

# RAJ DESAI

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## EDUCATIONAL EXPERIENCE

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**Ph.D Health Services Research Management and Policy, University of Florida** August 2017-present

**Masters in Pharmacy Administration, St. John's University, NY, USA** June 2017

**Dissertation: Effect of Non-adherence and Comorbidities on Health Resource Utilization in Schizophrenia**

- Estimated the rate of non-adherence with antipsychotic drugs in patients suffering from Schizophrenia
- Examined the effect of non-adherence and disease comorbidity on health resource utilization in patients suffering from schizophrenia

**Bachelor of Pharmacy, Institute of Chemical Technology, India** June 2015

## PROFESSIONAL EXPERIENCE

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**University of Florida** August 2017-present

Teaching Assistant

- Teaching assistant for MHA students in Information Management in Health Care and Health Care Data Analytics

**The ISPOR Oncology Health Economics Modeling Special Interest Group (SIG)** September 2016- Present

Student Researcher/Abstract Reviewer

- Volunteer for a team based systematic literature review for health economics modeling for oncology treatment using PRISMA guidelines
- Reviewed over 5000 articles with the team consisting of students and Research Associates from the industry
- Co-ordinated the results with the team. The results will be presented at ISPOR 22<sup>nd</sup> Annual Conference 2017, Boston

**St. John's University, NY** September 2015-Present

Teaching Assistant

- Tutored third year Pharm.D students for the Pharmacy Practice Laboratory
- Assessed student class activities and graded assignments and tests and demonstrated safe laboratory techniques

**University of Applied Arts and Sciences, Hannover, Germany** September 2014- June 2015

Research Assistant

- Managed and led healthcare research projects focusing on primary data collection with the use of surveys in India
- Analyzed the data using SPSS and published the results in renowned journals

## PROFESSIONAL SKILLS

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- Research- Outcomes, Qualitative, Quantitative
- Qualitative and Quantitative Data Analysis
- SAS/SPSS/MS Excel/MS Power Point
- Primary Data Collection

## SELECT CONFERENCE PRESENTATIONS & PUBLICATIONS

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- A review of formulary coverage and utilization management of specialty drugs in public and private health plans, *AMCP Nexus, National Harbour, MD, October 2016*
- Exploring the impact of an academic course on students' knowledge, learning and attitudes toward managed care pharmacy, *AMCP Nexus, National Harbour, MD, October 2016*
- Preparing pharmacy students to meet challenges in managed care: Evidence of student learning about managed care pharmacy from a US pharmacy school, *AMCP, Denver, CO, March 2017*
- Evaluating the economic burden and health care utilization due to depression comorbidity in dementia, *ISPOR, Boston, MA, May 2017*
- Impact of disease severity and comorbidity of informal costs in Dementia: A Systematic Review, *ISPOR, Boston, MA, May 2017*

- Dnyanesh Limaye, Madhura Kale, Neha Chitre, Devashree Deshapande, **Raj Desai**, Vaidehi Limaye, Gerhard Fortwengel.(2016). Cost-Effectiveness study of anti-hypertensive drugs in Mumbai, India. *Current Therapeutic Research*, 78, S11
- Limaye, V., Limaye, D., **Desai, R.**, Sheth, J., Prabhu, S., & Fortwengel, G. (2016). Prevalence of musculoskeletal disorders among dentists from Mumbai, India. *Current Therapeutic Research*, 78, S11
- Limaye, D.; Fortwengel, G.; Limaye, V.; Chaudhari, J.; **Desai, R.**; Dikshit, A.; Ladge, R.: Implementing a Pharmacovigilance Program in Rural India, *SOCRA Source*, Aug. 2016, 30 – 39

## **SELECT RESEARCH PROJECTS**

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- A review of formulary coverage and utilization management of top specialty drugs in private and public health plans, 2015
- Pricing of ASC-J9 Anti-Acne Cream, 2015
- Exploring the impact of an academic course on students' knowledge, learning and attitudes toward managed care pharmacy, 2016
- Analyzing health care access in New York and New Jersey using BRFSS 13, 2016
- Comorbidity driven health care utilization and economic burden in dementia and depression, 2016

## **PROFESSIONAL AWARDS**

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- Full Tuition Waiver and Teaching Assistantship, St. John's University, September 2015-Present
- Among 30 students in the world to be awarded the Travel Grant Award by International Society of Pharmacoeconomics and Outcomes Research (ISPOR) for the 22<sup>nd</sup> Annual International Meeting, Boston. Awarded \$1300 along with free registration and four free short courses for the conference.
- Awarded travel grant of \$750 for AMCP Nexus 2016, AMCP 2017 from St. John's University
- Innovation in Science Pursuit for Inspired Research (INSPIRE), June 2011