as Assistant Professor, tenure track at UTSPH Fall 2012.
4. Mentored Iris Wei, Dr.PH, VA Post-doctoral Fellow, 2006-2007 until she took new position at CMS.

Michael L. Johnson, PhD

5. Mentored Yavonne Evans Martinez, PharmD, MPH student, Summer 2003. “Factors of Patient Trust Related to the Pharmaceutical Industry.” Abstract presented at Annual Meeting of the American College of Clinical Pharmacy, Dallas, Texas, October 2004.
6. Mentored Kathleen Neville, MD, Pediatric Hematology-Oncology Fellow, CSTP Spring 2002. Thesis, “Ethics of informed consent in pediatric hematology-oncology health services research”.

F. RESEARCH SUPPORT

I. Active:

1. 04/2018 – 03/2022 (NCE)
A motivational interviewing intervention customized by patient adherence patterns (PI: S. Abughosh)
Funding source: NIH
Research Site: University of Houston
Role: Co-investigator
The goal of this retrospective cohort study is to improve adherence to antihypertensivemedications through intervention of patients identified with poor adherence trajectory patterns.
2. 09/2020 – 08/2021
Impact of Prescribing Cascade and Associated Drug Interaction in Alzheimer's Disease Goals (PI: R. Aparasu)
Funding source: NIH R56
Research Site: University of Houston
Role: Co-investigator
The overall goal of this research is to evaluate the healthcare impact of the prescribing cascades of Cholinesterase inhibitors and their associated interactions among community-dwelling older adults with Alzheimer's disease
3. 07/2021 – 06/2023
Oral Adherence Trajectories Of Disease Modifying Agents And Associated Relapse Rates Among Patients With Multiple Sclerosis (PI: R. Aparasu)
Funding source: AHRQ R03

II. Under Review:

1. Medication adherence and glycemic control among type 2 diabetes patients enrolled in a Medicare advantage plan during the COVID-19 pandemic
1R21HL157705-01, NIH
\$150,000
PI: Abughosh; Co-I: Johnson (0.5 calendar)
4/1/2021 – 3/31/2023

2. A culturally tailored motivational interviewing intervention to enhance adherence among Rio Grande Valley diabetes patients customized by social determinants of health and past adherence patterns.
1R01MD016070-01, NIH
\$266,856
PI: Abughosh; Co-I: Johnson (0.5 calendar)
5/1/2021 – 4/30/2025
3. Mechanisms of Anabolic Resistance in Sarcopenia
1R01AG071872-01, NIH
\$346,800
PI: Kumar; Co-I: Johnson (0.6 calendar)
4/1/2021 – 3/31/2026
4. Texas Accelerated Pediatric Cancer Drug Discovery and Development Core
Cancer Prevention & Research Institute of Texas (CPRIT)
Consultant/Co-inv: 5% (PI: Zhang)
Total Amount Proposed: \$4,000,000 CPRIT + \$1.425M UH Match
8.31.2020 – 8.30.2025
5. Regulatory mechanisms of irinotecan liver toxicity
NIH R15
Co-inv budgeted effort: 0.09 calendar months/year (PI: R. Ghose)
2019-2022
6. Novel Colon Cancer Therapy by Targeted Epigenetic Silencing of KRAS
NIH
Consultant/Co-inv 10% (PI: B. Guo)
My budgeted effort: \$10,000 per year
2019-2024
7. Treatment of Irinotecan-Induced Intestinal Toxicity with an Herbal Mixture SST: Mechanistic Studies and Clinical Trial
NIH
Consultant/Co-inv 10% (PI: M. Hu)
My budgeted effort: 0.5 month salary per year
2019-2024

III. Complete:

1. A Research and Education Partnership between HMH Department of Pharmacy and UH Department of Pharmaceutical Health Outcomes and Policy.
Contract: Houston Methodist Hospital
PI (Co-investigator J. Swan)
2016-2019
2. United States Post-Marketing Observational Cardiovascular Safety Study in Patients Taking Naloxegol versus prescription non-peripherally acting mu-opioid receptor antagonists (PAMORA)
Contract: AstraZeneca

Steering Committee (PI: R. LoCasale)
2016-2019

3. Risk of Thrombosis and Bleeding in Patients on Warfarin or Apixaban (Eliquis) and Concomitant Anti-arrhythmic Medications
BMS/ Pfizer
Co-inv 10% (PI: M. Wanat, S. Abughosh)
\$202,548
2016-2018
4. Improving adherence to statins with targeted motivational interviewing interventions based on group based trajectory models among patients enrolled in a Medicare Advantage plan
Regeneron
Co-inv 10% (PI: S. Abughosh, M. Fleming)
\$184,585
2016-2018
5. Does Access to Patient Centered Medical Home reduce Racial and Ethnic Disparities in the care for Pediatric Major Depressive Disorders?
NIMHD R03 (PI: H. Chen)
Co-investigator 5%
2016-2018
6. A motivational interviewing intervention customized by patient adherence patterns
NIH R15
Co-inv 10% (PI: S. Abughosh)
\$438,250
2016-2018
7. Physician educational webinars to improve statin prescribing and guideline adherence among patients in a Medicare Advantage Plan.
Sanofi
Co-inv 5% (PI: M. Fleming)
2016-2018
8. Comparative effectiveness of basal bolus vs. sliding scale insulin for glucose control of a general hospital inpatient population.
Contract: Houston Methodist Hospital
PI (Co-investigator A. Sadhu)
2016-2017
9. Anticholinergics and Cognitive Decline in the Elderly with Depression/Dementia.
AHRQ R01 HS021264-01A1
Co-investigator 1.5 months (PI: R. Aparasu)
2012-2016
10. Center for Outcomes Research
Houston Methodist Hospital, Department of Surgery
Consultant (PI: N. Wray and C. Ashton)
2013-2016.

11. A Clinical Risk Index for Primary Clostridium Difficile Infection
Texas Department of State Health Services
Co-inv 10% (PI: K.Garey)
\$100,000
2014-2016
12. Outcomes of Angiotensin Receptor Blocker Use for Heart Failure in the Elderly
AHRQ R03
Principal Investigator
2008-2010
Total cost \$100,000
13. The Impact of the FDA Antidepressant Black Box Warning on the Quality of Psychiatric Practice
AHRQ R03
Consultant (PI: H Chen)
2007-2008
Total cost \$72,000
14. University of Calabar Teaching Hospital Center of Excellence in Infectious Diseases Program
World Bank
Co Investigator 5% (PI: Essien)
2011-2013
Total cost \$7,000,000
UH Subcontract cost \$1,200,000
15. Burden of COPD in a VA population and comparison of Advair Utilization with other controller medications
GlaxoSmithKline, contract
Consultant
2007
Total cost \$35,000
16. "METRIC: Measurement Excellence and Training Resource Information Center"
Department of Veterans Affairs Health Services Research and Development Service Investigator
10% (PI: Kuykendall)
2006 (through September)
Annual direct cost \$400,000
Center Grant
17. "Use of VA Pharmacy Services by Medicare Enrolled Veterans"
Department of Veterans Affairs Health Services Research and Development Service
Co-Principal Investigator 25% (PI: Morgan)
2003-2006
Annual direct cost \$285,400(yr 1), \$307,700(yr 2), \$278,800(yr 3)
Grant
18. "Pharmacy Use in Patients with Chronic Heart Failure"
Department of Veterans Affairs Health Services Research and Development Service
Principal Investigator 35%
2003-2005

Annual direct cost \$252,100(yr 1), \$234,600(yr 2)
Grant

19. "The Prevalence and Effects of Adherence to ACG Guidelines for NSAID Prescription in the VA."
American College of Gastroenterology
Co-Investigator 5%, donated. (PI: Abraham)
2004-2005
Annual direct cost \$32,458 (12 months)
Grant
20. "Recognition and Treatment of Depression and Anxiety in Congestive Heart Failure (CHF)"
Houston Center for Quality of Care and Utilization Studies
Co-Investigator 5%, donated. (PI: Cully)
2005
Annual direct cost \$10,000 (6 months)
Locally Funded Project
21. "Implementation of ALLHAT Results in VHA"
Department of Veterans Affairs Health Services Research and Development Service
Co-Investigator 5%, donated. (PI: Ashton)
2004-2005
Annual direct cost \$50,000
Grant
22. "Epidemiology and Economics of Pharmaceutical Use in the VA"
Merit Review Entry Program (MREP) VA Health Services Research and Development
Principal Investigator, 100%
2003-2005
Annual direct cost 100% salary support three years
Career Development Award
23. "Adherence to EBM Guidelines for NSAID Prescription in the VA"
Houston Center for Quality of Care and Utilization Studies
Co-Investigator 5%, donated. (PI: Abraham)
2004
Annual direct cost \$12,466 (6 months)
Locally Funded Project
24. "Role of Endovascular Abdominal Aortic Aneurysm Repair in Reducing Surgical Morbidity and Mortality"
Houston Center for Quality of Care and Utilization Studies
Co-Investigator 5%, donated. (PI: Bush)
2004
Annual direct cost \$13,669 (6 months)
Locally Funded Project
25. "Hypertension, Diabetes, and Hyperlipidemia Treatment and Outcomes: A regional study of patients in the Department of Veterans Affairs"
Pfizer
Principal Investigator 25%

Michael L. Johnson, PhD

2002-2003

Annual direct cost \$168,746(yr 1), \$21,125 (yr2)

Contract

26. “Costs of Inpatient, Outpatient, and Pharmacy Services in the VA”

Department of Veterans Affairs Health Services Research and Development Service

Principal Investigator, 10%

2002

Annual direct cost \$10,000

Locally Initiated Project

27. “Coordinating Center for the VA Quality Enhancement Research Initiative on CHF”

Department of Veterans Affairs Health Services Research and Development Service

Co-Investigator 20% (PI: Beyth)

1998-2002

Annual direct cost \$322,216(yr 1), \$195,654(yr 2), \$195,654(yr 3), \$195,654(yr 4), \$199,654 (yr. 5): total direct cost \$1,120,832

Grant

28. A Communication Model for Self-Management Behavior

AHRQ and NIH

Statistician 10% (PI: Collins)

2002

Annual direct cost: \$135,955 (Yr1), \$149,884 (Yr2), \$77,003 (Yr3)

Grant

29. “Pilot Just-in-Time IRB Review Evaluation”

Department of Veterans Affairs Health Services Research and Development Service

Co-Investigator 10% (PI: Kelly)

2002-2003

Annual direct cost \$100,000 (yr 1)

Grant

30. Patient Attitudes Concerning Trust

AHRQ and NIH

Statistician 10% (PI: O’Malley)

2001-2002

Annual direct cost: \$92,968 (Yr1), \$105,757 (Yr2)

Grant

31. VISN 16 Lansoprazole Pharmacy Waste Project

Department of Veterans Affairs, VISN 16 (Jackson, MS)

Principal Investigator 25%

2000

Annual direct cost: \$37,913 (4 months)

Contract

G. NATIONAL SCIENTIFIC PARTICIPATION

I. Journal editorial boards

- Ad hoc reviewer, Medical Care, 1997–present.
- Ad hoc reviewer, Health Services Research, 2003–present.
- Ad hoc reviewer, Alimentary Pharmacology and Therapeutics, 2005-present.
- Ad hoc reviewer, Journal of General Internal Medicine, 2005-present.
- Ad hoc reviewer, American Journal of Managed Care, 2005-present.
- Ad hoc reviewer, Current Medical Research and Opinion, 2006- present.
- International Advisory Board, 2008-2010.
- Ad hoc reviewer, American Journal of Hypertension, 2006.
- Ad hoc reviewer, Clinical and Experimental Hypertension, 2008.
- Ad hoc reviewer, Value in Health, 2008- present.
- Ad hoc reviewer, The Annals of Pharmacotherapy, 2008-present.
- Ad hoc reviewer, Journal of Managed Care Pharmacy, 2009-present.
- Ad hoc reviewer, Journal of Medical Economics, 2009-present.
- Editorial Board, 2010-present.
- Ad hoc reviewer, Journal of Clinical Lipidology, 2010-present.
- Editorial Board, 2010-present.
- Ad hoc reviewer, Journal of American Geriatric Society, 2011-present.
- Ad hoc reviewer, Journal of Clinical Pharmacy and Therapeutics, 2011-present.
- National Institutes of Health, Center for Scientific Review, Study Section Ad Hoc Reviewer, Behavioral and Social Consequences of HIV/AIDS (BSCH), 2016

II. Review Panels

- UTMB Claude D. Pepper Older Americans Independence Center Scientific Review Committee (Pepper-SRC). July 2018.
- National Institutes of Health, Center for Scientific Review, Behavioral and Social Consequences of HIV/AIDS (BSCH) Study Section, June 2016
- American Heart Association, Outcomes/Qualitative Research & Therapeutic Clinical Trials Peer Review Study Group, 2010 – 2014. Four-year appointment. Grant reviewer for:

- Spring 2010 – 9 grants
 - Fall 2010 - 11 grants
 - Spring 2011 – 10 grants
 - Fall 2011 – 7 grants
 - Spring 2012 – 10 grants
-
- Agency for Healthcare Research and Quality, Special Emphasis Panel, March 2008.
 - National Institutes of Health, Center for Scientific Review, Health Services Organization and Delivery (HSOD) Study Section, June 2007
 - Canadian Institutes of Health Research, Randomized Controlled Trials section, October 2006.
 - Member, Abstract Review Committee, ISPOR 9th Annual European Congress, Copenhagen, Denmark, October 2006.
 - Member, Abstract Review Committee, VA HSR&D Annual meeting, 2005.
 - Member, Evaluation team for “Just-In-Time” IRB Evaluation project at the VA HSR&D Scientific Review Evaluation Board, January 2003, 3 days.
 - Member, Evaluation team for “Just-In-Time” IRB Evaluation project at the VA HSR&D Scientific Review Evaluation Board, June 2002, 2 days.
 - Member, Executive Committee, CHF QUERI, Department of Veterans Affairs, February 2000–October 2001.
 - Member, Abstract Review Committee, VA HSR&D Annual meeting, 1999.
 - Member, Research and Development Review Committee, Houston VA Medical Center, October 1999–September 2002.

III. Professional Societies

- International Society for Pharmacoeconomic and Outcomes Research, 2002–present.
- Instructor, Short Course: Introduction to Design and Analysis of Comparative Effectiveness Studies using Retrospective Databases, Baltimore 2011; Madrid 2011; Washington DC 2012.
- Chair, Task Force on Good Research Practices for Retrospective Database Studies, 2007-present. Task Force Report published in three parts (see publications).
- Co-chair, (with William Marder, PhD) Retrospective Database Special Interest Group, 2004 - 2007.
- Co-authored report to CMS: ISPOR Comment on Proposed Medicare Part D Prescription drug event record data elements. April 2005.
http://www.ispor.org/sigs/Comments_MedicareRxDataElements.pdf

Michael L. Johnson, PhD

- Co-authored second report to CMS: ISPOR Comment on Proposed US Medicare Ruling on Use of Drug Claims Data for Outcomes Research
- http://www.ispor.org/workpaper/ispor_comments/RDSIGComments%20toCMSProposed%20PartDRuling.pdf
- Presentation Judge, ISPOR 11th Annual International Meeting, Philadelphia, PA, May 21-24, 2006.
- International Society for Pharmacoepidemiology, 2003-present.
- Academy for Health Services Research and Health Policy, 1998–2008.
- Society of General Internal Medicine, 2002–2003.

IV. Invited lectures, presentations, research seminars

1. Marginal Structural Models to Improve Causal Inference of Non-randomized Treatment Effects.” University of Texas Medical Branch, Galveston, Texas. January 19, 2016.
2. Observational Studies and Registries, Longitudinal Data Analysis. Video-recorded lecture for EdEx series: MDAnderson Cancer Center, R25, M. Suarez-Almazor, PI. Nov 2015.
3. “Promotion and Tenure: An Open Forum for Faculty.” University of Houston, College of Pharmacy, April 14, 2015.
4. “Comparative effectiveness of individual angiotensin receptor blockers on risk of mortality in patients with chronic heart failure.” University of Texas, School of Public Health, San Antonio Regional Campus, March 14, 2011.
5. “Design and Analysis of Non-randomized Studies of Treatment Effects using Secondary Databases,” DRAFT Report, for the ISPOR Task Force members on Good Research Practices for Retrospective Database Studies. Forum presentation at the 14th Annual International Meeting, ISPOR, Orlando, FL, May 19, 2009.
6. “Anti-hypertensive drug use and risk of dementia in patients with diabetes.” Research in Progress, Houston Center of Excellence, December 10, 2008.
7. “Anti-hypertensive drug use and risk of dementia in patients with diabetes.” Baylor College of Medicine, Department of Neurology, November 21, 2008.
8. “Design and Analysis of Non-randomized Studies of Treatment Effects using Secondary Databases,” DRAFT Report, for the ISPOR Task Force members on Good Research Practices for Retrospective Database Studies. Forum presentation at the 13th Annual International Meeting, ISPOR, Toronto, Canada, May 4, 2008.
9. “Marginal Structural Models: A Method to Improve Causal Inference in Observational Studies.” Design and Analysis Section Seminar, Houston HSR&D, February 26, 2007.
10. “Hospital Use and Survival Among Veteran Affairs Beneficiaries: A Policy Evaluation Study

- using Retrospective Databases in the US Veterans Health Administration.” Panel presentation, ISPOR 11th Annual International Meeting, Philadelphia, PA, May 23, 2006.
11. “Large Database Analysis in Health Services Research” Lecture: University of Texas Health Science Center at Houston, Health Services Research Course. March 1, 2006.
 12. “VA and Non-VA Databases and their uses – Part II.” New Faculty, Post-Doctoral Seminar Series, Houston Center of Excellence, February 9, 2006.
 13. “VA and Non-VA Databases and their uses – Part I.” New Faculty, Post-Doctoral Seminar Series, Houston Center of Excellence, January 12, 2006.
 14. “VA and Non-VA Databases and their uses – Part II.” New Faculty, Post-Doctoral Seminar Series, Houston Center of Excellence, September 28, 2004.
 15. “VA and Non-VA Databases and their uses – Part I.” New Faculty, Post-Doctoral Seminar Series, Houston Center of Excellence, September 14, 2004.
 16. “Hypertension and Dyslipidemia: Prevalence, Risk, and Goal Attainment – a Multi-center Study of Patients in VISN 16.” Cardiovascular Center of Excellence Seminar Series, Michael E. DeBakey Veterans Affairs Medical Center, May 20, 2004.
 17. “VA and Non-VA Databases and their uses – Part II.” New Faculty, Post-Doctoral Seminar Series, Houston Center of Excellence, February 24, 2004.
 18. “VA and Non-VA Databases and their uses – Part I.” New Faculty, Post-Doctoral Seminar Series, Houston Center of Excellence, February 10, 2004.
 19. “Lose Something? Ways to Handle Your Missing Data” Professional Development Seminar Series, Houston Center for Quality of Care and Utilization Studies, presented September 17, 2003.
 20. “Hypertension, Dyslipidemia and Diabetes: Prevalence, Treatment and Goal Attainment: in Patients at the Houston VAMC” Grand Rounds, Houston VA Medical Center, April 28, 2003.
 21. “Cost of Inpatient, Outpatient and Pharmacy Services” QOWW Seminar Series, Houston Center for Quality of Care and Utilization Studies, presented March 12, 2003.
 22. “Pharmaceutical Health Services Research.” HSR Academy, Houston Center of Excellence, November 6, 2002.
 23. “VA and Non-VA Databases and their uses.” New Faculty, Post-Doctoral Seminar Series, Houston Center of Excellence, October 29, 2002.
 24. “Pharmacoepidemiology: Methods and Applications to Health Services Research, Houston Center of Excellence QOWW seminar series, February 27, 2002.
 25. “VA and Non-VA Databases and their uses.” New Faculty, Post-Doctoral Seminar Series, Houston Center of Excellence, February 21, 2002.
 26. “Pharmacy Dispensing Patterns, Healthcare Costs and Utilization: A study of Lansoprazole.”

- Seminar, University of Texas at Austin, Center for Pharmacoeconomic Studies, November 14, 2001.
27. "Use of VA Databases for Health Services Research", Planning Conference for Research Collaboration: University of Texas at Austin and Department of Veterans Affairs, Austin, Texas, September 19, 2001.
 28. "Risk Factors for Lower Extremity Non-Traumatic Amputation in Peripheral Arterial Disease: Use of Clinical and Administrative Data", Planning Conference for Research Collaboration: University of Texas at Austin and Department of Veterans Affairs, Austin, Texas, September 19, 2001.
 29. "Houston HSR&D Center of Excellence." Congressional Update, Houston VA Medical Center, September 13, 2001.
 30. "Lansoprazole Pharmacy Waste Project- VISN 16," presented at the VISN 16 Pharmacy Benefits Management Annual Meeting, Little Rock, Arkansas, October 2000.
 31. "Final Report: Lansoprazole Pharmacy Waste Project – VISN 16", QOWW Seminar Series, Houston Center of Excellence, October 4, 2000.
 32. "Proposal: Lansoprazole Pharmacy Waste Project–VISN 16," presented at the VISN 16 Health Care Advisory Council, Dallas, Texas, February 2000.
 33. "Illness Trajectory, Resource Use and Outcome of Hospitalization." QOWW Seminar Series, Houston Center of Excellence, October 27, 1999.
 34. "A Comparison of Markov and Generalized Linear Models of Hospital Mortality." Dissertation, University of Texas Health Science Center at Houston. School of Public Health, April 9, 1999.
 35. "QUERI: A Program for Translating Research into Practice." Dean's Committee, Baylor College of Medicine and Houston VA Medical Center, May 19, 1998.
 36. "John P. McGovern Outstanding Teacher of the Year, Asha S. Kapadia, PhD. Commencement Address," University of Texas Health Science Center at Houston, School of Public Health, May 1994.

H. PUBLICATIONS

Google Scholar page:

https://scholar.google.com/citations?hl=en&user=GBhYw2QAAAAJ&view_op=list_works&sortby=pubdate

I. Full papers

i. Published in refereed journals:

*represents corresponding or senior author

^represents student author

1. Sadhu AR, Patham B, Vadhariya A, Chikermane SG, Johnson ML. Outcomes of “Real World” Insulin Strategies in the Management of Hospital Hyperglycemia. *J Endocr Soc.* 2021 Jun 16; 5(8). PMID 34235360
2. Kachru N, Holmes HM, Johnson ML, Chen H, Aparasu RR. Comparative risk of adverse outcomes associated with nonselective and selective antimuscarinic medications in older adults with dementia and overactive bladder. *Int J Geriatr Psychiatry.* 2021 May;36(5):684-696. PMID: 33169433
3. Kachru N, Holmes HM, Johnson ML, Chen H, Aparasu RR. Antimuscarinic use among older adults with dementia and overactive bladder: a Medicare beneficiaries study. *Curr Med Res Opin.* 2021 Aug;37(8): 1303-1313. PMID 33890538.
4. Rege S, Carnahan RM, Johnson ML, Chen H, Holmes HM, Aparasu RR. Antipsychotic initiation among older dementia patients using cholinesterase inhibitors: a national retrospective cohort study. *Drugs Aging.* 2021 Jun;38(6):493-502. PMID 33763822
5. Earla JR, Hutton GJ, Thornton DJ, Chen H, Johnson ML, Aparasu RR. Comparative treatment effectiveness of oral fingolimod and conventional injectable disease-modifying agents in multiple sclerosis. *Pharmacotherapy.* 2021 May;41(5):440-450. PMID 33641232
6. Vadhariya A, Paranjpe R, Essien EJ, Johnson ML, Fleming ML, Esse TW, Gallardo E, Serna O, Choi J, Boklage S, Abughosh SM. Patient-reported barriers to statin adherence: excerpts from a motivational interviewing intervention in older adults. *J Am Pharm Assoc (2003).* 2021 Jan-Feb;61(1):60-67. PMID 33032947
7. Earla JR, Hutton GJ, Thornton JD, Chen H, Johnson ML, Aparasu RR. Factors associated with oral fingolimod use over injectable disease-modifying agent use in multiple sclerosis. *Exploratory Research in Clinical and Social Pharmacy.* May 2021.
8. Earla JR, Hutton GJ, Thornton JD, Chen H, Johnson ML, Aparasu RR. Comparative adherence trajectories of oral fingolimod and injectable disease modifying agents in multiple sclerosis. *Patient Prefer Adherence.* 2020 Nov 4;14:2187-2199. PMID 33177813
9. Varisco TJ, Johnson ML, Thornton J. Comment on Arshad et al.: treatment with hydroxychloroquine, azithromycin, and combination in patients hospitalized with COVID-19. *Int J Infect Dis.* 2020 Oct;99:373. PMID 32771630
10. Chekani, F., Holmes, H. M., Johnson, M. L., Chen, H., Sherer, J. T., & Aparasu, R. R. Use of Atypical Antipsychotics in Long-Term Care Residents with Parkinson’s Disease and Comorbid Depression. *Drug, Healthcare and Patient Safety,* 2020. PMID 32099480
11. Fleming ML, Rege S, Johnson ML, Serna O, Esse T, Choi J, Abughosh SM. Examination of physicians’ adherence to the 2013 ACC/AHA statin/cholesterol guidelines using a framework of awareness to adherence: a cross-sectional study. *JRSM Cardiovasc Dis.* 2020 Aug 17;9:2048. PMID 32874555
12. Paranjpe R, Johnson ML, Essien EJ, Barner JC, Serna O, Gallardo E, Majd Z, Fleming ML, Ordonez N, Holstad MM, Abughosh SM. Group-based trajectory modeling to identify patterns of adherence and its predictors among older adults on angiotensin-converting enzyme inhibitors (ACEIs)/Angiotensin receptor blockers (ARBs). *Patient Prefer Adherence.* 2020 Oct 13;14:1935-1947. PMID 33116437
13. Chekani, F., Holmes, H. M., Johnson, M. L., Chen, H., Sherer, J. T., & Aparasu, R. R. Risk of Mortality Associated With Atypical Antipsychotic use: A National Cohort Study of Older Adults With Depression and Parkinson's Disease. *The American Journal of Geriatric Psychiatry,* 2020. PMID 32147383
14. Chatterjee, S., Bali, V., Carnahan, R. M., Chen, H., Johnson, M. L., & Aparasu, R. R. Anticholinergic burden and risk of cognitive impairment in elderly nursing home residents

- with depression. *Research in Social and Administrative Pharmacy*, 2020 Mar;16(3):329-335. PMID 31182419
15. Kachru, N., Holmes, H. M., Johnson, M. L., Chen, H., & Aparasu, R. R. Risk of Mortality Associated with Non-selective Antimuscarinic medications in Older Adults with Dementia: A Retrospective Study. *Journal of General Internal Medicine*, February 2020. PMID 32026255
 16. Vadhariya A., Fleming, M., Johnson ML, James E, Serna O, Esse T, Choi J, Boklage S, Abughosh S. Group-Based Trajectory Models to Identify Sociodemographic and Clinical Predictors of Adherence Patterns to Statin Therapy Among Older Adults. *American Health & Drug Benefits*, 2019. Jun-Jul;12(4):202-211. PMID 31428238
 17. Abughosh SM, Vadhariya A, Johnson ML, Essien EJ, Esse TW, Serna O, Gallardo E, Boklage SH, Choi J, Holstad MM, Fleming ML. Enhancing statin adherence using a motivational interviewing intervention and past adherence trajectories in patients with suboptimal adherence. *J Manag Care Spec Pharm*. 2019 Oct;25(10):1053-1062. PMID 31556824
 18. Wanat, M. A., Wang, X., Paranjpe, R., Chen, H., Johnson, M. L., Fleming, M. L., & Abughosh, S. M. Warfarin vs. apixaban in nonvalvular atrial fibrillation, and analysis by concomitant antiarrhythmic medication use: A national retrospective study. *Research and Practice in Thrombosis and Haemostasis*, 2019 Jun 17;3(4):674-683. PMID 31624787
 19. Chekani F, Holmes HM, Johnson ML, Chen H, Sherer JT, Aparasu RR. Risk of pneumonia associated with atypical antipsychotic use in nursing home residents with Parkinson's disease. *J Psych Res*, 117, Oct 2019, 116-121. PMID 31377483
 20. Hoang JM, Upadhyay N, Dike DN, Lee J, Johnson ML, Cleeland CS, Mendoza T, Chen H, Trivedi M. Patient-reported outcomes in light of supportive medications in treatment-naïve lung cancer patients. *Journal of Supportive Care in Cancer*. Accepted July 2019.
 21. Abughosh S, Vadhariya A, Johnson ML, Essien E, Esse T, Serna O, Gallardo E, Boklage S, Choi J, Holstad M, Fleming M. Enhancing statin adherence using a motivational interviewing intervention customized by past adherence trajectories. *J Managed Care and Specialty Pharmacy*. Accepted May 2019.
 22. Sharma M, Vadhariya A, Chikermane S, Gopinathan S, Chavez-MacGregor M, Giordano SH, Johnson ML, Holmes HM. Clinical outcomes associated with drug-drug interactions of oral chemotherapeutic agents: a comprehensive evidence-based literature review. *Drugs Aging* 2019 Apr;36(4):3431-34. PMID: 30714077
 23. Karuturi MS, Holmes HM, Lei X, Johnson ML, Barcenas CH, Cantor SB, Gallick GE, Bast RC, Giordano SH. Potentially inappropriate medications defined by STOPP criteria in older patients with breast and colorectal cancer. *J Geriatr Oncol*. 2019 Feb 19. PMID: 30795923.
 24. Sharma, M., Holmes, H. M., Mehta, H. B., Chen, H., Aparasu, R. R., Shih, Y. T., . . . Johnson, M. L. The concomitant use of tyrosine kinase inhibitors and proton pump inhibitors: Prevalence, predictors, and impact on survival and discontinuation of therapy in older adults with cancer. *Cancer*, January 2019.

25. Medhekar, R., Fujimoto, K., Aparasu, R. R., Bhatara, V. S., Johnson, M. L., Alonzo, J. P., Schwarzwald HL, Chen, H. Physician Care Coordination and the Use of Psychotropic Polypharmacy in the Management of Pediatric Mental Disorders. *Journal of Managed Care & Specialty Pharmacy*. 2019 Jan;25(1):29-38. PMID 30589632
26. Rizk E, Swan JT, Cheon O, Colavecchia AC, Bui LN, Kash B, Chokshi SP, Chen H, Johnson ML, Liebl MG, Fink E. Quality indicators to measure the impact of opioid stewardship interventions in the hospital and emergency department settings. *AJHSP*. Accepted, Nov 2018.
27. Sura SD, Holmes H, Johnson ML, Chen H, Chan W, Aparasu RR. Antipsychotic discontinuation among short-stay nursing home residents with dementia. *Research in Social and Administrative Pharmacy*. 2018;14(6):e18.
28. Karuturi MS, Holmes HM, Lei X, Johnson M, Barcenas CH, Cantor SB, Gallick GE, Bast RC Jr, Giordano SH. Potentially inappropriate medication use in older patients with breast and colorectal cancer. *Cancer*. 2018 Jul 15;124(14):3000-3007. doi: 10.1002/cncr.31403. Epub 2018 Apr 24. PMID: 29689595
29. Wu, I., Chen, H., Bordnick, P., James Essien, E., Johnson, ML, J Peters, R., Vadhariya, A^ & Abughosh, S. (2018). Comparative Effectiveness of Smoking Cessation Medications among Schizophrenic Smokers. *Trends Journal Of Sciences Research*, 3(3), October 2018.
30. Medhekar R^, Aparasu R, Bhatara V, Johnson ML, Alonzo J, Schwarzwald H, Chen H. Risk factors of psychotropic polypharmacy in the treatment of children and adolescents with psychiatric disorders. *Res Social Adm Pharm*. 2019 Apr;15(4):395-403. PMID 29929905
31. Medhekar R^, Aparasu R, Alonzo J, Johnson ML, Chen H. Physician care-coordination and the use of psychotropic polypharmacy in the management of pediatric mental disorders. Accepted, June 2018, *Journal of Managed Care & Specialty Pharmacy*.
32. Sharma M^, Vadhariya A^, Johnson ML, Marcum, Z, Holmes HH. The association of industry payments and prescribing costly medications: an observational study using open payments and medicare part D data. *BMC Health Serv Res* 2018 Apr 2; 18(1):236. PMID: 29609611
33. Chatterjee S, Bali V, Carnahan RM, Chen H, Johnson ML, Aparasu RR. Risk of mortality associated with anticholinergic use in elderly nursing home residents with depression. *Drugs Aging* 2017 Jun 27. [Epub ahead of print] PMID: 28656508
34. Ferries EA, Gilson AM, Aparasu RR, Chen H, Johnson ML, Fleming ML. The prevalence of and factors associated with receiving concurrent controlled substance prescriptions. *Subst Use Misuse* 2017 Oct 15;52(12):1639-1645. PMID: 28557587

35. Wu IH, Chen H, Bordnick P, Essien EJ, Johnson ML, Peters RJ, Wang X, Abughosh SM. Comparison of Suicide Attempts/Behaviors following Smoking Cessation Treatments among Schizophrenic Smokers. *Arch Psychiatr Nurs*. 2017 Feb;31(1):62-67. doi: 10.1016/j.apnu.2016.08.001 PMID: 28104060
36. Bali V, Chatterjee S, Johnson ML, Chen H, Carnahan RM, Aparasu RR. Risk of mortality in elderly nursing home patients with depression using paroxetine. *Pharmacotherapy*. 2017 Jan 12. doi: 10.1002/phar.1898. [Epub ahead of print] PMID: 28079266
37. Colavecchia AC, Putney DR, Johnson ML, Aparasu RR. Discharge medication complexity and 30-day heart failure readmissions. *Res Social Adm Pharm*. 2017 Jul-Aug;13(4): 857-863. PMID: 27771308
38. Bali V, Chatterjee S, Johnson ML, Chen H, Carnahan RM, Aparasu RR. Risk of cognitive decline associated with paroxetine use in elderly nursing home patients. *Am J Alzheimers Dis Other Demen*. 2016 Dec;31(8):678-686. PMID: 27765867
39. Yang M, Chen H, Johnson ML, Essien EJ, Peters RJ, Wang X, Abughosh S. Comparative effectiveness of smoking cessation medications to attenuate weight gain following cessation. *Subst Use Misuse*. 2016;51(5):586-97. doi: 10.3109/10826084.2015.1126744. PMID: 27007975
40. Ferries E, Gilson AM, Chen H, Aparasu RR, Johnson ML, Fleming M. Prevalence and Factors Associated with Multiple Provider Episodes in Texas: An Epidemiological Analysis of Prescription Drug Monitoring Program Data. *Pain Med*. 2016 Oct 15. pii: pnw250. [Epub ahead of print]. PMID: 27744401
41. Bali V, Chatterjee S, Johnson ML, Chen H, Carnahan RM, Aparasu RR. Comparative risk of hip fractures in elderly nursing home patients with depression using paroxetine and other selective serotonin reuptake inhibitors. *J Comp Eff Res*. 2016 Aug;5(5):461-73. doi: 10.2217/ce-2016-0009. PMID: 27426927
42. Chatterjee S, Bali V, Carnahan RM, Chen H, Johnson ML, Aparasu RR. Anticholinergic medication use and risk of fracture in elderly adults with depression. *J Am Geriatr Soc*. 2016 Jul;64(7):1492-7. doi: 10.1111/jgs.14182. PMID: 27294403
43. Chatterjee S, Carnahan RM, Chen H, Holmes HM, Johnson ML, Aparasu RR. Anticholinergic medication use and risk of pneumonia in elderly adults: a nested case-control study. *J Am Geriatr Soc*. 2016 Feb;64(2):394-400. doi: 10.1111/jgs.13932. PMID: 26889844
44. Bali V, Holmes HM, Johnson ML, Chen H, Fleming ML, Aparasu RR. Comparative effectiveness of second-generation antidepressants in reducing the risk of dementia in elderly nursing home residents with depression. *Pharmacotherapy*. 2016 Jan;36(1):38-48. doi: 10.1002/phar.1680. PMID: 26748455
45. Mehta HB, Mehta V, Girman C, Johnson ML. Regression Coefficient Based Scoring System Should be Used to Assign Weights to the Risk Index. *J Clin Epidemiol*. 2016 Nov;79:22-28. doi: 10.1016/j.jclinepi.2016.03.031. PMID: 27181564
46. Swan JT, Ashton CM, Bui Ln, Pham VP, Shirkey BA, Blackshear JE, Bersamin JB, Pomer

- RM, Johnson ML, Magtot AD, Butler MO, Tran SK, Sanchez LR, Georges JA, Ochoa RA, Hai SA, Denison KI, Graviss EA, Wray NP. Effect of Chlorhexidine Bathing Every Other Day on Prevention of Hospital-Acquired Infections in the Surgical Intensive Care Unit: A Single Center, Randomized Controlled Trial. *Crit Care Med.* 2016 Oct;44(10):1822-32. doi: 10.1097/CCM.0000000000001820. PMID: 27428384
47. Mehta HB[^], Sura SD[^], Sharma M[^], Johnson ML, Riall TS. Comparative Performance of Diagnosis and Prescription Based Comorbidity Scores to Predict Health-Related Quality of Life. *Med Care.* 2016 May;54(5):519-27. doi: 10.1097/MLR.0000000000000517. PMID: 26918403
48. Shah DN, Chan FS, Kachru N, Garcia KP, Balcer HE, Dyer AP, Emanuel JE, Jordan MD, Lusardi KT, Naymick G, Polisetty RS, Sieman L, Tyler AM, Johnson ML, Garey KW. *Springerplus.* 2016 Aug 2;5(1):1224. doi: 10.1186/s40064-016-2825-x. eCollection 2016. PMID: 27536508
49. Chatterjee S, Bali V[^], Carnahan RM, Johnson ML, Chen H, Aparasu RR. "Anti-cholinergic medication use and risk of dementia in elderly nursing home residents with depression". *Am J Geriatr Psychiatry.* 2016 Jun;24(6):485-95. doi: 10.1016/j.jagp.2015.12.011. Epub 2016 Feb 17. PMID: 26976294
50. Bali V[^], Johnson ML, Chen H, Fleming M, Holmes H, Aparasu RR. "Comparative cognitive profile of second generation antidepressants in elderly nursing home residents with depression." *Ann Pharmacother.* 2016 Feb;50(2):96-105. doi: 10.1177/1060028015618978. PMID: 26610873
51. Chitnis AS[^], Aparasu RR, Chen H, Kunik ME, Schulz PE, Johnson ML*. Use of angiotensin converting enzyme inhibitors and angiotensin receptor blockers and risk of dementia in heart failure. *Am J Alzheimers Dis Other Demen.* 2016 Aug;31(5):395-404. doi: 10.1177/1533317515618799. PMID: 26705381
52. Mehta HB[^], Mehta V, Tsai CL, Chen H, Aparasu RR, Johnson ML*. Development and validation of the RxDx-dementia risk index to predict dementia in patient with type 2 diabetes and hypertension. *J Alzheimers Dis.* 2016;49(2):423-32. doi: 10.3233/JAD-150466. PMID: 26519436
53. Kachru N, Carnahan RM, Johnson ML, Aparasu RR. Potentially inappropriate anticholinergic medication use in older adults with dementia. *J Am Pharm Assoc (2003).* 2015 Nov-Dec;55(6):603-12. doi: 10.1331/JAPhA.2015.14288. PMID: 26501745
54. Chitnis AS[^], Aparasu RR, Chen H, Kunik ME, Schulz PE, Johnson ML*. Use of statins and risk of dementia in heart failure: a retrospective cohort study. *Drugs Aging.* 2015 Sep;32(9):743-54. doi: 10.1007/s40266-015-0295-4. PMID: 26363909

55. Bali V[^], Carnahan R, Chen H, Johnson ML, Aparasu RR. Risk of Dementia in Elderly Nursing Home Patients using Paroxetine and other Selective Serotonin Reuptake Inhibitors. *Psychiatr Serv*. 2015 Dec 1;66(12):1333-40. doi: 10.1176/appi.ps.201500011. PMID: 26234334
56. Kachru N[^], Carnahan RM, Johnson ML, Aparasu RR. Potentially inappropriate anticholinergic medication use in community-dwelling older adults: a national cross-sectional study. *Drugs Aging*. 2015 May;32(5):379-89. PMID: 25832970
57. Kamble P[^], Chen H, Johnson ML, Bhatara V, Aparasu RR. Concurrent use of stimulants and second-generation antipsychotics among children with ADHD enrolled in Medicaid. *Psychiatr Serv*. 2015 Apr 1;66(9):404-10. PMID 25828983
58. Yang M[^], Chen H, Johnson ML, Essien EJ, Peters RJ, Abughosh S. Comparison of Diabetes Risk following Smoking Cessation Treatment Using Varenicline vs. Bupropion among Obese Smokers. *Subst Use Misuse*. 2015;50(13):1628-37. doi: 10.3109/10826084.2015.1023457.
59. Yang M[^], Mehta HB[^], Bali V[^], Gupta P[^], Wang X[^], Johnson ML, Aparasu R. Which Risk-Adjustment Index Performs Better In Predicting 30-Day Mortality? – A Systematic Review. *J Eval Clin Pract*. 2015 Apr;21(2):292-9. PMID: 25659330.
60. Bernhardt MB[^], Moffett, B, **Johnson ML**, Tam VH, Thompson P, Garey, KW. Agreement among measurements and estimations of glomerular filtration in children with cancer. *Pediatric Blood and Cancer*. 2015 Jan;62(1):80-4 PMID:25263332
61. Kadakia A[^], Rajan S, Abughosh S, Du XL, **Johnson ML**. CMF-regimen preferred as first-course chemotherapy for older and sicker women with breast cancer: Findings from a SEER-Medicare based population study. *Am J Clin Oncol*. 2015 Apr;38(2):165-73. PMID: 23608830.
62. Wu D, Coselli JS, Johnson ML, LeMaire SA. Hepatopancreaticobiliary values after thoracoabdominal aneurysm repair. *Aorta*, August 2014, Volume 2, Issue 4: 135-142. DOI: <http://dx.doi.org/10.12945/j.aorta.2014.14-015>.
63. Phe K, **Johnson ML**, Palmer H, Tam V. Validation of a model to predict the risk of nephrotoxicity in patients receiving colistin. *Antimicrob Agents Chemother*. 2014 Nov;58(11):6946-8. doi: 10.1128/AAC.03776-14. PMID: 25136012
64. Esse T[^], Serna O, Chitnis AS[^], **Johnson ML**, Fernandez N. Quality Compensation Programs: Are They Worth All the Hype? A Comparison of Outcomes within a Medicare Advantage Heart Failure Population. *JMCP*, 2013 May;19(4):317-24.
65. Patel H[^], Sansgiry SS, **Johnson ML**, Issa A. Consumer's intention to use generic drug discount programs. In press, *Journal of Pharmaceutical Health Services Research*. 2013
66. Mehta HB[^], Rajan SS, Aparasu RR, **Johnson ML***. Application of the Non-linear Blinder-Oaxaca Decomposition to Study Racial/Ethnic Disparities in Anti-Obesity Medication Use in the United States. *Res Social Adm Pharm*. 2013 Jan;9(1):13-26. PMID:22554395

67. Chatterjee S[^], Chen H, **Johnson ML**, Aparasu RR. Comparative risk of cerebrovascular adverse events in community-dwelling older adults using risperidone, olanzapine and quetiapine: a multiple propensity score-adjusted retrospective cohort study. *Drugs Aging*. 2012 Oct;29(10):807-17 PMID 2301858
68. Dwibedi N, Sansgiry SS, Frost CP, Johnson ML, Dasgupta A, Tipton JA, Jacob SM, Shippy AA. Bedside barcode technology: impact on medication administration tasks in an intensive care unit. *Hospital pharmacy* 2012 May; 47(5):360-366.
69. Chitnis A[^], Chen H, Aparasu R, **Johnson ML***. Comparative effectiveness of different angiotensin-converting enzyme inhibitors on the risk of hospitalization in patients with heart failure. *J Comp Eff Res*. 2012 Mar;1(2):195-206. PMID: 2437377
70. **Johnson ML**, Parikh N[^], Kunik ME, Schulz PE, Patel JG[^], Chen H, Aparasu RR, Morgan R. Antihypertensive drug use and the risk of dementia in patients with diabetes mellitus. *Alzheimer's Dement*. 2012 Sep;8(5):437-44. PMID 22521970
71. Hirsch EB, Cottreau JM, Chang KT, Caeiro JP, **Johnson ML**, Tam VH. A Model to Predict Mortality Following *Pseudomonas aeruginosa* Bacteremia. *Diagn Microbiol Infect Dis*. 2012 Jan;72(1):97-102. Epub 2011 Nov 3. PMID: 22056006 [PubMed - in process]
72. Chatterjee S[^], Chen H, **Johnson ML**, Aparasu RR. Risk of falls and fractures in older adults using atypical antipsychotics: a propensity score adjusted retrospective cohort study. *Am J Geriatr Pharmacother*. 2012 Apr;10(2):83-94. PMID: 22306198
73. Desai R[^], Ashton CM, Deswal A, Morgan R, Mehta HB[^], Chen H, Aparasu R, **Johnson ML***. Comparative effectiveness of individual angiotensin receptor blockers on risk of mortality patients with chronic heart failure. *Pharmacoepi and Drug Safety. Pharmacoepidemiol Drug Saf*. 2012 Mar;21(3):233-40. PMID: 21786364 [PubMed - as supplied by publisher]
74. Mehta S[^], Chen H, **Johnson ML**, Aparasu RR. Risk of serious cardiac events in older adults using antipsychotic agents. *Am J Geriatr Pharmacother*. 2011 Apr;9(2):120-32. doi: 10.1016/j.amjopharm.2011.03.004. PMID: 21565711 [PubMed - indexed for MEDLINE]
75. Chitnis A[^], Aparasu RR, Chen H, **Johnson ML***. Effect of Certain Angiotensin-Converting Enzyme Inhibitors on Mortality in Heart Failure: a Multiple Propensity Analysis. *Res Social Adm Pharm*. 2012 Mar-Apr; 8(2):145-56. PMID: 21511540 [PubMed - as supplied by publisher]
76. **Johnson ML**, Chitnis AS[^]. Comparative effectiveness research: guidelines for good practices are just the beginning. *Expert Review of Pharmacoeconomics & Outcomes Research*. 2011 Feb; 11(1):51-7. PMID: 21351858
77. LeMaire SA, Price MD, Parenti JL, **Johnson ML**, Lay AD, Preventza O, Huh J, Coselli JS. Early outcomes after aortic arch replacement by using the y-graft technique. *Annals of Thoracic Surgery*. 2011 Mar;91(3):700-8. PMID: 21352982
78. Mehta S[^], **Johnson ML**, Chen H, Aparasu RR. Risk of cerebrovascular adverse events in

- older adults using antipsychotic agents: a propensity-matched retrospective cohort study. *J Clin Psychiatry*. 2010 Jun;71(6):689-98. PubMed PMID: 20573328.
79. Mehta S[^], Chen H, **Johnson ML**, Aparasu RR. Risk of falls and fractures in older adults using antipsychotic agents: a propensity-matched retrospective cohort study. *Drugs Aging*. 2010 Oct 1;27(10):815-29. doi:10.2165/11537890-000000000-00000. PubMed PMID: 20883062.
 80. Parikh NM[^], Morgan RO, Kunik ME, Chen H, Aparasu RR, Yadav RK[^], Schulz PE, **Johnson ML***. Risk factors for dementia in patients over 65 with diabetes. *Int J Geriatr Psychiatry*. 2010 Oct 4. [Epub ahead of print] PubMed PMID: 20891020.
 81. Murthy SB, Jawaid A, Qureshi SU, Kalkonde Y, Wilson AM, **Johnson ML**, Kunik ME, Schulz PE. Does diabetes mellitus alter the onset and clinical course of vascular dementia? *Behav Neurol*. 2010;23(3):145-51. PubMed PMID: 21098968.
 82. Sharafkhaneh A, Petersen NJ, Yu HJ, Dalal AN, **Johnson ML**, Hanania N. "The burden of COPD in a US Veterans Administration Population: A Retrospective Observational Study." *Int J Chron Obstruct Pulmon Dis*. 2010 May 6;5:125-32. PubMed PMID: 20461144; PubMed Central PMCID: PMC2866562.
 83. Cully JA, **Johnson ML**, Moffett ML, Khan M, Deswal A. "Depression and Anxiety in Ambulatory Patients with Heart Failure." *Psychosomatics*, 50:6, November-December 2009.
 84. Shah K, Qureshi S, **Johnson ML**, Parikh N[^], Schulz PE, Kunik M. Do antihypertensive drugs alter the incidence or severity of dementia? A systematic review. *Am J Geriatr Pharmacother*. 2009 Oct;7(5):250-61. PMID: 19948301 [PubMed - in process]
 85. **Johnson ML**, Petersen LA, Sundaravaradan R, Byrne MM, Hasche J, Osemene NI, Wei II, Morgan R. Medicare drug coverage and use of evidence-based medications in the Veterans Health Administration. *Ann Pharmacother*. 2009 Oct;43(10):1565-75. Epub 2009 Aug 25. PMID: 19706740
 86. Berger M, Atkins D, Mamdani M, **Johnson ML***. Good research practices for comparative effectiveness research: Defining, reporting and interpreting non-randomized studies of treatment effects using secondary data sources: the ISPOR Good Research Practices for Retrospective Database Analysis Task Force Report – Part I. *Value Health*. 2009 Nov-Dec;12(8):1044-52. Epub 2009 Sep 29. PMID: 19793072
 87. Cox E, Martin BC, Van Staa T, Garbe E, Siebert U, **Johnson ML***. Good research practices for comparative effectiveness research: approaches to mitigate bias and confounding in the design of non-randomized studies of treatment effects using secondary data sources: the ISPOR Good Research Practices for Retrospective Database Analysis Task Force Report--Part II. *Value Health*. 2009 Nov-Dec;12(8):1053-61. Epub 2009 Sep 10. PubMed PMID: 19744292.
 88. **Johnson ML**, Crown W, Martin BC, Dormuth CR, Siebert U. "Good research practices for comparative effectiveness research: analytic methods to improve causal inference from non-randomized studies of treatment effects using secondary data sources: the ISPOR Good Research Practices for Retrospective Database Analysis Task Force Report – Part III. *Value Health*. 2009 Nov-Dec;12(8):106201073. Epub 2009 Sep 29. PMID: 19793071

89. El-Serag HB, **Johnson ML**, Hachem C, Morgan RO. Statins are associated with a reduced risk of hepatocellular carcinoma in a large cohort of patients with diabetes. *Gastroenterology*. 2009 May;136(5):1601-8. Epub 2009 Jan 30. PMID: 19208359; PMCID: PMC2677134.
90. Hachem, C, Morgan RO, **Johnson ML**, Kuebeler M, El-Serag HB. Statins and the Risk of Colorectal Carcinoma: A Nested Case-Control Study in Veterans with Diabetes. *Am J Gastroenterology*. 2009 May;104(5):1241-8. Epub 2009 Apr 7
91. Morgan RO, Petersen LA, Hasche JC, Davila J, Byrne MM, Osemene NI, Wei II, **Johnson ML**. VA pharmacy use in veterans with Medicare drug coverage. *Am J Manag Care*. 2009 Mar 16;15(3):e1-8. PMID: 19298095
92. Calleo J[^], Stanley MA, Greisinger A, Wehmanen O, **Johnson ML**, Novy D, Wilson N, Kunik M. Generalized anxiety disorder in older medical patients: diagnostic recognition, mental health management and service utilization. *Journal of Clinical Psychology in Medical Settings*. 2009 Jun;16(2):178-85. Epub 2009 Jan 18.
93. Aparasu RR, Jano E[^], **Johnson ML**, Chen H. Hospitalization Risk Associated with Antipsychotic Use in the Community-dwelling Elderly. *Amer J Geriatr Pharmacother*, 6(4), Oct 2008, 198-204. PubMed PMID: 19028375.
94. Jano E[^], **Johnson ML**, Chen H, Aparasu R. Determinants of atypical antipsychotic use among antipsychotic users in community-dwelling elderly, 1996-2004. *Current Medical Research and Opinion*, 24(3), 2008, 709-716.
95. Jano E[^], Chen H, **Johnson ML**, Aparasu R. "Antipsychotic utilization and expenditure trends among elderly persons. *Psychiatric Services*. 2007 Nov; 58(11):1400. PubMed PMID: 17978248.
96. Ashton CM, Khan MM, **Johnson ML**, Walder A, Stanberry E, Beyth RJ, Collins TC, Gordon HS, Haidet P, Kimmel B, Kolpachi A, Lu LB, Naik AD, Petersen LA, Singh H, Wray NP. "A quasi-experimental test of an intervention to increase the use of thiazide-based treatment regimens for people with hypertension" *Implementation Science*, February 2007, 13; 2-5. PubMed PMID: 17298669; PubMed Central PMCID: PMC1803001.
97. Bush RL, **Johnson ML**, Hedayati N, Henderson WG, Khuri SF, Lin PH, Lumsden AB. "Endovascular aortic aneurysm repair should be performed in high-risk patients: results from the VA National Surgical Quality Improvement Program", *Journal of Vascular Surgery*. February 2007, 45;2; 227-235.
98. **Johnson ML**, Bush RL, Collins TC, Lin PH, Liles DA, Henderson WG, Khuri SF, Petersen LA. "Propensity Score Analysis in Observational Studies: Outcomes following Abdominal Aortic Aneurysm Repair." *Am J Surg*, 2006, Sep; 192(3) 336-43.
99. **Johnson ML**, El-Serag H, Tran T, Hartman C, Richardson P, Abraham NS. "Adapting the Rx-Risk-V for Mortality Prediction in Outpatient Populations." *Medical Care*, August 2006, 44:8; 793-797.
100. Bush RL, **Johnson ML**, Collins TL, Henderson WG, Khuri SF, Yu HJ, Lin PH, Lumsden AB, Ashton CM. "Open versus Endovascular Abdominal

- Aortic Aneurysm Repair in VA Hospitals.” *J American College of Surgeons*, 2006, Apr; 202 (4): 577-587.
101. **Johnson ML**, Pietz K, Battleman D, Beyth RJ. “Therapeutic goal attainment in patients with hypertension and dyslipidemia.” *Medical Care*. 2006 Jan;44:1, 39-46.
 102. Abraham NS, El-Serag H, **Johnson ML**, Richardson P, Ray W, Smalley W. “National adherence to evidence-based guidelines for the prescription of nonsteroidal anti-inflammatory drugs.” *Gastroenterology*, 2005 Oct; 129:1171-1178.
 103. **Johnson ML** and Singh H. “Patterns of antihypertensive therapy among patients with diabetes.” *J Gen Intern Med*. 2005 Sep;20(9) 842-846.
 104. Kelly PA and **Johnson ML**. “Just-in-time IRB review: capitalizing on scientific merit review to improve human subjects research compliance.” *IRB*. 2005 Mar-Apr;27(2):6-10.
 105. Singh H and **Johnson ML**. “Prescribing patterns of diuretics in multi-drug antihypertensive regimens.” *J Clin Hypertens*. 2005 Feb7(2):81-89.
 106. Geraci JM, **Johnson ML**, Gordon HS, Petersen NJ, Shroyer AL, Grover FL, Wray NP. “Mortality after cardiac bypass surgery: prediction from administrative versus clinical data.” *Medical Care*. 2005 Feb;43(2):149-158.
 107. Gordon HS, **Johnson ML**, Wray NP, Petersen NJ, Henderson WG, Khuri SK, Geraci JM. “Mortality after non-cardiac surgery: prediction from administrative versus clinical data.” *Medical Care* 2005 Feb;43(2):159-167.
 108. **Johnson ML**, Pietz K, Battleman DS, Beyth RJ. Prevalence of comorbid hypertension and dyslipidemia and associated cardiovascular disease in the Veterans Affairs healthcare system. *American Journal of Managed Care*, December 2004;10:926-932
 109. Dolson GM, Ellis KJ, **Johnson ML**, Adroge HJ. Incidence and consequences of total body potassium depletion in chronic hemodialysis patients. *Front Biosci*. 2003;a126-a132. May.
 110. **Johnson ML**. “Risk-assessment and adjustment: Adjusting for sick patients or a sick system?” Editorial. *Medical Care*, 2003, 41: 1, 4-7. January.
 111. Gordon HS, **Johnson ML**, Ashton CM, “Process of Care in Hispanic, Black and White Veterans.” *Medical Care*, 2002, 40: 9, 824-833. September.
 112. **Johnson ML**, Gordon HG, Petersen NJ, Wray NP, Shroyer AL, Grover FL and JM Geraci. “Effect of Definition of Mortality on Hospital Profiles”, *Medical Care*, 2002, 40:1, 7-16. January. *With editorial*: Schneider EC. Measuring Mortality Outcomes to Improve Health Care: Rational use of ratings and rankings. *Medical Care*, 40:1, 1-3, 2002.
 113. Collins TC, **Johnson ML**, Daley J, Henderson WG. “Risk Factors for Lower Extremity Non-Traumatic Amputation in Peripheral Arterial Disease: Is Race/Ethnicity an Independent Factor?” *Medical Care*, 2002, 40:1suppl, I-106 – I-116. January

114. Collins TC, Gordon HS, **Johnson ML**, Daley J, Henderson W, Khuri SK. "Preoperative Risk Factors for Thirty-Day Mortality Following Elective Surgery for Vascular Disease: Is Race Important?" *Journal of Vascular Surgery*, 2001; 34:634-640. October.
115. Ashton CM, Kuykendall DH, **Johnson ML** and Wray NP. "An empirical assessment of the validity of explicit and implicit process-of-care criteria for quality assessment." *Medical Care*, 1999, 37: 798-808.
116. Geraci JM, Ashton CM, Kuykendall DH, **Johnson ML**, Soucek J, del Junco D and Wray NP. "The Association of Quality of Care and Occurrence of In-Hospital Treatment-Related Complications", *Medical Care*, 1999; 37:2, 140-148.
117. Williams W, Weiss TW, Edens A, **Johnson ML** and Thornby JI. "Hospital Utilization and Personality Characteristics of Veterans with Psychiatric Problems." *Psychiatric Services*, March 1998: 49: 370-375.
118. Geraci JM, Kuykendall DH, Ashton CM, **Johnson ML** and Wu L. "ICD-9 Codes in Administrative Data are Poor Measures of Complication Occurrence", *Medical Care*, 1997; 35:6; 589-599.
119. Kuykendall DH, Ashton CM, **Johnson ML** and Geraci JM. "Identifying Complications and Low Provider Adherence to Normative Practices Using Administrative Data". *Health Services Research*, 1995; 30:531-554.
120. Kuykendall DH, **Johnson ML** and Geraci JM. "Expected Source of Payment and Use of Hospital Services for Coronary Atherosclerosis." *Medical Care*, 1995; 33(7), 715-728.
121. Geraci JM, Ashton CM, Kuykendall DH, **Johnson ML** and Wu L. "In-Hospital Complications Among Survivors of Admission for Congestive Heart Failure, Chronic Obstructive Pulmonary Disease, or Diabetes Mellitus". *Journal of General Internal Medicine*, 1995; 10: 307-314.
122. Kuykendall DH and **Johnson ML**. "Administrative Databases, Case-Mix Adjustments and Hospital Resource Use: The Appropriateness of Controlling Patient Characteristics". *Journal of Clinical Epidemiology*, 1995; 48(3): 423-430.
123. Ashton CM, Kuykendall DH, **Johnson ML**, Wray NP and Wu L. "The Association between the Process of Inpatient Care and Early Readmission". *Annals of Internal Medicine*, 1995; 122: 415-421.
124. Ashton CM, Kuykendall DH, **Johnson ML**, Wun CC, Wray NP, Slater CH, Carr MJ, Wu L and Bush GRW. "A Method of Developing and Weighting Explicit Process of Care Criteria for Quality Assessment". *Medical Care*, 1994, 32(8): 755-770.
125. Frank ML, Poindexter AN, **Johnson ML** and Bateman L. "Characteristics and Attitudes of Early Contraceptive Implant Acceptors in Texas", *Family Planning Perspectives*, 1992, 24(5): 208-213.
126. Frank ML, Poindexter AN, Villareal G and **Johnson ML**. "Risk Factors for Infection with Human Immunodeficiency Virus among Low-Income Women Undergoing Voluntary

Tubal Sterilization", *Texas Medicine*, 1992, 88(10): 70-74.

ii. **Book chapters**

Bush RL, **Johnson ML**, Henderson WG, Lumsden AB. Endovascular aortic aneurysm repair should be performed in high risk patients: results of the VA NSQIP. In More Vascular and Endovascular Controversies, Roger M. Greenhalgh, ed. 2006.

Johnson ML. Outcomes Research. In Encyclopedia of Medical Decision Making. 2009

Johnson ML. Non-experimental research. In Research Methods for Pharmaceutical Practice and Policy. Rajender R. Aparasu, Ed. 2010.

iii. **Published without review by peer group:**

1. **Johnson ML**. "Pharmacoepidemiology: Methods and Applications in Health Services Research." *Research Monitor*, Houston Center for Quality of Care and Utilization Studies, 11:1, Winter 2002.
2. **Johnson ML**, Beyth R, Richardson P and Yu H. "Lansoprazole Pharmacy Project Final Report – VISN 16" Technical Report 00-03.
3. Ashton CM, Kuykendall DH, **Johnson ML**, Wray NP, Wu L, Carr MJ, and Bush GRW. "Explicit Process of Care Criteria for Patients Hospitalized for Congestive Heart Failure, Chronic Obstructive Pulmonary Disease, or Diabetes Mellitus. Houston Center for Quality of Care and Utilization Studies. Technical Report 94-02.
4. Ashton CM, Kuykendall DH, **Johnson ML**, Wray NP and Wu L. "The Association between the Process of Inpatient Care and Early Readmission", Technical Report 94-01.
5. Weiss TW, Grace S, Huang IW, **Johnson ML** and Petersen NJ. "A Guide to Working with Data Files and Tapes at the Austin Automation Center and at the Houston Center for Quality of Care and Utilization Studies. Technical Report 93-002.
6. **Johnson ML**. "Merging VA Discharge Records with California State Non-VA Discharge Records", *Field Program News*, Houston Center for Quality of Care and Utilization Studies, April 1993.

iv. **Other works communicating research results to scientific colleagues:**

Commentary: Measurement Issues in Large Database Studies, *METRIC Newsletter* (written piece overview of new cyber-seminar series)

Cyber seminar series – Measurement Issues in Large Database Studies (series of 6 internet-based mini-lectures, with voice-over narration)

Health Policy Brief: Pharmacotherapy and Outcomes in Veterans with Chronic Heart Failure, Rice University James A. Baker Institute of Public Policy and Baylor College of Medicine, Division of Health

Policy and Quality (policy brief to researchers and administrators)

II. Abstracts given since 2005:

1. Rege S, Aparasu RR, Johnson ML, Chen H, Carnahan R, Holmes HM. Antipsychotic Drug Use Among A Us National Cohort Of Older Dementia Patients Using Acetylcholinesterase Inhibitors. Value in Health, 2020.
2. Rege S, Aparasu RR, Johnson ML, Chen H, Carnahan R, Holmes HM. Risk Of Falls And Fractures Associated With Concomitant Use Of Acetylcholinesterase Inhibitors And Atypical Antipsychotics Among Older Adults With Dementia. Value in Health, 2020.
3. Earla JR, Hutton GJ, Thornton JD, Chen H, Johnson ML, Aparasu R. Factors Associated With Prescribing Of Oral Fingolimod In Multiple Sclerosis. Value in Health. 2020
4. Earla JR, Hutton GJ, Thornton JD, Chen H, Johnson ML, Aparasu R. Comparative Adherence Trajectories Of Oral Fingolimod And Injectable Disease Modifying Agents In Multiple Sclerosis Value in Health, 2020.
5. Chikermane S, Johnson M. “Stage Distribution at Diagnosis Of Non-Small Cell Lung Cancer (NSCLC) and Geographic Variation in Survival” poster presentation at ISPOR 24th Annual International Meeting, New Orleans, LA, 2019.
6. Kachru N, Chen H, Johnson ML, Holmes HM, Aparasu RR. “Risk of Mortality Associated with Non-Selective Antimuscarinic Use Among Medicare Beneficiaries with Dementia and Overactive Bladder” poster presentation at ISPOR 24th Annual International Meeting, New Orleans, LA, 2019.
7. Kachru N, Chen H, Johnson ML, Holmes HM, Aparasu RR. “Predictors of Antimuscarinic Medication Use Among Elderly Dementia Patients with Overactive Bladder - a Retrospective Study of Medicare Beneficiaries” poster presentation at ISPOR 24th Annual International Meeting, New Orleans, LA, 2019.
8. Vadhariya A, Wei W, Sharma M, Johnson ML. “Real-World Study of Treatment Intensification of Statins in Patients with Uncontrolled Atherosclerotic Cardiovascular Disease (ASCVD)” poster presentation at ISPOR 24th Annual International Meeting, New Orleans, LA, 2019.
9. Sharma M, Holmes HM, Mehta HB, Chen H, Aparasu RR, Giordano SH, Shih YT, Johnson ML. “Concomitant Use of Tyrosine Kinase Inhibitors & Proton Pump Inhibitors in Older Adults with Cancer.” podium presentation at the 2018 Houston Medication Safety Symposium.
10. Kachru N, Chen H, Holmes H, Johnson M, Aparasu RR. “Adverse Outcomes Of Antimuscarinics in Elderly Dementia.” podium presentation at the 2018 Houston Medication Safety Symposium.
11. Vadhariya A, Paranjpe R, Fleming ML, Essien EJ, Johnson ML, Abughosh SM. “Patient-reported Barriers to and Strategies for Improving Patient Adherence.” poster presentation at the 2018 Houston Medication Safety Symposium.

12. Sura SD, Holmes H, Johnson ML, Chen H, Chan W, Aparasu RR. "Antipsychotic Discontinuation among Short-stay Nursing Home Residents with Dementia." poster presentation at the 2018 Houston Medication Safety Symposium.
13. Chekani F, Johnson ML, Chen H, Sherer JT, Holmes HM, Aparasu RR. "Atypical antipsychotic use among long-term care residents with Parkinson's disease and comorbid depression." poster presentation at ISPOR 23rd Annual International Meeting, Baltimore, MD, 2018.
14. Aparasu RR, Chatterjee S, Johnson ML, Chen H, Carnahan R. "Cognitive decline with anticholinergic medication use among elderly nursing home residents with depression." poster presentation at ISPOR 23rd Annual International Meeting, Baltimore, MD, 2018.
15. Bui LN, Swan JT, Perez KK, Chen H, Johnson ML, Rizk E, Colavecchia AC, Graviss EA. "Impact of chlorhexidine bathing on antimicrobial utilization in surgical intensive care unit patients: a secondary analysis of a single-center randomized controlled trial." poster presentation at ISPOR 23rd Annual International Meeting, Baltimore, MD, 2018.
16. Sharma M, Holmes HM, Mehta HB, Aparasu RR, Chen H, Johnson ML. "The prevalence and predictors of concomitant use of tyrosine kinase inhibitors and proton pump inhibitors in older adults with cancer: an observational study using SEER-Medicare data." poster presentation at ISPOR 23rd Annual International Meeting, Baltimore, MD, 2018.
17. Manvi Sharma, Aisha Vadhariya, Michael L Johnson, Zachary A Marcum, Holly M Holmes. "The Association between Payments Made by the Pharmaceutical Industry and Prescriptions for Drugs of Uncertain Medical Benefits to Medicare Part D Beneficiaries." podium presentation at the 2017 Houston Medication Safety Symposium.
18. Meghan S. Karuturi, Sharon S. Giordano, Holly M. Holmes, Michael L. Johnson, Xiudong Lee "Use of STOPP Criteria Medications in Older Breast and Colorectal Cancer Patients." poster presentation at the 2017 Houston Medication Safety Symposium.
19. Sneha D. Sura, Holly M. Holmes, Michael L. Johnson, Hua Chen, Rajender R. Aparasu. "Predictors of Antipsychotic Initiation among Short-Stay Nursing Home Dementia Patients." poster presentation at the 2017 Houston Medication Safety Symposium.
20. Atreja N, Fleming ML, **Johnson ML**, Chen H, Zhivan N, Todd KH. "Impact of long-term opioid medication use on subsequent type 2 diabetes mellitus related hospitalizations", poster presentation at ISPOR 22nd Annual International Meeting, Boston, MA, May 23rd, 2017.
21. Rane P, Guha S, Garey K, Chen H, **Johnson ML**, Aparasu RR. "Risk of Clostridium Difficile infection associated with proton pump inhibitor use among community dwelling adults with gastroesophageal reflux disease", poster presentation at ISPOR 22nd Annual International Meeting, Boston, MA, May 23rd, 2017.
22. Rane P, Guha S, Garey K, Chen H, **Johnson ML**, Aparasu RR. "Risk of pneumonia associated with proton pump inhibitor use among community dwelling adults with gastroesophageal reflux disease", poster presentation at ISPOR 22nd Annual International Meeting, Boston, MA, May 23rd, 2017.

23. Abughosh SM, Fleming ML, **Johnson ML**, Essien EJ, Esse TW, Serna O, Vadhariya A, Boklage S, Choi J. “Using group-based trajectory models to characterize statin medication adherence patterns among patients enrolled in a Medicare Advantage Plan (Map)”, poster presentation at ISPOR 22nd Annual International Meeting, Boston, MA, May 23rd, 2017.
24. Medhekar R, Fujimoto K, Aparasu RR, Bhatara V, **Johnson ML**, Alonzo J, Schwarzwald H, Chen H. “Psychotropic polypharmacy in the treatment of children and adolescents with mental disorders: prevalence and determinants”, poster presentation at ISPOR 22nd Annual International Meeting, Boston, MA, May 23rd, 2017.
25. Sura SD, Holmes HM, **Johnson ML**, Chen H, Wenyaw C, Aparasu RR. “Nursing home antipsychotic prescribing practices and risk of hospitalization and mortality in dementia patients”, poster presentation at ISPOR 22nd Annual International Meeting, Boston, MA, May 23rd, 2017.
26. Sura SD, Holmes HM, **Johnson ML**, Chen H, Wenyaw C, Aparasu RR. “Predictors of antipsychotic initiation among short-stay nursing home dementia patients”, poster presentation at ISPOR 22nd Annual International Meeting, Boston, MA, May 23rd, 2017.
27. Patel J, Dalal A, Stanford R, Aparasu R, Abughosh S, **Johnson ML**. “Using readily available administrative data elements to predict future medication non-adherence among COPD patients with employer-sponsored insurance”, poster presentation at ISPOR 21st Annual International Meeting, Washington, DC, May 23rd, 2016.
28. Sura SD, Bhansali A, Wang X, **Johnson ML**, Aparasu R. “Comparing hospital performance for in-hospital mortality in pneumonia patients using traditional logistic regression and multilevel modeling approach”, poster presentation at ISPOR 21st Annual International Meeting, Washington, DC, May 23rd, 2016.
29. Wang X, Wu I, Chen H, Bordnick P, **Johnson ML**, Essien EJ, Peters R, Abughosh S. “Comparison of suicide attempts/behaviors following smoking cessation treatments among schizophrenic smokers”, poster presentation at ISPOR 21st Annual International Meeting, Washington, DC, May 23rd, 2016.
30. Wu I, Chen H, Bordnick P, Essien EJ, **Johnson ML**, Peters RJ, Wang X, Abughosh S. “Comparative effectiveness of smoking cessation medications among schizophrenic smokers”, poster presentation at ISPOR 21st Annual International Meeting, Washington, DC, May 23rd, 2016.
31. Patel J, Dalal A, Stanford R, Aparasu R, Abughosh S, **Johnson ML**. “Patient-centered outcomes associated with initial maintenance therapy use behavior among chronic obstructive pulmonary disease patients with employer sponsored insurance”, poster presentation at ISPOR 21st Annual International Meeting, Washington, DC, May 23rd, 2016.
32. Wang X, Wu I, Chen H, Bordnick P, Essien EJ, **Johnson ML**, Peters R, Abughosh SM. “Comparison of cardiovascular risks following smoking cessation treatments using Varenicline versus NRT among schizophrenic smokers”, poster presentation at ISPOR 21st Annual International Meeting, Washington, DC, May 24th, 2016.
33. Bali V, Aparasu R, **Johnson ML**, Chen H, Carnahan R. “Risk of mortality associated with use of anticholinergic medications in elderly nursing home residents with depression: a nested case-

control study”, poster presentation at ISPOR 21st Annual International Meeting, Washington, DC, May 24th, 2016.

34. Bali V, Aparasu R, **Johnson ML**, Chen H, Carnahan R. “Comparative Safety of Paroxetine and Other SSRIs For the Risk of Hip Fracture in Elderly Nursing Home Residents with Depression”, poster presentation at ISPOR 21st Annual International Meeting, Washington, DC, May 24th, 2016.
35. Atreja N, Fleming ML, Chen H, **Johnson ML**, Zhivan N, Todd KH. “Impact of long term opioid use on oral antihyperglycemic medication adherence among individuals with type 2 diabetes mellitus: a retrospective database analysis”, poster presentation at ISPOR 21st Annual International Meeting, Washington, DC, May 24th, 2016.
36. Hatfield MD, Sansgiry SS, **Johnson ML**, Essien EJ, Todd KH, Fleming ML. “Rescheduling Hydrocodone combination products: assessing the impact on opioid utilization”, poster presentation at ISPOR 21st Annual International Meeting, Washington, DC, May 24th, 2016.
37. Rane P, Guha S, Garey K, Chen H, **Johnson ML**, Aparasu R. “Cost burden of inappropriate proton-pump inhibitor use among gastroesophageal reflux disease patients”, poster presentation at ISPOR 21st Annual International Meeting, Washington, DC, May 24th, 2016.
38. Sharma M, **Johnson ML**, Vadhariya A, Marcum ZA, Holmes HM. “The association of prescriber characteristics with prescriptions for proton pump inhibitors in the Medicare Part D beneficiaries”, poster presentation at ISPOR 21st Annual International Meeting, Washington, DC, May 24th, 2016.
39. Bali V, Aparasu R, Chen H, **Johnson M**, Carnahan R, Chatterjee S. “Paroxetine use and cognition in elderly nursing home patients with depression”, poster presentation at ISPOR 20th Annual International Meeting, Philadelphia, PA, May 18th, 2015.
40. Sharma M, **Johnson ML**, Chen H, Aparasu R. “Comparative effectiveness of Angiotensin Converting Enzyme Inhibitors and Angiotensin II Receptor Blockers in heart failure”, poster presentation at ISPOR 20th Annual International Meeting, Philadelphia, PA, May 18th, 2015.
41. Chatterjee S, Aparasu R, Carnahan R, Chen H, **Johnson ML**. “Anticholinergic medication use and risk of incident fractures in the elderly with depression”, poster presentation at ISPOR 20th Annual International Meeting, Philadelphia, PA, May 18th, 2015.
42. Yucel A, Ferries EA, Sharma M, **Johnson M**, Aparasu R. “Do different modeling techniques change rankings of hospital performance? : Multilevel Modeling Vs. Standard Logistic Regression”, poster presentation at ISPOR 20th Annual International Meeting, Philadelphia, PA, May 18th, 2015.
43. Sharma M, Ferries EA, Yucel A, **Johnson ML**, Aparasu R. “Patient and hospital-level factors associated with inpatient mortality of stroke patients”, poster presentation at ISPOR 20th Annual International Meeting, Philadelphia, PA, May 20th, 2015.

44. Chatterjee S, Carnahan RM, Holmes HM, Chen H, **Johnson ML**, Aparasu RR. “Risk of falls and fractures associated with anticholinergic medication use in the elderly”, poster presentation at ISPOR 19th Annual International Meeting, Montreal, Canada, June 3rd, 2014.
45. Chatterjee S, Carnahan RM, Chen H, Holmes HM, **Johnson ML**, Aparasu RR. “Use of anticholinergic medications and risk of all-cause hospitalization in the elderly”, poster presentation at ISPOR 19th Annual International Meeting, Montreal, Canada, June 3rd, 2014.
46. Kachru N, Aparasu RR, Carnahan RM, **Johnson ML**. “Inappropriate anticholinergic medication use in the elderly”, poster presentation at ISPOR 19th Annual International Meeting, Montreal, Canada, June 3rd, 2014.
47. Hatfield MD, Kramer MA, **Johnson ML**. “Hematopoietic stem cell transplantation outcomes: logistic regression model development”, poster presentation at ISPOR 19th Annual International Meeting, Montreal, Canada, June 3rd, 2014.
48. Aparasu RR, Chatterjee S, Carnahan RM, Chen H, **Johnson ML**. “Anticholinergic medication use and risk of dementia among elderly nursing home residents with depression”, poster presentation at ISPOR 19th Annual International Meeting, Montreal, Canada, June 3rd, 2014.
49. Bali V, Aparasu RR, **Johnson ML**, Chen H, Carnahan RM. “Risk of dementia associated with the use of Paroxetine among the elderly nursing home patients with depression”, poster presentation at ISPOR 19th Annual International Meeting, Montreal, Canada, June 3rd, 2014.
50. Chatterjee S, Aparasu RR, Carnahan RM, **Johnson ML**, Chen H. “Prevalence of anticholinergic medication use among elderly nursing home residents with depression”, poster presentation at ISPOR 19th Annual International Meeting, Montreal, Canada, June 3rd, 2014.
51. Kachru N, Aparasu RR, Carnahan RM, **Johnson ML**. “Inappropriate anticholinergic medication use in elderly dementia patients”, poster presentation at ISPOR 19th Annual International Meeting, Montreal, Canada, June 3rd, 2014.
52. Bali V, **Johnson ML**, Chen H, Carnahan RM, Aparasu RR. “Characteristics of elderly nursing home residents with depression in the United States”, poster presentation at ISPOR 19th Annual International Meeting, Montreal, Canada, June 3rd, 2013.
53. Yang M, Wang X, Chen H, **Johnson ML**, Essien EJ, Peters RJ, Abughosh S. “Comparative effectiveness of smoking cessation medications to attenuate weight gain following cessation”, podium presentation at ISPOR 19th Annual International Meeting, Montreal, Canada, June 2nd, 2014.
54. Almogbel YS; Aparasu RR, **Johnson ML**. “Comparison of pharmacy-based and diagnosis-based indexes for predicting of the total healthcare expenditure among adult asthmatics”, poster presentation at ISPOR 18th Annual International Meeting, New Orleans, LA, May 20th, 2013.
55. Kamble P; Aparasu RR; Chen H; **Johnson ML**; Abughosh S, Bhatara V. “Concurrent stimulant and atypical antipsychotic use among medicaid children and adolescents with attention deficit/hyperactivity disorder”, poster presentation at ISPOR 18th Annual International Meeting, New Orleans, LA, May 20th, 2013.

56. Kamble P; Aparasu RR; Chen H; **Johnson ML**; Abughosh S, Bhatara V. "Impact of atypical antipsychotic use on the persistence of the stimulant treatment in children and adolescents with attention deficit/hyperactivity disorder", poster presentation at ISPOR 18th Annual International Meeting, New Orleans, LA, May 20th, 2013.
57. Wu IH; **Johnson ML**, Aparasu RR. "Propensity score analysis in MEPS 2003-2010: PCS and MCS scores after migraine treatments", poster presentation at ISPOR 18th Annual International Meeting, New Orleans, LA, May 20th, 2013.
58. Yang M; Chen H; **Johnson ML**; Essien EJ; Peters RJ, Abughosh S. "Comparative effectiveness of smoking cessation medications among obese smokers", poster presentation at ISPOR 18th Annual International Meeting, New Orleans, LA, May 20th, 2013.
59. Abughosh S; Yang M; Chen H; **Johnson ML**; Essien EJ, Peters RJ. "Comparison of risk of time to developing diabetes of smoking cessation medications among obese smokers", poster presentation at ISPOR 18th Annual International Meeting, New Orleans, LA, May 21st, 2013.
60. Mhatre SK; Aparasu RR, **Johnson ML**. "Comparison of diagnosis-based comorbidity indices to predict high cost COPD patients prospectively", poster presentation at ISPOR 18th Annual International Meeting, New Orleans, LA, May 21st, 2013.
61. Kamble P; Aparasu RR; Chen H; **Johnson ML**; Abughosh S, Bhatara V. "Cardiovascular safety of concurrent use of atypical antipsychotic agents and long acting stimulants in children and adolescents diagnosed with attention deficit/hyperactivity disorder", poster presentation at ISPOR 18th Annual International Meeting, New Orleans, LA, May 22nd, 2013.
62. Chitnis AS; **Johnson ML**; Aparasu RR; Chen H; Kunik ME, Schulz PE. "Use of statins and risk of dementia in heart failure", poster presentation at ISPOR 18th Annual International Meeting, New Orleans, LA, May 22nd, 2013.
63. Chitnis AS, **Johnson ML**, Aparasu RR, Chen H, Kunik ME, Schulz PE. "Use of Angiotensin-Converting Enzyme Inhibitors, Angiotensin Receptor Blockers and risk of dementia in heart failure", podium presentation at ISPOR 18th Annual International Meeting, New Orleans, LA, May 20th, 2013.
64. Chitnis AS, **Johnson ML**. "Differences in processes and outcomes of care in elderly hypertensive diabetic patients with and without dementia", podium presentation at ISPOR 17th Annual International Meeting, Washington, DC, June 4, 2012.
65. Patel JG, **Johnson ML**, Aparasu RR. "Comparison of risk adjustment models in predicting disease specific and total health care expenditure for COPD", poster presentation at ISPOR 17th Annual International Meeting, Washington, DC, June 4, 2012.
66. Bali V, **Johnson ML**, Aparasu RR. "Comparison of risk adjustment methods in predicting health care expenditure among children with attention deficit / hyperactivity disorder", poster presentation at ISPOR 17th Annual International Meeting, Washington, DC, June 4, 2012
67. Shah J, Aparasu RR, Birtcher K, **Johnson ML**. "Effect of secondary preventive measures on the health-related quality of life of myocardial infarction patients", poster presentation at ISPOR 17th Annual International Meeting, Washington, DC, June 5, 2012.

68. Mehta HB, Aparasu RR, **Johnson ML**. “Comparison of Charlson, Elixhauser and HRQoL-CI risk adjustment measures in predicting health-related quality of life in heart failure patients”, poster presentation at ISPOR 17th Annual International Meeting, Washington, DC, June 5, 2012.
69. Shah J, Aparasu RR, Birtcher K, **Johnson ML**. “Prevalence and determinants of pharmacotherapy in myocardial infarction patients”, poster presentation at ISPOR 17th Annual International Meeting, Washington, DC, June 5, 2012.
70. Shah A, Chen H, Rajan S, **Johnson ML**. “Impact of long acting insulin agents on health-related quality of life (HRQoL), health care expenditures and utilization”, poster presentation at ISPOR 17th Annual International Meeting, Washington, DC, June 5, 2012.
71. Patel HK, Aparasu RR, **Johnson ML**. “Comparative performance of comorbidity measures to risk-adjust health related quality of life in diabetes patients”, poster presentation at ISPOR 17th Annual International Meeting, Washington, DC, June 5, 2012.
72. Gupta P, Aparasu RR, **Johnson ML**. “Do we need a gender-specific health related quality of life – comorbidity index?”, poster presentation at ISPOR 17th Annual International Meeting, Washington, DC, June 5, 2012.
73. Kadakia A, Rajan SS, Du X, **Johnson ML**. “Predictors of Methotrexate containing chemotherapy in women diagnosed with early stage breast cancer”, poster presentation at ISPOR 17th Annual International Meeting, Washington, DC, June 6, 2012.
74. **Johnson ML**, Mehta S, Chitnis AS, Bhowmik D, Dwibedi N, Kamble P. “Performance of different comorbidity measures in predicting healthcare expenditure in patients with dementia”. ISPOR 2011, Baltimore, MD. Winner Best Podium presentation.
75. Mehta HB, Rajan SS, Aparasu RR, **Johnson ML**. “Application of the non-linear Blinder-Oaxaca decomposition to study racial/ethnic disparities in anti-obesity medication use”. ISPOR 2011, Baltimore, MD
76. Mehta HB, Rajan SS, Aparasu RR, **Johnson ML**. “National trends in anti-obesity medication use from 2002 to 2007”. ISPOR 2011, Baltimore, MD
77. Patel JG, Shah A, Rajan SS, Aparasu RR, **Johnson ML**. “Impact of obesity on age-specific prevalence of chronic diseases in the United States”. ISPOR 2011, Baltimore, MD
78. Patel JG, Aparasu RR, Rajan SS, **Johnson ML**. “Factors leading to high health care expenditure among obese individuals in the United States”. ISPOR 2011, Baltimore, MD
79. Johnson ML, Parikh R, Rajan SS, Aparasu R. “Effect of ACE inhibitors and ARB on health-related quality of life in patients with hypertension and diabetes”. ISPOR 2011, Baltimore, MD
80. Makhija D, Sansgiry S, **Johnson ML**, Essien EJ. “Pharmacists’ attitude and preparedness regarding the issue of escalating pharmaceutical demand due to the aging baby boomers”. ISPOR 2011, Baltimore, MD

81. Chatterjee S, Chen H, **Johnson ML**, Aparasu RR. "Risk of falls and fractures in older adults using atypical antipsychotics- a multiple propensity score adjusted retrospective cohort study". ISPOR 2011, Baltimore, MD
82. Bhowmik D, Mehta S, Chitnis A, Dwibedi N, Kamble P, **Johnson ML**. "Performance of risk adjustment scales in predicting risk of hospitalization among dementia patients: A MEPS Study". ISPOR 2011, Baltimore, MD
83. Chitnis A, Bhowmik D, Dwibedi N, Mehta S, Kamble P, **Johnson ML**. "Comparison of different comorbidity measures for predicting physical and mental health in dementia". ISPOR 2011, Baltimore, MD
84. Chitnis AS, **Johnson ML**. "Multiple propensity score analysis to estimate treatment effects in patients with heart failure". ISPOR European Congress, Madrid, Spain, Monday, 7 November 2011
85. Mehta HB, **Johnson ML**. "Rural - urban differences in fatalistic beliefs about cancer prevention". ISPOR European Congress, Madrid, Spain, Tuesday, 8 November 2011.
86. Abhishek Chitnis, Hua Chen, Rajender R. Aparasu, **Michael L. Johnson**. "Do angiotensin-converting enzyme inhibitors all provide the same outcome benefits in patients with heart failure?" DIA, Washington-DC June 2010
87. Abhishek Chitnis, Hua Chen, Rajender R. Aparasu, **Michael L. Johnson**. "Comparing binary propensity score analysis with multiple propensity score approach among patients with chronic heart failure." ISPOR, Atlanta May 2010
88. Dwibedi N., Sansgiry S.S., Frost C.P., Dasgupta A., Doan T.T., **Johnson M.L.**, Tipton J.A., Jacob S.M., Schanafelt C.D. and Shippy A.A. "Implementation of bedside barcode medication administration in an intensive care unit: a randomized comparative time and motion study evaluating efficiencies in nursing tasks." American Pharmacists Association Annual Meeting & Exposition (APhA), Washington, DC, March 2010.
89. Sansgiry S.S., Dwibedi N., Frost C.P., Dasgupta A., Doan T.T., **Johnson M.L.**, Tipton J.A., Jacob S.M., Schanafelt C.D., Shippy A.A. "Outcomes of bedside-barcode technology intervention on medication administration time in an intensive care unit." ISPOR (ISPOR) 15th Annual International Meeting, Atlanta, GA, May 2010.
90. Mehta S, Aparasu R, Chen H, **Johnson ML**. "Comparison of different propensity score matching methods in antipsychotic users". (Podium Presentation) ISPOR (ISPOR) 15th Annual International Meeting, Atlanta, GA, May 2010.
91. Abhishek Chitnis, Jeetvan Patel, Hua Chen, Rajender R. Aparasu, **Michael L. Johnson**. "Effect of individual angiotensin-converting enzyme inhibitors on hospitalization in heart failure". Kelsey, Houston Dec 2009
92. Dwibedi N., Sansgiry S.S., Frost C.P., Dasgupta A., Doan T.T., **Johnson M.L.**, Tipton J.A., Jacob S.M., Schanafelt C.D. and Shippy A.A. "Evaluating factors associated with medication administration time in an intensive care unit". 10th Annual Health Services and Outcomes Research Conference, Kelsey Research Foundation, Houston, TX, December 2009

93. **Johnson ML**, Desai R, Morgan R, Ashton CM, Deswal A, Chen H, Aparasu RR. “A marginal structural model to compare the effectiveness of individual angiotensin receptor blockers in veterans with chronic heart failure”. International Society for Pharmacoeconomic and Outcomes Research (ISPOR) 12th Annual European Congress to be held in Paris, France, October 24-27, 2009.
94. Desai R. **Johnson ML**. “Marginal structural models for comparing the effectiveness of multiple treatments in observational studies”. International Society for Pharmacoeconomic and Outcomes Research (ISPOR) 12th Annual European Congress to be held in Paris, France, October 24-27, 2009.
95. Yadav RK, Agarwal SJ, Desai RJ, Chitnis AS, Chen H, Morgan RO, **Johnson ML**. “Effect of ACE inhibitors and ARB on incidence of renal disease in elderly patients with diabetes”. Poster presentation at the 14th Annual International Meeting, ISPOR, Orlando, FL May 16-20, 2009.
96. Shah D, Agarwal SJ, Ashton C, **Johnson ML**. “Association between pharmacy treatment and outcomes in patients with chronic heart failure”. Poster presentation at the 14th Annual International Meeting, ISPOR, Orlando, FL May 16-20, 2009.
97. Agarwal SJ, **Johnson ML**. “Effect of ace inhibitors/arbs and statins on the incidence of dementia, in patients with chronic heart failure”, Poster presentation at the 14th Annual International Meeting, ISPOR, Orlando, FL May 16-20, 2009.
98. Agarwal SJ, **Johnson ML**. “The association of co-medications and co-morbidities and risk of dementia, in patients with chronic heart failure”, Poster presentation at the 14th Annual International Meeting, ISPOR, Orlando, FL May 16-20, 2009.
99. Agarwal SJ, Sansgiry S, **Johnson ML**. “An economic analysis comparing three combinations of tumor necrosis factor-alpha agents for the treatment of rheumatoid arthritis”, Poster presentation at the 14th Annual International Meeting, ISPOR, Orlando, FL May 16-20, 2009.
100. Chen H, Chaudhuri S, Aparasu RR, **Johnson ML**. “Out of pocket psychotropic prescription burden on elderly Medicare beneficiaries before and after the implementation of Medicare Part D”. Podium presentation at the 14th Annual International Meeting, ISPOR, Orlando, FL May 16-20, 2009.
101. Chen H, Obajuluwa T, **Johnson ML**, Aparasu RR. “The effect of Medicare part D on inappropriate psychotropic medication use in the elderly”. Poster presentation at the 14th Annual International Meeting, ISPOR, Orlando, FL May 16-20, 2009.
102. **Johnson ML**, Parikh N, Kunik M, Schulz P, Chen H, Aparasu RR, Yadav RK, Morgan R. “Anti-hypertensive drug use and risk of dementia in patients with diabetes”, Podium presentation at the 14th Annual International Meeting, ISPOR, Orlando, FL May 16-20, 2009.
103. Parikh N, Morgan R, Kunik M, Schulz P, Chen H, Aparasu RR, **Johnson ML**. “Risk factors for dementia in elderly patients with diabetes mellitus”. Poster presentation at the 14th Annual International Meeting, ISPOR, Orlando, FL May 16-20, 2009.

104. Parikh N, Shah D, Deswal A, Ashton CM, Agarwal SJ, Chen H, **Johnson ML**. "The association of aspirin use on risk of hospitalization in CHF patients taking ace inhibitors: a retrospective analysis of a national cohort of veterans". Poster presentation at the 14th Annual International Meeting, ISPOR, Orlando, FL May 16-20, 2009.
105. Desai R, Chen H, Morgan R, **Johnson ML**. "Comparative effectiveness of individual ARBs in patients with CHF". Poster presentation at the 14th Annual International Meeting, ISPOR, Orlando, FL May 16-20, 2009.
106. Chitnis A, Sharma M, Yadav RK, Chen H, Aparasu R, **Johnson ML**. "Comparative effectiveness of individual angiotensin-converting enzymes in patients with chronic heart failure". Poster presentation at the 14th Annual International Meeting, ISPOR, Orlando, FL May 16-20, 2009.
107. Sharma M, Chitnis A, **Johnson ML**. "Comparative effectiveness of angiotensin II receptor blockers and angiotensin converting enzyme inhibitors in heart failure using propensity score analysis". Poster presentation at the American Pharmacists Association, San Antonio, TX April 3-6, 2009.
108. Shah D, Agarwal SJ, **Johnson ML**. "Association between pharmacy treatment and outcomes in patients with chronic heart failure". Poster presentation at the 9th Annual Kelsey Health Services and Outcomes Research Conference, Houston, TX December 3, 2008.
109. Desai R, Sharma M, **Johnson ML**. "Comparative effectiveness of individual ARBs in patients with CHF". Poster presentation at the 9th Annual Kelsey Health Services and Outcomes Research Conference, Houston, TX December 3, 2008.
110. Yadav RK, Sharma M, **Johnson ML**. "Comparative effectiveness of individual angiotensin converting enzyme inhibitors in patients with CHF". Poster presentation at the 9th Annual Kelsey Health Services and Outcomes Research Conference, Houston, TX December 3, 2008.
111. Sharma M, Chitnis A, **Johnson ML**. "Comparative effectiveness of angiotensin II receptor blockers and angiotensin converting enzyme inhibitors in heart failure using propensity score analysis". Poster presentation at the 9th Annual Kelsey Health Services and Outcomes Research Conference, Houston, TX December 3, 2008.
112. Sharma M, Deswal A, Henderson L, Desai R, Chitnis A, Petersen N, Ashton C and **Johnson ML**. "Effectiveness of combined beta-blocker and ACEI or ARB therapy in chronic heart failure" podium presentation at the 13th Annual International Meeting, ISPOR, Toronto, Canada, May 3, 2008.
113. Shah DH, Agarwal S, **Johnson ML**. "Cost-Effectiveness studies in heart failure: An update of literature." Poster presentation at the 13th Annual International Meeting, ISPOR, Toronto, Canada, May 3, 2008.
114. Parikh NM, Singh H, Ashton C, Sharma M, Yadav R, Walder A, **Johnson ML**. "Patterns of diuretic use in multi-drug anti-hypertensive regimens in the post ALLHAT era" poster presentation at the 13th Annual International Meeting, ISPOR, Toronto, Canada, May 3, 2008.
115. Shah DH, Parikh NM, Kamble PS, Chen H, **Johnson ML**. "Can two A's result in a failure? Effect of aspirin on the risk of heart failure hospitalizations in CHF patients on ACE

- inhibitors.” Podium presentation at the 13th Annual International Meeting, ISPOR, Toronto, Canada, May 3, 2008.
116. Parikh N, **Johnson ML**, Morgan R, Kunik M. Anti-hypertensive medication use and dementia in patients with diabetes.” Poster presentation at the DIA 44th Annual Meeting in Boston, Massachusetts June 22-26, 2008.
 117. **Johnson ML**, Asche C, Cummins G. “ISPOR Digest of International Databases,” presented at the 10th Annual European Congress, ISPOR, Dublin, Ireland, October 22, 2007.
 118. Calleo J, Stanley M, Greisinger AJ, Wehmanen O, Bell A, **Johnson ML**, Kunik M. “Health Service Utilization in Older Adults with Generalized Anxiety Disorder,” presented at the 8th Annual health services and outcomes research conference, Kelsey Seybold, Houston, TX, November 2007.
 119. Jano E, Chen H, **Johnson ML**, Aparasu RR. “Short-term healthcare impact of atypical anti-psychotic use in the elderly,” presented at the 8th Annual health services and outcomes research conference, Kelsey Seybold, Houston, TX, November 2007.
 120. **Johnson ML**, Henderson L, Ashton CM, Petersen N, Yu H, Shah D, Moffett M, Deswal A. “Evidence-based treatment for chronic heart failure: trends of medication use and outcomes in the VA,” presented at the 8th Annual health services and outcomes research conference, Kelsey Seybold, Houston, TX, November 2007.
 121. Shah D, Ashton CM, **Johnson ML**. “Cost-Effectiveness studies in heart failure: an update of the literature,” presented at the 8th Annual health services and outcomes research conference, Kelsey Seybold, Houston, TX, November 2007.
 122. **Johnson ML**, Parikh N, Singh H, Sharma M, Walker A, Khan M, Ashton CM. “Patterns of diuretic use in multi-drug anti-hypertensive regimens in the post-ALLHAT era,” presented at the 8th Annual health services and outcomes research conference, Kelsey Seybold, Houston, TX, November 2007. First place, Effectiveness category.
 123. Berrios-Rivera JP, **Johnson ML**, Huston DP, Suarez-Almazor ME. “Trends in biologics utilization in a large cohort of patients with rheumatoid arthritis, presented at the American College of Rheumatology Annual Meeting, November 2006.
 124. Morgan R, Hasche J, Osemene N, Byrne M, Sundaravaradan R, Wei I, Petersen L, **Johnson ML**. “Use of Pharmacy services by Medicare-enrolled veterans,” presented at the AcademyHealth Annual meeting, Seattle, WA, June 2006.
 125. **Johnson ML**, Byrne M, Hasche J, Osemene N, Petersen L, Sundaravaradan R, Wei I, Morgan R. “Does Medicare-related pharmacy coverage affect VA pharmacy use?” presented at the AcademyHealth national meeting, Seattle, WA, June 2006.
 126. Berrios-Rivera JP, **Johnson ML**, Huston DP, Suarez-Almazor ME. “Disparities in the use of biologic therapies for the treatment of RA”, to be presented at the European League Against Rheumatism Annual Congress (EULAR), Amsterdam, Netherlands, June 2006.
 127. Berrios-Rivera JP, **Johnson ML**, Huston DP, Suarez-Almazor ME. “Trends in biologics

utilization in a large cohort of RA patients”, to be presented at the European League Against Rheumatism Annual Congress (EULAR), Amsterdam, Netherlands, June 2006.

128. Bush RL, Hedayati N, **Johnson ML**, Henderson WG, Khuri SF, Lin PH, Lumsden AB. “Endovascular aortic aneurysm repair should be performed in high-risk patients: results from the VA National Surgical Quality Improvement Program”, plenary presentation at the 60th annual meeting for Society of Vascular Surgery, Philadelphia, Pennsylvania, June 1-4, 2006.
129. **Johnson ML**, Henderson L, Yu H, Campbell J, Moffett M, Petersen N, Espadas D, Deswal A. “Pharmacotherapy and Outcomes Among Veterans with Chronic Heart Failure (2000-2002).” Presented at the 8th Annual European Congress, Florence Italy, November 2005.
130. Morgan R, Hasche J, Osemene N, Byrne M, Sundaravaradan R, Wei I, Petersen L, **Johnson ML**. “Use of Pharmacy services by Medicare-enrolled veterans.” Presented at the 8th Annual European Congress, Florence Italy, November 2005.
131. **Johnson ML**, Byrne M, Hasche J, Osemene N, Petersen L, Sundaravaradan R, Wei I, Morgan R. “Identifying Medicare-enrolled veterans with multiple chronic conditions – using Medicare or VA or both?” Presented at the AcademyHealth national meeting, Boston, Massachusetts, June 26, 2005.
132. Morgan R, Hasche J, Osemene N, Byrne M, Sundaravaradan R, Wei I, Petersen L, **Johnson ML**. “Use of Pharmacy services by Medicare-enrolled veterans.” Presented at the AcademyHealth national meeting, Boston, Massachusetts, June 26, 2005.
133. **Johnson ML**, Henderson L, Petersen N, Espadas D, Yu H, Campbell J, Moffett M, Deswal A. “Trends in Pharmacy Use Among Veterans with Chronic Heart Failure (1999-2003)” Presented at the 10th annual ISPOR meeting, Washington, DC, May 17, 2005 and at 23rd Annual VA Health Services Research Development Meeting, Baltimore, Maryland, February 17, 2005.
134. Morgan R, Hasche J, Osemene N, Byrne M, Sundaravaradan R, Wei I, Petersen L, Johnson ML. “Use of Pharmacy services by Medicare-enrolled veterans.” Presented at the Academy Health national meeting, Boston, Massachusetts, June 26, 2005.
135. **Johnson ML**, Henderson L, Petersen N, Espadas D, Yu H, Campbell J, Moffett M, Deswal A. “Trends in Pharmacy Use Among Veterans with Chronic Heart Failure (1999-2003)” Presented at the 10th annual ISPOR meeting, Washington, DC, May 17, 2005 and at 23rd Annual VA Health Services Research Development Meeting, Baltimore, Maryland, February 17, 2005.
136. Hasche J, Yu, H, Moffett M, Petersen N, Henderson L, Espadas D, Deswal A, **Johnson ML**. “Patterns in Inpatient, Ambulatory and Pharmacy Costs in Veterans with Chronic Heart Failure” Oral presentation at the 23rd Annual VA Health Services Research Development meeting, Baltimore, Maryland, February 17, 2005.
137. **Johnson ML**, Abraham N, Richardson P, Hartman C, El-Serag. “A New Pharmacy-based Measure of Comorbidity for Use in Outpatient Populations” Oral presentation at the 23rd Annual VA Health Services Research Development meeting, Washington, DC, February 18, 2005.
138. **Johnson ML**, Henderson L, Campbell J, Moffett M, Petersen N, Yu H, Espadas D, Deswal A. “Trends in Pharmacy Use Among Veterans with Chronic Heart Failure (1999-2002)” Oral presentation at the 23rd Annual VA Health Services Research Development meeting,

Washington, DC, March 2005.

I. SERVICE

I. UNIVERSITY OF HOUSTON

Currently Active

- Chair, Graduate Education Committee, Department of Pharmaceutical Health Outcomes and Policy, Oct 2018-present.
- Member, Executive Council Leadership, University of Houston, College of Pharmacy, Oct 2018-present.
- Member, Faculty Development Committee, College of Pharmacy, Fall 2016- present.
- Member, Faculty Advisory Council, College of Pharmacy, Fall 2021 – present.
- Member, PharmD Student Affairs Committee, College of Pharmacy, Sep 2019-present.

Past Completed

- Member, PharmD Assessment Committee, College of Pharmacy, Sep 2015-2021.
- Member, Institutional Review Board 3, University of Houston, Sep 2016-Aug 2019. Oversees all student research at University of Houston.
- Chair, Finance Committee Standard, AACCP Self-Study, College of Pharmacy, Fall 2015-2017.
- Member, Graduate Education Committee, Department of Pharmaceutical Health Outcomes and Policy, Sep 2014-2018.
- Chair, Promotion and Tenure Committee, College of Pharmacy, June 2014 – May 2015.
- Chair, Mid-Year Tenure Review Committee, Susan Abughosh, PhD, University of Houston, 2014-2015.
- Chair, Mid-Year Tenure Review Committee, Marc Fleming PhD, University of Houston, 2015.
- Chair, PhD Admission and Assessment Committee, College of Pharmacy, Department of Pharmaceutical Health Outcomes and Policy, 2010-2014.
- Member, Graduate and Professional Studies Council, University of Houston, 2010-2013.
- Member, Budget Advisory Committee, College of Pharmacy, 2010.

Michael L. Johnson, PhD

- Member, Finance Committee Standard, AACCP Self-Study, College of Pharmacy, Fall 2009-2010.
- Member, Health Professions Advisory Committee, University of Houston, Fall 2009-2012.
- Member, Post-Tenure Review Committee, College of Pharmacy, Fall 2009-2012.
- Member, Faculty Advisory Council, College of Pharmacy, Fall 2009-2014.
- Member, Admission Committee, College of Pharmacy, Department of Clinical Sciences and Administration, 2009-2010.
- Member, Assessment Committee, College of Pharmacy, Fall 2008-2010.
- Chair, Search Committee for New Faculty, College of Pharmacy, Department of Clinical Sciences and Administration, Spring 2008 – December 2009.
 - Hired Suja Rajan, PhD, March 2009, Assistant Professor.
 - Hired Amalia Issa, PhD, June 2009, Associate Professor.
 - Hired Susan Abughosh, PhD, December 2009, Assistant Professor.
- Member, Faculty Grievance Committee, College of Pharmacy, Fall 2007-2011.
- Member, Awards Subcommittee, Faculty Advisory Council, College of Pharmacy, Spring 2007.
- Member, PhD Program Development Committee, College of Pharmacy, Department of Clinical Sciences and Administration, May 2006-Sep 2009.

BAYLOR COLLEGE OF MEDICINE

- Member, Search Committee for Statisticians, October 2003–December 2005.
 - Selected, hired: Myrna Khan, PhD, November 2004.
- Chair, Search Committee for Psychometricians, July 2003–December 2003.
 - Selected, hired: Michael Kallen, PhD, January 2004
 - Selected, hired: David Kuykendall, PhD (Director of METRIC), March 2004.
- Chair, Search Committee for Economist, Houston Center for Quality of Care and Utilization Studies, July 2001–June 2003.
 - Selected, hired: Mark Moffett, PhD, July 2003.
- Member, Research Excellence Initiative Performance Evaluation Team, Houston Center for Quality of Care and Utilization Studies, July 2001–Dec 2002.
- Chair, Team Leader Advisory Council, Houston Center for Quality of Care and Utilization Studies, December 2000–2002.
- Member, Planning Committee for Robert Wood Johnson Clinical Scholars Training Program

Michael L. Johnson, PhD

application, 2002.

- Chair, Middle Management Committee, Houston Center for Quality of Care and Utilization Studies, October 1999–May 2001
- Member, Strategic Planning Committee, Houston Center for Quality of Care and Utilization Studies, Summer 1999-2003.

MICHAEL E. DEBAKEY VA MEDICAL CENTER

- Member, Pharmacy and Therapeutics Committee, July 2003–2006.
- Member, Pharmacy and Therapeutics sub-committee for Costs, October 2001–June 2003.
- Lead, Revised Medical Care Group for Target Allowance FY04, Houston VAMC, 2003. Development of new method to group Houston VAMC for comparison to similar hospitals on performance measures to allocate annual budget.
- Member, National Committee for Quality Assurance IRB site visit workgroup, Houston VAMC, 2002.
- Member, Executive Leadership Council- Houston VAMC, 2001–2002.
- Member, Strategic Planning Implementation Team, Research Service Line, Houston VAMC, 2000.
- Contracting Officer's Technical Representative, Houston VA Medical Center, 2000–2001: Lease, between Texas Medical Center and the United States of America, for 25,000 sq. ft. general office space at 6803 Almeda. 5 Years, \$375,000 per year.

J. OTHER INFORMATION NOT GIVEN ABOVE:

- Volunteer, Hermann Park Conservancy, 2012-present.
- Member, St. Stephens Episcopal Church, 1992-2012.
- Member, Palmer Memorial Episcopal Church, 2012-present.
- KUHF Contributor 1992-present.
- Interests: Sports and outdoors, arts and leisure, music, creative writing