

# Suja S. Rajan, M.H.A., M.S., Ph.D.

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## CURRENT APPOINTMENT AND ADDRESS

Associate Professor (September, 2016 – Current)  
Department of Management, Policy and Community Health  
University of Texas (UT) – School of Public Health (SPH)  
E-319, 1200 Pressler Street, Houston, TX 77030  
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Secondary Appointment, Department of Biostatistics, UT SPH (July 2015 – present)

## CENTER AFFILIATIONS

Center for Health Services Research, UT SPH, 2012-present  
Center for Management and Policy in Population Health, UT SPH, 2012-present

## A. BACKGROUND

### A.1 EDUCATION

2001: Bachelor of Science – B. S. (Specialization - Clinical/Cardiac Sciences), **Birla Institute of Technology and Science** – BITS (Ranked among the top 5 universities for Engineering and Science in India), Chennai, India  
2003: Master of Health Administration (M.H.A.), **The Ohio State University** (OSU), Columbus, OH  
2007: Master of Science (M.S.), Economics, **University of North Carolina** (UNC), Chapel Hill, NC  
2009: Ph.D. Health Policy and Management (Specialization in Health Economics), **UNC**, Chapel Hill, NC

### A.2 HONORS AND AWARDS

2014 Annual Research Award – UT SPH – David R. Lairson (mentor) and Suja S. Rajan (mentee)  
(\$1,000 cash award each)  
2011 Best poster – 16<sup>th</sup> Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Baltimore, Maryland  
2010 Best poster - 11<sup>th</sup> Annual Health Services and Outcomes Research Conference, Kelsey Research Foundation, Houston, Texas  
2009 Best poster - 10<sup>th</sup> Annual Health Services and Outcomes Research Conference, Kelsey Research Foundation, Houston, Texas  
2005 Family Health International Fellowship –UNC SPH (PhD)  
2004 Chancellor's List for graduate students – UNC (PhD); UNC Graduate School does not assign grades or GPA  
2003 Faculty Award for Academic Excellence (**GPA: 3.96/4**) – OSU SPH (MHA)  
2003 Phi Kappa Phi honor for exemplary performance in the University – OSU (MHA)  
2001 University Fellowship – OSU (MHA)  
2001 Gold Medal for best academic performance (**GPA: 10/10**) – BS class of 2001, BITS  
1997 Merit Certificate for best performance in Chemistry (High School)  
1995 National Merit Scholarship – Top 0.1% performers in the nation for Social Sciences (High School)

### A.3 PROFESSIONAL EXPERIENCE

9/2016 – Present	Associate Professor, Department of Management, Policy and Community Health, UT SPH Secondary Appointment – Biostatistics, UT SPH (7/2015 – present)
2/2012 – 8/2016	Assistant Professor, Department of Management, Policy and Community Health, UT SPH
7/2009 – 1/2012	Assistant Professor, University of Houston – College of Pharmacy, Houston, TX
5/2007 – 5/2008	SEER-Medicare Coordinator – The Cecil G. Sheps Center for Health Services Research UNC, Chapel Hill, NC
9/2005 – 8/2007	Research Fellow – collaborating with Dr. David Sokal Family Health International, Durham, NC
5/2005 – 8/2005	Summer Intern - collaborating with Dr. Frank Sloan and Dr. Tom Hoerger Research Triangle Institute, Research Triangle Park, NC
5/2004 – 8/2004	Summer Intern – collaborating with Dr. Felicia Mebane UNC, Chapel Hill, NC
8/2003-5/2005	Research Assistant - under Dr. George Pink UNC, Chapel Hill, NC
6/2002-9/2002	Summer Administrative Intern University Hospitals, OSU, Columbus, OH
8/2000-6/2001	Student Intern Department of Cardiac Surgery, Madras Medical Mission, Chennai, India

### B. RESEARCH

#### B.1.1 GRANTS - PRINCIPAL INVESTIGATOR

1. Role: Co-Principal Investigator (Effort: 30%)  
Sponsor: **Genentech Inc**  
Title: “Comparative and Cost Effectiveness of Reperfusion Therapies for Acute Ischemic Stroke”  
Duration: 04/12/2018 - 07/20/2019  
Amount: \$135,870 (UT SPH Share – Total Award is \$250,000)
2. Role: Principal Investigator (Effort: 20%)  
Sponsor: **National Institute of Health - National Cancer Institute (1R03CA181977-01)**  
Title: “Effectiveness of Pegfilgrastim vs Filgrastim in Elderly Breast Cancer Patients”  
Duration: 01/01/2014-12/31/2016 (Completed)  
Amount: \$150,000
3. Role: Principal Investigator  
Sponsor: **PRIME award – UT SPH**  
Title: “Impact of Breast Cancer Stage at Diagnosis on Long-term Adverse Events of G-CSF”

Duration 05/01/2012-04/30/2013 (Completed)  
Amount: \$25,000  
Note: Some results from this were used as preliminary analysis for the NIH-NCI grant application above

4. Role: Principal Investigator  
Sponsor: **New Faculty Research Award – University of Houston**  
Title: “Primary Prophylaxis of Neutropenia Using Pegfilgrastim versus Filgrastim in Real-Life Clinical Settings for Elderly Breast Cancer Patients Receiving Chemotherapy”  
Duration 02/01/2010-08/31/2010 (Completed)  
Amount: \$6,000

### **B.1.2 GRANTS - PRINCIPAL INVESTIGATOR (PI) FOR SUB-CONTRACT**

5. Role: Sub-contract PI (Effort: 10%)  
Sponsor: **Gordon and Betty Moore Foundation**  
Title: “The Safer Dx Learning Lab: A Demonstration Project For Improving Diagnostic Safety”  
Duration: 07/01/2017-06/30/2020  
Amount: \$3,525,397
6. Role: Sub-contract PI (Effort: 12%)  
Sponsor: **Houston Veterans Affairs Health Services Research & Development Center of Excellence**  
Title: “Less is More: Improving antimicrobial stewardship for asymptomatic bacteriuria”  
Duration: 01/01/2017-12/31/2019  
Amount: \$1,099,000
7. Role: Sub-contract PI (Effort: 5%)  
Sponsor: **Houston Veterans Affairs Health Services Research & Development Center of Excellence**  
Title: “Improving the Measurement of VA Facility Performance to Foster a Learning Healthcare System”  
Duration 01/01/2017-12/31/2019  
Amount: \$1,097,800
8. Role: Sub-contract PI (Effort: 10%)  
Sponsor: **American Diabetes Association Clinical Science and Epidemiology Award**  
Title: “Comparative Effectiveness of Physicians versus Non-physicians for the Delivery of Outpatient Diabetes Care: Implications for Access to Care under the Affordable Care Act”  
Duration 01/01/2016-12/31/2017 (Completed)  
Amount: \$173,913
9. Role: Sub-contract PI (Effort: 20%)  
Sponsor: **Houston Veterans Affairs Health Services Research & Development Center of Excellence**  
Title: “Peer Facilities – Veterans Integrated Service Networks Contract”  
Duration 04/01/2014-12/31/2016 (Completed)  
Amount: \$410,479

### **B.1.3 GRANTS – CO-INVESTIGATOR**

10. Role: Co-Investigator (Effort: 5%) PI: Trudy Krause  
Sponsor: **Texas Department of Health and Human Services**  
Title: “Evaluation of Intellectual and Development Disabilities (IDD)”  
Duration: 05/01/2018 - 04/30/2019

- Amount: \$475,295
11. Role: Co-Investigator (Effort: 20%) PI: James Grotta  
 Sponsor: **Patient-Centered Outcomes Research Institute**  
 Title: “BENefits of Stroke Treatment Delivered Using a Mobile Stroke Unit Compared to Standard Management by Emergency Medical Services: The BEST-MSU Study”  
 Duration: 09/01/2016-08/31/2021  
 Amount: \$2,201,419 (this is only SPH’s share)
12. Role: Co-Investigator (Effort: 20%) PI: Linda Highfield  
 Sponsor: **Agency for Healthcare Research and Quality**  
 Title: “Evidence Based Dissemination for Mammography Adherence in Safety Net Communities”  
 Duration: 07/01/2014-12/31/2017 (Completed)  
 Amount: \$1,493,000
13. Role: Co-Investigator (Effort: 20%) PI: James Grotta  
 Sponsor: **Halle Center**  
 Title: “Benefits of Stroke Treatment Delivered Using a Mobile Stroke Unit: The BEST-MSU Study”  
 Duration: 09/01/2014-04/30/2017 (Completed)  
 Amount: \$1,897,315 (this is only SPH’s share)
14. Role: Co-investigator (Effort: 20%); PI: Frances Lee Revere  
 Sponsor: **Center for Medicare & Medicaid Services - Texas Department of Insurance**  
 Title: “Texas Proposal to Establish a Data Center”  
 Duration: 10/01/2013-09/30/2014 followed by 10/01/2015-09/30/2016 (Completed)  
 Amount: \$2,078,000
15. Role: Co-investigator (Effort: 5%) PI: Charles E. Begley and Frances Lee Revere  
 Sponsor: **Methodist Healthcare Ministries/Association of Community-Based Health Plans**  
 Title: “Medicaid and Commercial MarketScan Comparative Study”  
 Duration: 08/01/2015-10/31/2016 (Completed)  
 Amount: \$99,724
16. Role: Co-investigator (Effort: 5%) PI: Paul Rowan  
 Sponsor: **The Meadows Foundation, Inc.**  
 Title: “Serious and Persistent Mental Illness in Medicaid: Descriptive Analysis and Policy Options for Texas”  
 Duration: 06/01/2015-05/31/2016 (Completed)  
 Amount: \$50,000
17. Role: Co-investigator (Effort: 10%) PI: Barbara Tilley  
 Sponsor: **National Institute of Health (2U01NS043127-12)**  
 Title: Parkinson's Disease Clinical Trial  
 Duration: 12/01/2013 - 11/30/2015 (Completed)  
 Amount: \$2,966,235
18. Role: Co-investigator (Effort: 5%) PI: Paul Rowan  
 Sponsor: **The Meadows Foundation, Inc.**  
 Title: “Serious and Persistent Mental Illness in Medicaid: Descriptive Analysis and Policy Options for Texas”  
 Duration: 02/01/2014-01/31/2015 (Completed)  
 Amount: \$99,817
19. Role: Co-investigator (Effort: 20%) PI: Frances Lee Revere and Charles E. Begley  
 Sponsor: **Methodist Healthcare Ministries/Association of Community-Based Health Plans**

Title: "Medicaid and Blue Cross Blue Shield Comparative Study"  
Duration: 01/01/2014-12/31/2014 (Completed)  
Amount: \$109,000

20. Role: Co-investigator (Effort: 10%) PI: Charles E. Begley  
Sponsor: **Cancer Prevention and Research Institute of Texas**  
Title: "Texas Breast Cancer Early Detection and Treatment Program Outcomes Study"  
Duration: 08/01/2010-07/31/2012 (Completed)  
Amount: \$146,070

## **B.2.1 PEER-REVIEWED JOURNAL PUBLICATIONS**

**\*\* Students primarily mentored by Suja S. Rajan (which involved complete supervision of analysis and extensive writing of the manuscript)**

**\* Other student authors for whom Suja S. Rajan was not the primary mentor**

**‡ Suja S. Rajan is the Corresponding author**

**† Publications from funded grants**

1. Karanth S\*\*, **Rajan SS‡**, Revere FL, Sharma G. Factors Affecting Racial Disparities in End-of-Life Care Costs Among Lung Cancer Patients: A SEER-Medicare-based Study. Am J Clin Oncol. Accepted August 2018. In Press
2. Karanth S\*\*, **Rajan SS‡**, Sharma G, Yamal JM, Morgan RO. Racial-Ethnic Disparities in End-of-Life Care Quality among Lung Cancer Patients: A SEER-Medicare-Based Study. J Thorac Oncol. 2018;13(8):1083-1093.  
**Press Release: The International Association for the Study of Lung Cancer (IASLC) -**  
<https://www.iaslc.org/articles/racial-ethnic-disparities-quality-end-life-care-among-lung-cancerpatients>  
**UTHealth SPH Press Release:** <https://www.uth.edu/media/story.htm?id=bc45c3df-1d09-4b8f-b7bf-420787b4ff5e>
3. Bowry R†, Parker SA, Yamal JM, Hwang H, Appana S, Rangel-Gutierrez N, Wu TC, **Rajan SS**, Grotta JC. Time to Decision and Treatment With tPA (Tissue-Type Plasminogen Activator) Using Telemedicine Versus an Onboard Neurologist on a Mobile Stroke Unit. Stroke. 2018;49(6):1528-1530.
4. Bhise V\*\*, **Rajan SS**, Sittig D, Vaghani V, Morgan R, Khanna A, Singh H. Electronic Health Record Reviews to Measure Diagnostic Uncertainty in Primary Care. J Eval Clin Pract. 2018;24(3):545-551
5. **Kim J\***, Rajan SS, Du XL, Franzini L, Giordano SH, Morgan RO. Association between financial burden and adjuvant hormonal therapy adherence and persistent use for privately insured women aged 18-64 years in BCBS of Texas. Breast Cancer Res Treat. 2018;169(3):573-586.
6. Trautner BW†, Prasad P, Grigoryan L, Hysong SJ, Kramer JR, **Rajan SS**, Petersen NJ, Rosen T, Drekonja DM, Graber C, Patel P, Lichtenberger P, Gauthier TP, Wiseman S, Jones M, Sales A, Krein S, Naik AD. Protocol to disseminate a hospital-site controlled intervention using audit and feedback to implement guidelines concerning inappropriate treatment of asymptomatic bacteriuria. Implement Sci. 2018;19;13(1):16.
7. Virani SS†, Akeroyd JM, Ramsey DJ, Deswal A, Nasir K, **Rajan SS**, Ballantyne CM, Petersen LA. Healthcare Resource Utilization for Outpatient Cardiovascular Disease and Diabetes Care Delivery among Advanced Practice Providers and Physician Providers in Primary Care. Popul Health Manag. 2018;21(3):209-216.
8. Bhise V\*\*, **Rajan SS**, Sittig DF, Morgan RO, Chaudhary P, Singh H. Defining and Measuring Diagnostic Uncertainty in Medicine: A Systematic Review. J Gen Intern Med. 2018;33(1):103-115.. PMID: 28936618

9. Yamal JM†, **Rajan SS**, Parker SA, Jacob AP, Gonzalez MO, Gonzales NR, Bowry R, Barreto AD, Wu TC, Lairson DR, Persse D, Tilley BC, Chiu D, Suarez JI, Jones WJ, Alexandrov A, Grotta JC. Benefits of stroke treatment delivered using a mobile stroke unit trial. *Int J Stroke*. 2018;13(3):321-327.
10. Taylor JS, **Rajan SS**, Zhang N, Meyer LA, Ramondetta LM, Bodurka DC, Lairson DR, Giordano SH. End-of-Life Racial and Ethnic Disparities Among Patients With Ovarian Cancer. *J Clin Oncol*. 2017;1;35(16):1829-1835. PMID: 28388292 PMCID: PMC5455594
11. **Rajan SS**‡, Suryavanshi MS, Karanth S, Lairson DR. The Immediate Impact of the 2009 USPSTF Screening Guideline Change on Physician Recommendation of a Screening Mammogram: Findings from a National Ambulatory and Medical Care Survey-Based Study. *Popul Health Manag*. 2017;20(2):155-164. PMID: 27564582
12. **Rajan SS**, Cai Y, Yi M, Tsai CL, Du XL. Use of Hematopoietic Growth Factors in Elderly Lung Cancer Patients Receiving Chemotherapy: A SEER-Medicare Based Study. *Am J Clin Oncol*. 2017;40(1):66-74. PMID: 25068470
13. Cao Y\*, **Rajan SS**, Wei P. Mendelian Randomization Analysis of a Time-varying Exposure for Binary Disease Outcomes using Functional Data Analysis Methods. *Genetic Epidemiology*. 2016;40(8):744-755. PMID: 27813215 PMCID: PMC5123677
14. Virani SS†, Akeroyd JM, Ramsey DJ, Chan WJ, Frazier L, Nasir K, **Rajan SS**, Ballantyne CM, Petersen LA. Comparative effectiveness of outpatient cardiovascular disease and diabetes care delivery between advanced practice providers and physician providers in primary care: Implications for care under the Affordable Care Act. *Am Heart J*. 2016;181:74-82. PMID: 27823696
15. Sawant RV\*\*, Goyal RK\*\*, **Rajan SS**, Patel HK, Essien EJ, Sansgiry SS. Factors Associated With Intention to Engage In Self-Protective Behavior: The Case of Over-the-Counter Acetaminophen Products. *Res Social Adm Pharm*. 2016;12(2):327-35. PMID: 26183416
16. Wills AM†, Pérez A, Wang J, Su X, Morgan J, **Rajan SS**, Leehey MA, Pontone GM, Chou KL, Umeh C, Mari Z, Boyd J. Association Between Change in Body Mass Index, Unified Parkinson's Disease Rating Scale Scores, and Survival Among Persons With Parkinson Disease: Secondary Analysis of Longitudinal Data From NINDS Exploratory Trials in Parkinson Disease Long-term Study 1. *JAMA Neurol*. 2016;73(3):321-328. PMID: 26751506 PMCID: PMC5469290
17. Bowry R†, Parker S, **Rajan SS**, Yamal JM, Wu TC, Richardson L, Noser E, Persse D, Jackson K, Grotta JC. Benefits of Stroke Treatment Using a Mobile Stroke Unit Compared With Standard Management: The BEST-MSU Study Run-In Phase. *Stroke*. 2015;46(12):3370-3374. PMID: 26508753
18. Highfield L†, **Rajan SS**, Valerio MA, Walton G, Fernandez ME, Bartholomew LK. A non-randomized controlled stepped wedge trial to evaluate the effectiveness of a multi-level mammography intervention in improving appointment adherence in underserved women. *Implement Sci*. 2015;10:143. PMID: 26464110
19. **Rajan SS**‡†, Begley CE, Highfield LD, Kim B. Survival benefits of treatment access among underserved breast cancer patients diagnosed through the Texas Breast and Cervical Cancer Services program. *J Public Health Manag Pract*. 2015;21(5):477-486. PMID: 25794245
20. Jadav S\*\*, **Rajan SS**, Abughosh S, Sansgiry SS. The Role of Socioeconomic Status and Health Care Access in Breast Cancer Screening Compliance Among Hispanics. *J Public Health Manag Pract*. 2015;21(5):467-476. PMID: 25756197

21. Kadakia A\*\*, **Rajan SS**‡, 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;38(2):165-173. PMID: 23608830
22. **Rajan SS**†, Baraniuk S, Parker S, Wu TC, Bowry R, Grotta JC. Implementing A Mobile Stroke Unit Program in the United States: Why, How and How Much? *JAMA Neurol*. 2015;72(2):229-234. PMID: 25485723
23. Kieburtz K†, Tilley BC, Elm JJ, Babcock D, Hauser R, Ross GW, Augustine AH, Augustine EU, Aminoff MJ, Bodis-Wollner IG, Boyd J, Cambi F, Chou K, Christine CW, Cines M, Dahodwala N, Derwent L, Dewey RB Jr, Hawthorne K, Houghton DJ, Kamp C, Leehey M, Lew MF, Liang GS, Luo ST, Mari Z, Morgan JC, Parashos S, Pérez A, Petrovitch H, **Rajan SS**, Reichwein S, Roth JT, Schneider JS, Shannon KM, Simon DK, Simuni T, Singer C, Sudarsky L, Tanner CM, Umeh CC, Williams K, Wills AM. Effect of Creatine Monohydrate on Clinical Progression in Patients With Parkinson Disease: A Randomized Clinical Trial. *JAMA*. 2015;313(6):584-593. PMID: 25668262 PMCID: PMC4349346
24. Bhowmik D\*, Aparasu RR, **Rajan SS**, Sherer JT, Ochoa-Perez M, Chen H. Risk of manic switch associated with antidepressant therapy in pediatric bipolar depression. *J Child Adolesc Psychopharmacol*. 2014 Dec;24(10):551-561. PMID: 25470655
25. **Rajan SS**‡,† Begley CE, Kim B. Breast cancer stage at diagnosis among medically underserved women screened through the Texas Breast and Cervical Cancer Services. *Popul Health Manag*. 2014 Aug;17(4):202-210. PMID: 24921895
26. Yu Y\*\*, **Rajan SS**, Essien EJ, Yang M, Abughosh S. The relationship between obesity and prescription of smoking cessation medications. *Popul Health Manag*. 2014 Jun;17(3):172-179. PMID: 24784163
27. Choi S\*, **Rajan SS**, Trivedi MV. The Incidence of Tumor Cell Contamination of Peripheral Blood Stem Cells: A Meta-Analysis to Evaluate the Impact of Mobilization Regimens and the Influence on Outcomes in Breast Cancer Patients. *Acta Haematol*. 2014;131(3):133-140. PMID: 24192756
28. Yu Y\*\*, **Rajan SS**, Essien EJ, Chen H, Yang M, Abughosh S. Obesity and Prescription of Smoking Cessation Medications. *J Behav Health*. 2013; 2(4): 291-298.
29. Bhowmik D\*, Aparasu RR, **Rajan SS**, Sherer JT, Ochoa-Perez M, Chen H. The utilization of psychopharmacological treatment and medication adherence among Medicaid enrolled children and adolescents with bipolar depression. *J Affect Disord*. 2013 Sep 5;150(2):424-429. PMID: 23747210
30. **Rajan SS**‡, Carpenter WR, Stearns SC, Lyman GH. Short-term Costs Associated with Primary Prophylactic G-CSF Use during Chemotherapy. *Am J Manag Care*. 2013 Feb;19(2):150-159. PMID: 23448112
31. Mehta HB\*\*, **Rajan SS**, Aparasu RR, Johnson ML. Application of the Nonlinear Blinder-Oaxaca Decomposition to Study Racial/Ethnic Disparities in Anti-obesity Medication Use in the United States. *Res Social Adm Pharm*. 2013 Jan-Feb;9(1):13-26. PMID: 22554395
32. Goyal RK\*\*, **Rajan SS**, Essien EJ, Sansgiry SS. Effectiveness of FDA's New Over-the-Counter Acetaminophen Warning Label in Improving Consumer Risk Perception of Liver Damage. *J Clin Pharm Ther*. 2012 Dec;37(6):681-685. PMID: 22958105
33. Abughosh S, Wu IH, **Rajan SS**, Peters RJ, Essien EJ. Waterpipe Smoking Among Students in One US University: Predictors of an Intention to Quit. *J Am Coll Health*. 2012;60(7):528-535. PMID: 23002801
34. Yang M\*\*, **Rajan SS**, Issa AM. Cost Effectiveness of Gene Expression Profiling for Early Stage Breast Cancer: A Decision Analytic Model. *Cancer*. 2012 Oct 15;118(20):5163-5170. PMID: 22359236

35. **Rajan SS**‡, Stearns SC, Lyman GH, Carpenter WR. Effect of Primary Prophylactic G-CSF Use on Systemic Therapy Administration for Elderly Breast Cancer Patients. *Breast Cancer Res Treat.* 2011 Nov;130(1):255-266. Epub 2011 May 17. PMID: 21584667
36. **Rajan SS**‡, Lyman GH, Stearns SC, Carpenter WR. Effect of Primary Prophylactic granulocyte-colony stimulating factors use on Incidence of Neutropenia Hospitalizations for Elderly Early-stage Breast Cancer Patients Receiving Chemotherapy. *Med Care.* 2011 Jul;49(7):649-657. PMID: 21478779
37. **Rajan SS**‡, Lyman GH, Carpenter WR, Stearns SC. Chemotherapy Characteristics are Important Predictors of Primary Prophylactic CSF Administration in Older Patients with Breast Cancer. *Breast Cancer Res Treat.* 2011 Jun;127(2):511-520. Epub 2010 Oct 26. PMID: 20976544
38. **Rajan SS**, Sokal D. A Simpler Tool for Estimation of HIV Incidence from Cross-Sectional, Age-Specific Prevalence Data. *J Epidemiol Community Health.* 2011 Feb;65(2):111-115. Epub 2010 Jun 16. PMID: 20558420
39. **Rajan SS**, Sokal DC. Comparison of Projected and Actual Outcomes of the HIV/AIDS Epidemic in Malawi, 1990-2000. *PLoS One.* 2009 Aug 27;4(8):e6806. PMID: 19710919 PMCID: PMC2728838
40. **Rajan SS**‡, Pink GH, Dow WH. Sociodemographic and Personality Characteristics of Canadian Donors Contributing to International Charity. *Nonprofit and Voluntary Sector Quarterly.* 2009 Jun;38(3):413-440

### **B.2.2 NON PEER-REVIEWED PUBLICATIONS**

1. **Rajan SS**, Yang M, Issa A. Response to reply to cost effectiveness of gene expression profiling for early stage breast cancer: A decision-analytic model. *Cancer.* 2012 Jun 6. Epub ahead of print. PMID: 22674087

### **B.2.3 WHITE PAPERS**

1. Weber ES, **Rajan SS**. Price Transparency in the Context of the American Health Care Market: Theory and Evidence from the Literature. Submitted to **Texas Department of Insurance**. July 2015
2. Revere FL, Begley CE, **Rajan SS**, Karanth S, Ratanatawan A, Abbass I. Texas Medicaid Outcomes Evaluation Study: Key Findings Comparing Medicaid and Commercial Utilization Rates and Trends. Submitted to **Methodist Health Ministries**. October 2014
3. Begley CE, Rajan SS, Kim B. Texas Breast and Cervical Cancer Services Program Outcomes Study. Submitted to Cancer Prevention and Research Institute of Texas. November 2012

### **B.2.4 PEER-REVIEWED PUBLICATIONS IN PROGRESS**

\* Student first author            ‡ **Suja S. Rajan is the Corresponding author**

1. **Rajan SS**, Ahmed ST, Ramsey DJ, Akeroyd JM, Ballantyne CM, Petersen LA, Virani SS. Comparative differences in healthcare costs among patients assigned to primary care physicians and advanced practice providers: A Veterans' Health Administration Study. **Submitted to American Heart Journal.**



2. Karanth S, **Rajan SS**, Sharma G, Morgan R. Factors driving racial-ethnic disparities in survival among lung cancer patients. – In preparation (**Manuscript being drafted, analysis complete; Target Journal – Lung Cancer**)
3. Rajan SS, Du XL. Comparative and Cost-Effectiveness of Long-Acting Versus Short-Acting Granulocyte Colony-Stimulating Factors in Elderly Women with Breast Cancer. – In preparation (**Manuscript being drafted; Target Journal – Breast Cancer Research and Treatment**)
4. **Rajan SS**, Delgado RI, Roy D, Ahmed ST. Factors Associated with under-immunization at the elementary school level. – In preparation (**Manuscript being drafted; Target Journal – Journal of School Health**)
5. Woodard LW, Hundt N, Gordon H, Hertz B, Amspoker AB, Kiefer L, **Rajan SS**, Odom E, Jones L, Stone E, Naik AD. Protocol for the Empowering Patients in Chronic Care Pragmatic Clinical Trial: A Partnered-Research Approach to Improving Diabetes Care. – In preparation (**Manuscript being edited by co-authors; Target Journal – Implementation Science**)
6. **Rajan SS**‡, Tilley B, Dahwodwala N, Hauser R, Augustine E, Kieburtz K. Costs associated with treatment of early stage Parkinson’s Disease among patients enrolled in the NET-PD clinical trial. – **In preparation (Manuscript being drafted; Target Journal – JAMA Neurology).**
7. Weber ES, **Rajan SS**‡. Price Transparency in the Context of the American Health Care Market: Theory and Evidence from the Literature. – **In preparation (White paper being edited for submission; Target Journal – Health Services Research).**

### **B.3.1 INVITED PRESENTATIONS**

1. Introduction to Economic Evaluation in Healthcare. Veteran's Affairs Quality Scholars Program: Session on efficiency. Center for Innovations in Quality, Effectiveness and Safety - Veteran's Affairs Houston. May 25, 2018
2. Comparative effectiveness of long-acting versus short-acting granulocyte colony-stimulating factors in breast cancer patients. Public Health Grand Round Speaker, University of Virginia School of Medicine, Charlottesville, VA. September 25th, 2017
3. Studies examining clinical outcomes and costs associated with breast cancer management. Veterans Affairs Health Services Research & Development, Center of Excellence, Houston, TX. April 2015

### **B.3.2 PEER-REVIEWED PRESENTATIONS**

1. Rajan SS, Lairson DR, Du XL. Comparative and Cost-Effectiveness of Long-Acting Versus Short-Acting Granulocyte Colony-Stimulating Factors in Elderly Women with Breast Cancer. Academy Health Annual Research Meeting Poster Presentation – Seattle, WA, June 2018
2. Karanth S, Rajan SS, Sharma G. Racial-Ethnic Disparities in End-of-Life Care Quality for Lung Cancer Patients: A SEER-Medicare Based Study. Academy Health Annual Research Meeting Poster Presentation – Seattle, WA, June 2018
3. O'Mahen PN, Mehta PD, Rajan SS, Knox MK, Yang C, Kuebler MK, Petersen LA. Method to Develop Facility-Specific Groups of VA Hospital Peers. VA HSR&D Annual Research Meeting – Washington DC, June 2017.

4. Rajan SS, Kiebertz K, Dahodwala N, Augustine E, Hauser R, Tilley BC. Predictors of Healthcare Utilization and Costs among Early-Stage Parkinson's Disease Patients: NET-PD study. Podium Presentation – Boston 2017 Congress, International Health Economics Association, Boston, MA. July, 2017
5. Bhansali A, Fleming ML, Essien EJ, Mehta P, Rajan SS, Sansgiry SS. Effect of patient involvement on intention to initiate breast cancer chemoprevention. Poster Presentation - 22nd Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Boston, MA. May, 2017
6. Nguyen LK, Rajan SS, Weber ES, Ganduglia Cazaban CM. Algorithms to identify deliveries using different administrative claims datasets. American Public Health Association Poster Presentation. Chicago, IL. October, 2015.
7. Highfield LD, Bartholomew LK, Rajan SS, Fernandez M, Valerio M, Walton G, Chambers D, Asgarisabet P. Intervention Mapping for Implementation Intervention Development: A Systematic Approach. Poster Presentation at the AHRQ Research Conference. Crystal City, VA. October, 2015.
8. Virani SS, Akeroyd JA, Ramsey DJ, Chan WJ, Rajan SS, Ballantyne CM, Petersen LA. Comparative Effectiveness of Outpatient Cardiovascular Disease Care Delivery Between Physician and Non-Physician Primary Care Providers: Implications for Care Under the Affordable Care Act. Poster presentation at the American Heart Association Quality of Care and Outcomes Research Council 2015 Scientific Sessions, Baltimore, MD. April, 2015.  
**This poster received extensive media coverage including press release from the American Heart Association, Health day news, theHeart.org, Cardiology Today, Cardiovascular Business, and Consumer Reports on Health. Overall, there were 29.5 million viewers/readers of this article in more than 23 media outlets.**
9. Virani SS, Akeroyd JM, Ramsey DJ, Chan WJ, Rajan S, Ballantyne CM, Petersen LA. Provider Type and the Quality of Diabetes Care: Implication for the Affordable Care Act (ACA). Poster presentation at the Annual Scientific Session of the American Diabetes Association, Boston, MA. June, 2015.  
**Also selected for Guided Audio Poster Tour.**
10. Rajan SS, Cai Y, Yi M, Tsai C, Du XL. Use of Hematopoietic Growth Factors in Elderly Lung Cancer Patients Receiving Chemotherapy: A SEER-Medicare Based Study. Academy Health Annual Research Meeting Poster Presentation. San Diego, CA. June, 2014.
11. Perez MO, Bhowmik D, Chen H, Aparasu RR, Rajan SS, Sherer JT, Perez MO. Risk of manic switch with antidepressant therapy in pediatric bipolar depression. American Academy of Child and Adolescent Psychiatry (AACAP) Annual Meeting, Orlando, FL. October, 2013.
12. Rajan SS, Begley CE, Kim B. Evaluation of the Texas breast cancer screening services Program. International Health Economics Association (IHEA) **Podium** Presentation. Sydney, Australia. July, 2013.
13. Begley CE, Rajan SS, Kim B. Texas breast cancer early detection and treatment outcomes study. CPRIT Conference Poster Presentation. Austin, TX. November, 2012.
14. Wu IH, Rajan SS, Peters RJ, Essien EJ, Abughosh S. Waterpipe Smoking among University Students in the United States: Predictors of an Intention to Quit. 17th Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Washington DC. May, 2012
15. Bhowmik D, Chen H, Aparasu RR, Rajan SS, Sherer JT, Perez MO. Pharmacotherapy and Associated Outcomes in Pediatric Bipolar Depression. 17th Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Washington DC. May, 2012

16. Bhattacharya R, Aparasu RR, Rajan SS, Chen H. Obesity and Risk of Depression/Anxiety in Children and Adolescents: A Medical Expenditure Panel Survey Study. 17th Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Washington DC. May, 2012
17. Abughosh S, Yu Y, Yang M, Rajan SS, Essien EJ. Smoking Cessation Medication Use Among Adult Smokers With Various Body Weight Levels – an NHANES Study. 17th Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Washington DC. May, 2012
18. Yang M, Yu Y, Rajan SS, Essien EJ, Abughosh S. Smoking Cessation Medication Utilization Pattern Among Adult Smokers With Different Body Weight Levels – a NAMCS Study. 17th Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Washington DC. May, 2012
19. Shah A, Chen H, Rajan SS, Johnson ML. Impact of Long Acting Insulin Agents on Health Related Quality of Life (HRQoL), Health Care Expenditures and Utilization. 17th Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Washington DC. May, 2012
20. Kadakia A, Rajan SS, Du XL, Johnson ML. Predictors of Methotrexate Containing Chemotherapy in Women Diagnosed With Early Stage Breast Cancer. 17th Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Washington DC. May, 2012
21. Rajan SS, Begley CE, Kim B. Texas breast cancer early detection and treatment outcomes study. CPRIT Conference PODIUM Presentation. Austin, TX. November, 2011.
22. Begley CE, Rajan SS, Kim B. Texas breast cancer early detection and treatment outcomes study. CPRIT Conference Poster Presentation. Austin, TX. November, 2011.
23. Rajan SS, Begley CE, Kim B. Predictors of Timely Receipt of Breast Cancer Diagnosis and Treatment among Patients Receiving Their First Mammograms through the Texas Breast and Cervical Cancer Early Detection Program. Academy Health 2011 Annual Research Meeting Poster Presentation. Seattle, WA. June 2011.
24. Begley CE, Rajan SS, Kim B. Trends in Adherence to Texas Breast and Cervical Cancer Early Detection Program Performance Benchmarks: 1991 to 2009. Academy Health 2011 Annual Research Meeting Poster Presentation. Seattle, WA. June 2011.
25. Mehta H, Rajan S, Aparasu R, Johnson M. National trends in anti-obesity medication use from 2002 to 2007. Poster Presentation - 16th Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Baltimore, MD. May, 2011.
26. Mehta H, Rajan S, Aparasu R, Johnson M. Application of the non-linear Blinder-Oaxaca decomposition to study racial/ethnic disparities in anti-obesity medication use. Poster Presentation - 16th Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Baltimore, MD. May, 2011.
27. Kadakia A, Mehta H, Rajan S, Abughosh S. Does clinical diagnosis of obesity increase the likelihood of receiving obesity related counseling? A 2005-2008 NAMCS-NHAMCS Analysis. Poster Presentation - 16th Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Baltimore, MD. May, 2011.
28. Patel J, Rajan S, Aparasu R, Johnson M. Impact of obesity on age-specific prevalence of chronic diseases in the United States. Poster Presentation - 16th Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Baltimore, MD. May, 2011.
29. Patel J, Rajan S, Aparasu R, Johnson M. Prevalence ratios against odds ratios as effect measures in a cross-sectional study of obesity and its chronic comorbid conditions. Poster Presentation - 16th Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Baltimore, MD. May, 2011.

30. Patel J, Aparasu R, Rajan S, Johnson M. Factors leading to high health care expenditure among obese individuals in the United States. Poster Presentation - 16th Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Baltimore, MD. May, 2011.
31. Parikh R, Rajan S, Aparasu R, Johnson M. Effect of ACEI and ARB on health related quality of life in patients with hypertension and diabetes. Poster Presentation - 16th Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Baltimore, MD. May, 2011.
32. Shah A, Patel J, Rajan S, Abughosh S, Masilamani S. Disparity in obesity management: Under-Treatment among elderly population. Poster Presentation - 16th Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Baltimore, MD. May, 2011.
33. Karkare S, Rajan S, Chen H, Aparasu R. Antidepressant persistence and associated healthcare expenditure in children with depression. Poster Presentation - 16th Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Baltimore, MD. May, 2011.
34. Goyal RK, Rajan SS, Essien EJ, Sansgiry S. Effectiveness of FDA's new over-the-counter acetaminophen label warning requirements in improving consumer risk perception of liver damage. Poster Presentation - 16th Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Baltimore, MD. May, 2011.
35. Parikh R, Shah A, Rajan S, Aparasu R, Johnson M. Quality of care among hypertensive diabetic adults. Poster Presentation - 23rd Annual Meeting & Showcase, Academy of Managed Care Pharmacy, Minneapolis, MN. April, 2011.
36. Rajan S, Lyman G. Economics of Primary Prophylactic G-CSF use in preventing neutropenia and improving chemotherapy in elderly breast cancer patients: are short-term increase in costs necessarily bad? Poster Presentation - 11<sup>th</sup> Annual Health Services and Outcomes Research Conference, Kelsey Research Foundation, Houston, TX. December, 2010.
37. Patel J, Shah A, Rajan S, Aparasu R, Johnson M. Want to treat chronic diseases? Treat obesity first! Poster Presentation - 11<sup>th</sup> Annual Health Services and Outcomes Research Conference, Kelsey Research Foundation, Houston, TX. December, 2010.
38. Mehta S, Shah J, Rajan S, Aparasu R, Johnson M. National trends in anti-obesity medication use from 200 to 2007. Poster Presentation - 11<sup>th</sup> Annual Health Services and Outcomes Research Conference, Kelsey Research Foundation, Houston, TX. December, 2010.
39. Kadakia A, Mehta H, Rajan S, Abughosh S. Diet, Exercise and weight reduction counseling for obese patients during ambulatory care visit in the USA from 2005-2008. Poster Presentation - 11<sup>th</sup> Annual Health Services and Outcomes Research, Kelsey Research Foundation Conference, Houston, TX. December, 2010.
40. Shah A, Patel J, Rajan S, Masilamani S, Abughosh S. Quality of care among elderly diagnosed with obesity: A 2006-2008 analysis. Poster Presentation - 11<sup>th</sup> Annual Health Services and Outcomes Research, Kelsey Research Foundation, Houston, TX. December, 2010.
41. Begley CE, Rajan SS, Du X. Breast Cancer Screening and Early Detection in the Texas BCCS Program 1995-2007. CPRIT Innovations in Cancer Prevention and Research Conference Poster Presentation. Austin, TX. November, 2010.
42. Rajan S, Lyman G. Effect of Primary Prophylactic G-CSF Use on Successful Systemic Therapy Administration for Elderly Breast Cancer Patients – Academy Health 2010 Annual Research Meeting Poster Presentation. Boston, MA. June 2010.

43. Rajan S, Lyman G. Effect of primary prophylactic G-CSF use and duration of use on neutropenia hospitalizations for elderly breast cancer patients receiving chemotherapy – ISPOR 15<sup>th</sup> Annual International Meeting **Podium** Presentation. Atlanta, GA. May 2010.
44. Rajan S, Lyman G. Clinical and socio-demographic determinants of primary prophylactic G-CSF use in elderly breast cancer Medicare beneficiaries receiving chemotherapy – ISPOR 15<sup>th</sup> Annual International Meeting Poster Presentation. Atlanta, GA. May 2010.
45. Rajan S, Lyman G. Effect of Primary Prophylactic G-CSF Usage on Neutropenia Hospitalizations for Elderly Breast Cancer Patients Receiving Chemotherapy. 10<sup>th</sup> Annual Health Services and Outcomes Research Conference, Kelsey Research Foundation, Houston, TX. December 2009.
46. Sokal D, Rajan S, Ma YR, Chien PL, Mugo L, Bukusi E. Using Age-Specific Prevalence to Estimate HIV Incidence. Poster TB-244, *Microbicides* 2008 Conference, Feb. 24-28, New Delhi.

### C. TEACHING EXPERIENCE

#### C.1.1 COURSES TAUGHT AT UT SPH

<i>Semester</i>	<i>Course name</i>	<i>Role</i>	<i>Number of students</i>	<i>Student assessed teaching effectiveness (Score is out of 5)</i>
Spring 2018	Econometrics in Public Health PHD 3930	Lead instructor 100%	21	4.7
Fall 2017	Advanced Health Economics PHD 3935	Co-instructor 34%	13	4.6 (All Instructors: 4.7)*
Fall 2017	Methods for the Economic Evaluation of Health Programs PH 3915	Co-instructor 20%	34	4.4 (All Instructors: 4.5)*
Spring 2017	Advanced Econometrics PHD 3931	Lead instructor 100%	25	4.8
Fall 2016	Advanced Health Services Research Method PHD 3945	Co-instructor 40%	14	5.0 (All Instructors: 4.7)*
Fall 2016	Methods for the Economic Evaluation of Health Programs PH 3915	Co-instructor 20%	26	4.9 (All Instructors: 4.9)*
Spring 2016	Advanced Econometrics PHD 3931	Lead instructor 100%	18	4.9
Fall 2015	Methods for the Economic Evaluation of Health Programs PH 3915	Co-instructor 20%	37	4.4 (All Instructors: 4.7)*
Fall 2015	Advanced Health Economics PHD 3935	Co-instructor 33%	11	5.0 (All Instructors: 5.0)*
Spring 2015	Advanced Econometrics PHD 3931	Lead instructor 100%	8	4.8
Fall 2014	Advanced Health Services Research Method PHD 3945	Co-instructor 20%	3	5.0 (All Instructors: 4.5)*
Spring 2014	Advanced Econometrics PHD 3931	Lead instructor 100%	18	4.7

Fall 2013	Doctoral Seminar – MPACH PHD 3980	Lead instructor 100%	14	4.0
Fall 2013	Advanced Health Economics PHD 3935	Co-instructor 33%	10	4.9 (All Instructors: 4.9)*
Spring 2013	Advanced Econometrics PHD 3931	Lead instructor 100%	15	4.8
Spring 2013	Advanced Health Services Research Method PHD 3945	Co-instructor 20%	20	4.1 (All Instructors: 4.2)*
Spring 2012	Advanced Econometrics PHD 3998	Lead instructor 100%	13	4.2

\* Average for all instructors teaching the course

### **C.1.2 COURSES TAUGHT OUTSIDE UT SPH (BEFORE EMPLOYMENT AT UT SPH)**

- Courses taught as the course coordinator/lead instructor - Advanced Statistical Methods; Seminar in Pharmacy Administration; Pharmacy Management II (Dealt with Financial aspects of healthcare management).
- Courses taught as co-instructor/co-coordinator - Pharmacy Management II (Dealt with Financial aspects of healthcare management); Applications of Strategic Management in Healthcare Organization.
- Courses taught as a guest lecturer - Regression Analysis and Methods; Financial Aspects of Healthcare Management; Research Methods in Pharmacy Administration; Pharmacy Management I (Class on Health Policy); Pharmacy Administration and Management II.

### **C.2.1 STUDENT MENTORING AT UT SPH**

#### **Advisor/Dissertation Chair – PhD/Dr.PH:**

Zheng (Mily) Wang	PhD-MPACH	2012-2014 (Graduated)
Siddharth Karanth	DrPH-MPACH	2014-2016 (Graduated)
Parisa Asgarisabet	PhD-MPACH	2014-present
Viraj Bhise	PhD-MPACH	2014-present
Hilda Sekabira	PhD-MPACH	2015-present
Vidya Venkataraman	PhD-MPACH	2015-present
Lu Zhang	PhD-MPACH	2015-present
Danmeng Huang	PhD-MPACH	2016-Present (Dissertation Supervisor)
Jessica Wise	PhD-MPACH	2017-present
Priyarsini Dasari	PhD-MPACH	2017-present
Margaret Katana	PhD-MPACH	2018-present

#### **Advisor/Thesis Chair – MPH:**

Manasi Suryavanshi	MPH-MAPCH	2013-2014 (Thesis Supervisor – Graduated)
Hannah Vardy	MPH-MPACH	2013-2015 (Graduated)
Hilda Sekabira	MPH-MPACH	2013-2015 (Graduated)
Jolyn Taylor	MPH-MPACH	2014-2016 (Graduated)
Lauren Ross	MPH-MPACH	2015-2016 (Moved from HSO to CHP)
Debanshu Roy	MPH-MPACH	2015-2017 (Graduated)
Suja S. Rajan		

Sukhvir Kaur Sandhu	MPH-MPACH	2015-2016 (Graduated)
Shireen Haq	MPH-MPACH	2015-2018 (Graduated)
Jessica Wise	MPH-MPACH	2016-2017 (Graduated)
Jaden Kohn	MPH-MPACH	2017-2018 (Thesis Supervisor - Graduated)
Susana Penate	MPH-MPACH	2017-2018 (Graduated)
Nicole Avellanet	MPH-MPACH	2017-Present
Clarissa Sanchez	MPH-MPACH	2017-Present
Ellen Wadler	MPH-MPACH	2017-Present
Hannah Todd	MPH-MPACH	2018-Present
Joseph Wozny	MPH-MPACH	2018-Present
Konstantinos Makris	MPH-MPACH	2018-Present

### **Committee Member – PhD/DrPH**

Santosh Gautam	PhD-MPACH	2012-2014 (Changed his topic and his committee – Student Graduated)
Bumyang Kim	PhD-MPACH	2010-2015 (Changed his topic and his committee – Student Graduated)
Tania Waheed	PhD-MPACH	2013-2016 (Graduated)
Junghyun Kim	PhD-MPACH	2013-2016 (Graduated)
Sapna Prasad	PhD-MPACH	2013-2017 (Graduated)
Austin Haag	PhD-MPACH	2014-2017 (Graduated)
Ying Cao	PhD-BIOS	2014-2015 (Graduated)
Jue Wang	PhD-BIOS	2015-2016 (Graduated)
Julio Allo	PhD-MPACH	2015-Present
Hyunsoo Hwang	PhD-BIOS	2016-2018 (Graduated)
Jun Zhang	PhD-BIOS	2016-Present
Tyler Wallace	PhD-MPACH	2017-Present
Andrea Cervin	PhD-MPACH	2017-Present
Sunny Ibeneme	PhD-MPACH	2017-2018 (Graduated)
Van Truong	PhD-EPI	2017-Present
John Umejiego	PhD-EPI	2017-2018 (Graduated)
Gayla Ferguson	PhD-MPACH	2018-Present

### **Committee Member – MPH/MS**

Christopher Manuel	MS-BIOS	2013-2014 (Graduated)
Bo Zhao	MS-BIOS	2015-2016 (Graduated)
Kayla-Joi Callahan	MS-EPI	2018-2018 (Graduated)

### **C.2.2 STUDENT MENTORING OUTSIDE UT SPH (UNIVERSITY OF HOUSTON COLLEGE OF PHARMACY)**

Aditi Kadakia	Advisor: MS-Pharmacy Administration	2009-2011 (Graduated)
Mark Kramer	Advisor: PhD-Pharmacy Administration	2010-2012 (Student switched advisor after I moved)
Sneha Mehta	Advisor: MS-Pharmacy Administration	2010-2012 (Student switched advisor after I moved)
Shweta Kakad	Advisor: MS-Pharmacy Administration	2010-2012 (Student switched advisor after I moved)

Archita Bhansali	Committee Member: PhD-Pharmacy Administration	2015-2017 (Graduated)
Smruti Jadav	Committee Member: MS-Pharmacy Administration	2012-2013 (Graduated)
Debajyoti Bhowmik	Committee Member: PhD-Pharmacy Administration	2011-2013 (Graduated)
Ankit Shah	Committee Member: MS-Pharmacy Administration	2010-2011 (Graduated)
Suja S. Rajan		

Rituparna Bhattacharya	Committee Member: MS-Pharmacy Administration	2010-2011 (Graduated)
Yuping Yu	Committee Member: MS-Pharmacy Administration	2009-2011 (Graduated)
Hemal Mehta	Committee Member: MS-Pharmacy Administration	2009-2010 (Graduated)
Jeetvan Patel	Committee Member: MS-Pharmacy Administration	2009-2010 (Graduated)
Rohan Parikh	Committee Member: MS-Pharmacy Administration	2009-2010 (Graduated)
Swapna Karkare	Committee Member: MS-Pharmacy Administration	2009-2010 (Graduated)
Ravi Goyal	Committee Member: MS-Pharmacy Administration	2009-2010 (Graduated)

## **D. SERVICES**

### **D.1 SERVICES TO THE UNIVERSITY**

- University of Texas – **School-wide Faculty Compensation Plan Ad Hoc Committee** (September 2018-Present)
- University of Texas – **School-wide Diversity Committee** (July 2018-Present)
- University of Texas – **Director HE/HSR PhD Program** (January 2016-Present)
- University of Texas – **School-wide Curriculum Committee – Member** (January 2016-Present)
- University of Texas – **School-wide Faculty Awards Committee - Member** (2015-2017)
- University of Texas – School wide presentation about the “Availability and Use of Various Claims Datasets”, available through the UT SPH/BCBSTX Payment Systems and Policies Research Program in collaboration with Dr. Cecilia Ganduglia-Cazaban. (September 19<sup>th</sup>, 2014)
- University of Texas – **CHPPR Cancer Research Group - Datasets/Data Analysis Sub-Group – Leader** (2013-2015)
- University of Texas – **CHPPR Cancer Research Group – Member** (2013-2015)
- University of Texas – Applicant evaluation and voting for HE/HSR and HSO student admissions (2012-present)
- University of Texas – **School-wide Faculty Council – Member** (2012-2015)
- University of Texas – **Scholarship Committee – Member** (2012)
- University of Houston – Admissions committee – Member (2010-2012)
- University of Houston – Faculty Merit Review committee – Member (2011)
- University of Houston – Curriculum Review for Graduate Level Statistics sub-committee –Member (2010-2012)
- University of Houston – College of Pharmacy Self-Study Reading committee – Reader (2011)

### **D.2 REVIEWER FOR PEER-REVIEWED JOURNALS**

- Medical Care
- Value in Health
- Journal of Clinical Oncology
- American Journal of Managed Care
- Breast Cancer Research and Treatment
- Head and Neck
- BMC Geriatrics
- Drugs and Aging
- Journal of Managed Care Pharmacy
- Journal of Medical Economics
- American Journal of Preventive Medicine
- Non-profit and Voluntary Sector Quarterly
- Texas Public Health Journal
- Cancer Investigation
- Journal of Public Health Management and Practice
- Movement Disorders
- Stroke



- PLOS ONE
- Diabetes Care
- Journal of General Internal Medicine

### **D.3 EXTERNAL SERVICES TO THE PROFESSION**

1. Invited for being a reviewer for the “Omnibus Funding Opportunity Announcements (FOAs) PAR-14-007 (R03s) and PAR-13-146 (R21s), NCI Small Grants Program for Cancer Research) and NCI Exploratory/Developmental Research Grant Program”. October 14-15, Washington DC. Declined as this was close to my pregnancy due date but agreed to participate for an invitation in 2016.
2. Invited for being a reviewer for the Omnibus Funding Opportunity Announcement (FOA) PAR-14-007 (R03s), NCI Small Grants Program for Cancer Research. June 11-12, 2015, Washington, DC. Declined due to health reasons (bed rest and treatment during second trimester of pregnancy) but agreed to participate for an invitation in 2016.
3. Abstract Reviewer: IHEA abstracts – 2013; ISPOR abstracts – 2010 and 2011
4. Poster and podium awards judging panel – ISPOR 2011
5. Faculty Advisor: ISPOR-UT SPH student chapter (2015-Present)
6. Free consultations and advice about health economics and statistics/econometrics concepts and study design for colleagues at the Medical Center and outside who are working on unfunded projects or are unable to budget for an economist in their grants. These are usually just one time consultations or on and off assistance to make sure their methods are right. These usually do not result in any research products like publications.

### **D.4 COMMUNITY SERVICES**

Volunteer teacher at the Literacy Advance Houston

### **D.5 MEMBERSHIPS**

2009-2010 American Association for College of Pharmacy  
 2009-present International Society for Pharmacoeconomics and Outcomes Research  
 2009-present Academy Health  
 2012-present International Health Economics Association

### **E. TECHNICAL AND STATISTICAL SKILLS**

- Excellent working knowledge of Statistical software – STATA, R, SAS, Treeage, JMP, SPSS, FORTRAN, SUDAAN, SPECTRUM (Including AIM, DemProj and EpiModel)
- Excellent working knowledge of other software – MS Office (Including Macros programming in Excel), MATLAB, EndNote, ProCite
- Good working knowledge of Atlas ti, Crystal Ball, @RISK
- Good understanding of the AIDS Risk Reduction Model In-depth knowledge of principles underlying Statistical Design of Experiments
- Excellent data management skills due to experience with claims and other population based data including Texas Cancer Registry, Medicare, Medicaid, Surveillance Epidemiology and End Results (SEER) linked to Medicare

claims, Consumer Assessment of Healthcare Providers and Systems linked to Medicare claims, and National Survey of Giving, Volunteering, and Participating.

- Strong fundamentals through extensive coursework in Microeconometrics, Biostatistics, Statistical Modeling using longitudinal data, Duration Modeling (Survival Analysis), Cost-effectiveness Analysis, Sample Survey Methods, Demographic Techniques, Life Table Analysis, Probability Theory, Monte Carlo Simulation, Markov Modeling