

**Kalyani B. Sonawane, Ph.D.**

Clinical Assistant Professor

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**EMPLOYMENTS**

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August 2016 – Present	University of Florida, Gainesville, FL Clinical Assistant Professor Department of Health Services Research, Management and Policy
August 2015 – August 2016	HealthCore (Anthem BlueCross BlueShield), Wilmington, DE Health Outcomes Researcher Life Sciences Research
August 2010 – August 2015	Auburn University, Auburn, AL Graduate Assistant Department of Health Outcomes Research and Policy

**ADMINISTRATIVE APPOINTMENTS**

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February 2017-Present	PhD Program Director, Department of Health Services Research, Management and Policy, University of Florida
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**EDUCATION**

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Ph.D.	Health Outcomes and Policy (Minor: Statistics) Auburn University, AL, USA (2015)
BS	Pharmacy University of Pune, MH, India (2010)

**HONORS AND AWARDS**

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- HealthCore Values in Action Award, 2015
- Best poster award finalist, ISPOR 20th annual international meeting, 2015
- Graduate School Travel Award, Auburn University, 2015
- Dean’s Travel Award, Harrison School of Pharmacy, Auburn University, 2014
- Don Tillery Fellowship, Harrison School of Pharmacy, Auburn University, 2013
- President, Auburn University ISPOR students chapter, 2013
- Outstanding International Graduate Student, Auburn University, 2012
- Vice-president, Auburn University ISPOR student chapter, 2012
- Graduate School Travel Award, Auburn University, 2011
- Secretary, Auburn University Indian Student Association, 2011

- Cultural Committee member, Auburn University Indian Student Association, 2010
- Academic Scholarship, Auburn University, 2010-2015

### MPH STUDENT ADVISER

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- Luciani Dana (2017)
- Stone Marissa (2018)

### PHD STUDENT ADVISER

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- Charles Hobson (Dissertation committee member)
- Ivana Vaughn (Dissertation committee member)

### PEER-REVIWED PUBLICATIONS

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1. **Sonawane Deshmukh K**, Qian J, Garza KB, Wright BM, Zeng P, Ganduglia Cazaban CM, Hansen RA. Healthcare costs following modification of first-line monotherapy—A comparative analysis of titrating, adding, and switching antihypertensive drug. *Journal of Managed Care and Specialty Pharmacy. In-press*
2. Deshmukh AA, Tanner RJ, Luetke MC, Hong Y, **Sonawane K**, Mainous III AG. Prevalence and risk of penile HPV infection: Evidence from The National Health and Nutrition Examination Survey 2013-14. *Clinical Infectious Diseases. In-press*
3. **Sonawane Deshmukh K**, Qian J, Garza KB, Wright BM, Zeng P, Ganduglia Cazaban CM, Hansen RA. Achieving Adherence After First-Line Antihypertensive Treatment: Should Fixed-Dose Combinations Receive Priority? *Journal of Clinical Hypertension*. 2016. DOI: 10.1111/jch.12799.
4. **Sonawane K**, Qian J, Garza KB, Wright BM, Zeng P, Ganduglia Cazaban CM, Hansen RA. Patterns of treatment modification among newly treated hypertensive patients: Does choice of modification strategy affect the likelihood of treatment discontinuation? *Journal of Hypertension*. 34(3):548-557. 2016. DOI: 10.1097/HJH.0000000000000806.
5. **Sonawane K**, Qian J, Hansen RA. Utilization patterns of antihypertensive drugs among the chronic kidney disease population in the US: A cross-sectional analysis of the National Health and Nutrition Examination Survey. *Clinical Therapeutics*. 2014. 37(1):188-96 DOI: 10.1016/j.clinthera. 2014.11.011.
6. Richard A Hansen, Peng Zeng, Patrick Ryan, Juan Gao, **Kalyani Sonawane**, Benjamin Teeter, Kimberly Westrich, Robert Dubois. Exploration of heterogeneity in distributed research network drug safety analyses. *Research Synthesis Methods*. 2014; 5(7): 352-370 DOI: 10.1002/jrsm.1121.
7. Eiland LS, **Sonawane K**. Vancomycin Dosing in Healthy Weight, Overweight and Obese Pediatric Patients. *Journal of Pediatric Pharmacology and Therapeutics*. 2014; 19(3):182-8.

## MANUSCRIPTS UNDER REVIEW

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1. **Sonawane Deshmukh K**, Deshmukh AA, Segal MS. Antihypertensive Therapy, Pulse Pressure, and Stroke: Evidence from the SPRINT-POP Data. Under Review.
2. **Sonawane K**, Dutcher S, Hansen RA. Serious Adverse Drug Events Reported to the Food and Drug Administration (FDA): Analysis of the FDA Adverse Event Reporting System (FAERS) 2006-2014 Database. Under Review.
3. Kern DM, Chang L, **Sonawane K**, Larmore CJ, Boytsov NN, Quimbo RA, Singer J, Hinton JT, Araujo AB. Treatment patterns of newly diagnosed rheumatoid arthritis patients from a commercially insured population. Under Review.
4. Kern DM, Chang L, **Sonawane K**, Larmore CJ, Boytsov NN, Quimbo RA, Singer J, Hinton JT, Araujo AB. Treatment Patterns among Patients with Psoriasis using a Large National Payer Database: A Retrospective Study. Under Review.

## PRESENTATIONS AND ABSTRACTS

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1. **Kalyani Sonawane Deshmukh**, Natalie Silver, Ashish Deshmukh. Quality of Dietary Intake and Cancer-specific Mortality Among Patients Diagnosed with Cancer. 2016. University of Florida Health Cancer Center Research Day, University of Florida, Gainesville, FL, USA
2. Mwangi J Murage, David M Kern, **Kalyani Sonawane**, William N Malatestinic, Talia M Muram, Ralph A Quimbo, Andre B Araujo. Treatment Patterns Among Psoriasis Patients from a Large National Payer Database: A Retrospective Study. 2016. Academy of Managed Care Pharmacy, National Harbor, MD, USA
3. **Kalyani Sonawane**, Jingjing Qian, Kimberly Garza, Peng Zeng, Bradley Wright, Cecilia Ganduglia Cazaban, Richard Hansen. Patterns of Treatment Modifications in Newly Treated Hypertensive Patients: Does Choice of Modification Strategy Affect Likelihood of Treatment Discontinuation? 2015. The ISPOR 20th Annual International Meeting, Philadelphia, PA, USA
4. **Kalyani Sonawane**, Jingjing Qian, Richard Hansen. Serious Adverse Drug Events Reported to the Food and Drug Administration (FDA): Analysis of the FDA Adverse Event Reporting System (FAERS) 2006-2011 Database. 2015. The ISPOR 20th Annual International Meeting, Philadelphia, PA, USA (Best poster award finalist)
5. **Kalyani Sonawane**, Jingjing Qian, Richard Hansen. Serious Adverse Events Reported to the Food and Drug Administration- 2006-2011. 2014. Southern Pharmacy Administration Conference, Oklahoma City, OK, USA
6. **Kalyani Sonawane**, Richard Hansen. Use of Antihypertensive Drugs in the Advanced Stage Chronic Kidney Disease Population in the United States. 2013. The ISPOR 18th Annual International Meeting, New Orleans, LA, USA

7. Richard A Hansen, Peng Zeng, Patrick Ryan, Juan Gao, **Kalyani Sonawane**, Benjamin Teeter, Kimberly Westrich, Robert Dubois. Exploration of Heterogeneity in Distributed Research Network Drug Safety Analyses. 2013. The ISPOR 18th Annual International Meeting, New Orleans, LA, USA
8. Ashish A. Deshmukh, Ariel Chen, **Kalyani Sonawane**, Scott B. Cantor. The Use of DALYs and QALYs in Outcomes Analysis. 2013. The ISPOR 18th Annual International Meeting, New Orleans, LA, USA
9. Wright Bradley, Marlowe Karen, **Kalyani Sonawane**, Errol Crook, Evaluation of a Collaborative Care Model for Pharmacist Interventions to Impact Medication Adherence For Hypertension in a University Ambulatory Care Setting. 2013. Alabama Society of Health System Pharmacists Summer Meeting, Destin, FL, USA
10. Dalton Walsh, **Kalyani Sonawane**, Emily Armstrong. Evaluating Clinical Pharmacist Impact on Diabetes Control: Outcomes on Hemoglobin A1c. 2013. American Society of Health-System Pharmacists, Orlando, FL, USA
11. Dalton Walsh, **Kalyani Sonawane**, Emily Armstrong. Evaluating Clinical Pharmacist Impact on Diabetes Control: Outcomes on Blood Pressure, Lipids, and Diabetic Medications. 2013. American Society of Health-System Pharmacists, Orlando, FL, USA

## **RESEARCH SUPPORT**

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School Health Services Program Evaluation

Florida Department of Health

Role: Co-investigator

9/1/16—12/30/16 \$80,908

The University of Texas School of Public Health/ BlueCross and BlueShield of Texas Research Program in Payment Systems and Policy (Dissertation Database Support)

Outcomes of treatment modifications among newly treated hypertensive patients

Role: PI

Food and Drug Administration

Post-market Authorized Generic Evaluation (PAGE)

Role: Graduate Research Assistant

National Pharmaceutical Council

Heterogeneity of treatment effects across methods, populations, and data resources

Role: Graduate Research Assistant

Foundation for the National Institutes of Health

Developing a structured process for measuring and interpreting health outcomes of interest in

the Observational Medical Outcomes Partnership (OMOP) common data model  
Role: Graduate Research Assistant

### **SEMINARS, INVITED TALKS, AND PROFESSIONAL PRESENTATIONS**

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2015 Invited Talk, Xcenda, Palm Harbor, FL (Topic: Outcomes of Treatment Modifications Among Newly Treated Hypertensive Patients)  
2016 Invited Talk, University of Florida College of Medicine, FL (Topic: Quasi-experimental Research)

### **TEACHING**

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Instructor HSA 7759: Public Health Quality and Outcomes (Spring 2017)  
Instructor HSA 6196: Healthcare Data Analytics II (Spring 2017)  
Guest lecture HSA 6436: Health Economics (Spring 2017)  
Guest lecture PYPC 7820: Research Methods in Health Sciences (Fall 2013, Fall 2014)

### **PROFESSIONAL SERVICES**

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Member, International Society for Pharmacoeconomics and Outcomes Research  
Member, American Heart Association

#### *Reviewer*

The Annals of Pharmacotherapy  
Pharmacoepidemiology and Drug Safety  
American Journal of Kidney Diseases  
Journal of Pharmacy Technology  
Journal of Managed Care and Specialty Pharmacy  
ISPOR 22<sup>nd</sup> Annual International Meeting, Boston, USA  
ISPOR 6<sup>th</sup> Latin America Conference, São Paulo, Brazil  
ISPOR 20<sup>th</sup> Annual European Congress, Glasgow, Scotland