

## **EDUCATIONAL QUALIFICATIONS**

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**Doctor of Philosophy** **2016-Current**  
Pharmaceutical Outcomes and Policy, College of Pharmacy  
University of Florida, Gainesville, FL, USA

**Master of Science** **2011-2013**  
Pharmacoeconomics, Epidemiology, Pharmaceutical Policy and Outcomes Research  
University of New Mexico, Albuquerque, NM, USA

**Bachelor of Pharmacy** **2006- 2010**  
Guru Gobind Singh Indraprastha University, New Delhi, India

### **Other Professional Trainings**

Short courses at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR)

- Introduction to Retrospective Database Analysis
- Applications in Using Large Databases
- Use of Propensity Scores in Observational Studies
- Distance Learning Program: Introduction to Budget Impact Analysis

## **PROFESSIONAL EXPERIENCES**

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**Summer Intern, Evidence for Access (E4A): Rare Diseases** **June-August 2018**  
**Genentech, South San Francisco, California**

**Graduate Assistant, Pharmaceutical Outcomes and Policy** **August 2016-Current**  
**College of Pharmacy, University of Florida**

Responsibilities: Primary/secondary lead for the following projects:

- Budget impact analysis of oritavancin for the treatment of moderate-to-severe acute bacterial skin and skin structure infections from a hospital perspective
- Risk of depression in chronic hepatitis C virus (HCV) patients in a commercially insured population
- Annual economic burden of acute bacterial skin and skin structure infections in diabetic population
- Economic burden of sickle cell anaemia in a managed care population

**Research Associate, Mu Sigma (Consultant at Amgen),** **September 2014-January 2016**  
**Thousand Oaks, California**

Responsibilities:

- Supported Amgen's Business Analysis and Insights (BAI) unit in understanding marketing and commercialization challenges for new oncology drugs
- Provide analytical support to oncology new products commercialization team for pre-launch market research projects including targeting, segmentation, prescriber universe analyses, and developing metrics for launch trackers of oncology products
- Develop protocols for database analysis projects, define scope, and manage timelines
- Supervise the team of analysts and ensure quality of deliverables

- Present study findings and recommendations to different stakeholders

**Healthcare Analyst, Health Services Advisory Group,**

**Phoenix, Arizona**

**January 2014-June 2014**

Responsibilities:

- Assist project lead in developing proposals, study protocols, and analysis plans
- Review and synthesize healthcare literature and prepare reports with recommendations
- Conduct retrospective analyses using Medicare and Medicaid datasets using statistical packages (SAS/STATA)
- Prepare compendium of results including reports and presentations for (CMS)
- Manage project timelines, budget, and scope of deliverables

**Research Assistant, College of Pharmacy, University of New Mexico**

**August 2011-December 2013**

Responsibilities:

- Literature review, study design, and prepare supplemental documents for IRB /grants
- Electronic medical record (EMR) and chart abstraction studies
- Data collection and project management for survey-based NIH-funded projects
- Statistical analyses of data using SAS and/or STATA
- Conduct pharmacovigilance research using the FDA MedWatch database and freedom of information requests to detect adverse events associated with drugs
- Prepare reports, posters, and manuscripts

**Summer Intern, Lovelace Clinic Foundation Research, Albuquerque, New Mexico  
2013**

**May 2012- January**

Responsibilities:

- Conduct systematic literature review
- Build analytical files, conduct statistical analyses, and prepare final reports

**PEER-REVIEWED MANUSCRIPTS/ PUBLISHED ABSTRACTS**

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1. **Garg M**, Raimundo K, Patel A, Ko R. Pain Management in Hemophilia A: Analysis of a Large US insurance Claims Database.
2. Huo J, Hong X, **Garg M**, Shah C, Wilkie DJ, Mainous AG. Economic Burden of Sickle Cell Disease in the United States.
3. **Garg M**, Venugopalan V, Premraj S, Park H. Budget Impact Analysis of Oritavancin for the Treatment of Moderate-to-Severe Acute Bacterial Skin and Skin Structure Infections.
4. **Garg M**, Garrison L, Leeman L, Hamidovic A, Borrego M, Rayburn WF, Bakhireva LN. Validity of Self-Reported Drug Use Information among Pregnant Women. *Matern Child Health J.* 2015: 1-7
5. Bakhireva LN, Savich RD, Raisch DW, Cano S, Annett RD, Leeman L, **Garg M**, Goff C, Savage DD. The Feasibility and Cost of Neonatal Screening for Prenatal Alcohol Exposure by Measuring Phosphatidylethanol in Dried Blood Spots. *Alcohol Clin Exp Res.* 2013; 37(6): 1008-15
6. **Garg M**, Kharat A, Gutierrez H, Wohlert E, Stephens E, Savage DD, Leeman L, Bakhireva LN. Effect of Concomitant Drug Use on Adverse Perinatal Outcomes in Opioid-Maintenance Women. *Birth Defects Res A Clin Mol Teratol.* 2013; 97(5):336
7. Gardiner A, Bakhireva LN, Rayburn WF, Leeman L, Cano S, **Garg M**, Savage DD, Perrone-Bizzozero NI. Serum MicroRNA as Novel Biomarkers of Alcohol Consumption in Pregnancy. *Alcohol Clin Exp Res.* 2013; 37(6): 165A

8. Cano S, Robles L, Rayburn WF, Savich RD, **Garg M**, Anton RF, Leonard E, Savage DD, Bakhireva LN. Advanced Gestational Age Increases Serum Carbohydrate Deficient Transferrin Levels in Abstinent Pregnant Women. Poster presentation: 2012 Research Society of Alcoholism Annual Meeting. *Alcohol Clin Exp Res.*2012; 36(6):44A
9. Garg V, **Garg M**. Are Indian Drug Stores Operating Ethically by Practicing the Policy of Free/Paid Home-Delivery of Drugs to Customers? Platform presentation: The Indian Journal of Medical Ethics Third National Bioethics Conference. *Indian J Med Ethics*; 2010; 7(4): 294

## **PODIUM/POSTER PRESENTATIONS**

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1. **Garg M**, Park H. Impact of Disease Severity on Healthcare Costs in Patients with Chronic Hepatitis C Virus Infection (HCV). *Abstract Submitted to ISPOR 2019.*
2. Desai R, Dietrich E, **Garg M**, Park H, Smith S. The Out-of-Pocket Burden of Ambulatory Blood Pressure Monitoring: A United States Perspective in the Commercial Insurance Marketplace. *Abstract submitted to ISPOR 2019.*
3. Desai R, Dietrich E, **Garg M**, Park H, Smith S. Reimbursement of Ambulatory Blood Pressure Monitoring in the Commercial Insurance Marketplace. *Abstract submitted to ISPOR 2019.*
4. Premraj S, **Garg M**, Park H, Cherabuddi K, Klinker K, Venugopalan V. Use of a Severity Assessment System in Evaluating Management of SSTIs and Identifying Cost-Minimization Strategies at a Large Academic Hospital. *Poster presented at the 28<sup>th</sup> European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Madrid, Spain, 2018*
5. **Garg M**, Venugopalan V, Park H. Economic Burden of Acute Bacterial Skin and Skin Structure Infections in Diabetic Patients. *Poster presented at the 30<sup>th</sup> Annual Research Showcase and Awards Recognition Day, University of Florida, Gainesville, Florida, 2018*
6. **Garg M**, Leeman L, Cano S, Wolhert E, Goff C, Rayburn WF, Bakhireva LN. Agreement between Self-Reported Drug Use and Urine Toxicology Screens among Pregnant Women. Podium presented at the 2012 Teratology Society Annual Meeting [*Birth Defects Res A Clin Mol Teratol.*2012; 94 (5):32] and 7th Annual Research and Scholarship Day, University of New Mexico. April 2012 (**Best poster award, 2012**)
7. **Garg M**, Kharat A, Gutierrez H, Wohlert E, Stephens E, Savage DD, Leeman L, Bakhireva LN. Effect of Concomitant Drug Use on Adverse Perinatal Outcomes in Opioid-Maintenance Women. Poster presentation: 2013 Teratology Society Annual Meeting and 8th Annual Research and Scholarship Day, University of New Mexico. April 2013 (**Best poster award, 2013**)
8. **Garg M**, Raisch DW, Bakhireva LN. Impact of Smoking Cessation Counseling Provided by Pharmacists. Poster presentation: Western Pharmacoeconomics Conference, College of Pharmacy, University of Texas, Austin, Texas. June 2012
9. Garg V, **Garg M**. Determining Patients Satisfaction Levels with the Counseling Provided by Pharmacists at the Time of Drug Dispensing. Poster Presentation: The Indian Journal of Medical Ethics Third National Bioethics Conference, All India Institute of Medical Sciences (AIIMS), New Delhi, India. Nov 2010.

## **REFERENCES**

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Available upon request