

# 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

Health Systems Center, UT SPH, 2012-present  
Center for Healthcare Data, UT SPH, 2019-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

- 2023 UTHealth School of Public Health Faculty Award for Excellence in Teaching
- 2014 UTHealth School of Public Health Faculty Award for Excellence in Research
- 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: Principal Investigator (Effort: 25%)  
Sponsor: **Veteran’s Health Administration**  
Title: “Clay Hunt Suicide Prevention for American Veterans (SAV) Act Evaluation”  
Duration: 11/29/2021-11/30/2024  
Amount: \$270,000
2. Role: Co-Principal Investigator (Effort: 30%)  
Sponsor: **Genentech Inc**  
Title: “Comparative and Cost Effectiveness of Reperfusion Therapies for Acute Ischemic Stroke”  
Duration: 02/21/2018 – 06/30/2020 (Completed)  
Amount: \$250,000
3. 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
4. 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

5. 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**

1. Role: Sub-contract PI (Effort: 10%)  
 Sponsor: **Veterans Affairs Health Services Research & Development**  
 Title: “Effect of Patient Priorities Care Implementation in Older Veterans with Multiple Chronic Conditions”  
 Duration: 06/01/2021-09/30/2025  
 Amount: \$1,200,000
  
2. Role: Sub-contract PI (Effort: 10%)  
 Sponsor: **Veterans Affairs Health Services Research & Development**  
 Title: “Medicaid expansion and quality, utilization and coordination of health care for veterans with chronic kidney disease”  
 Duration: 05/01/2021-09/30/2025  
 Amount: \$1,198,601
  
3. Role: Sub-contract PI (Effort: 10%)  
 Sponsor: **Gordon and Betty Moore Foundation**  
 Title: “The Safer Diagnosis Learning Lab: A Demonstration Project For Improving Diagnostic Safety”  
 Duration: 07/01/2017-12/31/2021 (Completed)  
 Amount: \$3,525,397
  
4. Role: Sub-Contract PI (Effort: 20%)  
 Sponsor: **Veterans Health Administration - Health Services Research & Development**  
 Title: “Economic Evaluations and Outcome Analysis of Interventions Geared Towards Improving Housing, Mental Health, Social Integration, and Quality of Life Outcomes for Homeless Veterans”  
 Duration: 01/01/2020 - 09/30/2021 (Completed)  
 Amount: \$55,688
  
5. Role: Sub-contract PI (Effort: 20%)  
 Sponsor: **Veterans Affairs Health Services Research & Development**  
 Title: “Geriatrics and Extended Care Contract”  
 Duration: 05/01/2019-09/30/2019 (Completed)  
 Amount: \$1,099,000
  
6. Role: Sub-contract PI (Effort: 12%)  
 Sponsor: **Veterans Affairs Health Services Research & Development**  
 Title: “Less is More: Improving antimicrobial stewardship for asymptomatic bacteriuria”  
 Duration: 01/01/2018-09/30/2021 (Completed)  
 Amount: \$1,075,794
  
7. Role: Sub-contract PI (Effort: 5%)  
 Sponsor: **Veterans Affairs Health Services Research & Development**  
 Title: “Improving the Measurement of VA Facility Performance to Foster a Learning Healthcare System”  
 Duration: 06/01/2017-09/30/2021 (Completed)

- Amount: \$1,120,854
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: **Veterans Affairs Health Services Research & Development**  
 Title: “Peer Facilities – Veterans Integrated Service Networks Contract”  
 Duration: 04/01/2014-12/31/2019 (Completed)  
 Amount: \$1,097,800

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

1. Role: Co-investigator (Effort: 10%) PI: Bijal Balasubramanian  
 Sponsor: **National Cancer Institute**  
 Title: “Enhancing Primary Care Capacity for Cancer Survivorship Care Delivery in Community Health Clinics”  
 Duration: 06/20/2024 - 05/31/2029  
 Amount: \$5,303,883
2. Role: Co-investigator (Effort: 10%) PI: Robert O. Morgan  
 Sponsor: **National Institute on Aging**  
 Title: “Enhancing Sleep Quality for Nursing Home Residents with Dementia: Pragmatic Trial of an Evidence-Based Frontline Huddling Program”  
 Duration: 05/01/2023 - 04/30/2027  
 Amount: \$1,061,979
3. Role: Co-investigator (Effort: 15%) PI: Lara Savas and Melissa Peskin  
 Sponsor: **University of Texas System /Texas Child Mental Health Care Consortium (TCMHCC)**  
 Title: “External Evaluation of Texas Child Health Mental Health Consortium Initiatives”  
 Duration: 08/01/2023 – 10/31/2025  
 Amount: \$799,995
4. Role: Co-investigator (Effort: 5%) PI: Maria Fernandez  
 Sponsor: **National Cancer Institute**  
 Title: “LISTOS for Cancer Control - Leveraging Implementation Science to Optimize Strategies for Cancer Control”  
 Duration: 09/01/2023 – 08/31/2028  
 Amount: \$4,823,011
5. Role: Co-investigator (Effort: 20%) PI: Jack Tsai  
 Sponsor: **National Institute of Nursing Research/NIH/DHHS (NINR)**  
 Title: “Evaluating the impact of U.S. eviction moratoria on acute care use and costs”  
 Duration: 09/22/2022 – 09/21/2026  
 Amount: \$1,879,968
6. Role: Co-Investigator (Effort: 10%) PI: Shreela Sharma  
 Sponsor: **Harris County Hospital District (HCHD)**  
 Title: “A Prescription for Healthy Living”  
 Duration: 12/15/2021 – 03/31/2023 (Completed)

- Amount: \$511,809
7. Role: Co-Investigator (Effort: 10%) PI: Cecilia Ganduglia-Cazaban and Trudy Krause  
 Sponsor: **Texas Health and Human Services Commission**  
 Title: "Cross-agency Coordination on Healthcare Strategies and Measures (5 Agency)"  
 Duration: 09/01/2019 - 08/31/2022 (Completed)  
 Amount: \$15,000,000
  8. Role: Co-Investigator (Effort: 25%) PI: James C. 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: 10/01/2016-08/31/2022 (Working on Publications)  
 Amount: \$2,497,277 (UTHealth SPH's share)
  9. Role: Co-investigator (Effort: 8%) PI: Jack Tsai  
 Sponsor: **Episcopal Health Foundation**  
 Title: "Evaluation of a Collaborative Program Between an Affordable Housing Provider and a Managed Care Organization"  
 Duration: 08/16/2021 - 08/15/2022 (Completed)  
 Amount: \$115,732
  10. Role: Co-investigator (Effort: 8%) PI: Paula Cuccaro  
 Sponsor: **Texas Association of Community Health Centers/Health Resources & Services Administration**  
 Title: "Evaluating the Impact of COVID-19 on Community Health Centers in Texas"  
 Duration: 09/15/2020 - 01/15/2022 (Completed)  
 Amount: \$113,967
  11. 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 (Completed)  
 Amount: \$475,295
  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: **Grotta – Mobile Stroke Unit Philanthropic Funds**  
 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.1.4 GRANTS – MENTOR**

21. Role: Mentor PI: Drs. Fernandez and Mullen  
Sponsor: **NIH**  
Title: "Cancer Prevention and Control Research Training and Career Development Program"  
Duration: 09/01/2018 - 08/31/2023  
Amount: \$2,144,645

## B.2.1 PEER-REVIEWED JOURNAL PUBLICATIONS

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

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

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

† **Publications from funded projects**

1. Ruiz JI†, Lei X, Giordano SH, Zhao H, **Rajan SS**, Lin H, Suarez-Almazor ME. Survival in patients with rheumatoid arthritis and recently diagnosed early-stage colorectal, lung, or prostate cancer receiving tumor necrosis factor inhibitors: a retrospective cohort study. *The Lancet Rheumatology*. Accepted December 2024.
2. **Rajan SS**‡†, Duman AJ, Winkler M. Association between Intensive Community Mental Health Recovery Service Receipt and Psychiatric Symptoms among Veterans. *Psychol Serv*. Conditionally Accepted November 2024.
3. **Rajan SS**‡†, Yamal JM, Wang M, Saver JL, Jacob AP, Gonzales NR, Ifejika N, Parker SA, Ganey C, Gonzalez MO, Lairson DR, Bratina PL, Jones WJ, Mackey J, Lerario M, Navi BB, Alexandrov AW, Alexandrov A, Nour M, Spokoiny I, Bowry R, Czap AL, Grotta JC. A Prospective Multicenter Analysis of Mobile Stroke Unit Cost-Effectiveness. *Annals of Neurology*. Accepted September 2024.
4. Suarez-Almazor ME†, Ruiz JI, Lei X, Wu CF, Zhao H, **Rajan SS**, Giordano SH. Trends in the use of biologic disease-modifying antirheumatic drugs in patients with rheumatoid arthritis and recently diagnosed colorectal, lung, or prostate cancer. *Clin Rheumatol*. 2024 Sep 4. Accepted July 2024
5. Ruiz JI†, Lei X, Wu CF, Giordano SH, Zhao H, **Rajan SS**, Lin H, Suarez-Almazor ME. Survival in patients with rheumatoid arthritis and early breast cancer treated with tumor necrosis factor inhibitors. *Breast Cancer*. 2024 Aug 8.
6. Duman AJ†, **Rajan SS**‡, Lahiri S, Ghosh P, Mercer B. Association between Psychosocial Rehabilitation and Recovery Center Service Receipt and Reported Internalized Stigma among Veterans. *Psychol Serv*. 2024 Aug;21(3):426-434.
7. Ruiz JI†, Lei X, Wu CF, Zhao H, Giordano SH, **Rajan SS**, Suarez-Almazor ME. Utilization of Biologic Disease-Modifying Antirheumatic Therapy in Patients With Rheumatoid Arthritis and Recently Diagnosed Breast Cancer. *Arthritis Care Res*. 2024 Jun;76(6):850-859.
8. **Rajan SS**‡†, Sarvepalli S, Wei L, Meyer AND, Murphy DR, Choi D, Singh H. Medical Home Implementation and Follow-Up of Cancer-Related Abnormal Test Results in the Veterans Health Administration. *JAMA Netw Open*. 2024 Mar 4;7(3):e240087.
9. Tsai J†, **Rajan SS**, Truong C, Schick V, Ganduglia C. Evaluation of a collaborative model between managed care and affordable housing on acute care costs. *Am J Manag Care*. 2024 Mar;30(3):133-138.
10. Navi BB†, Bach I, Czap AL, Wang M, Yamal JM, Jacob AP, Parker SA, **Rajan SS**, Mir S, Sherman C, Willey JZ, Saver JL, Gonzalez MO, Singh N, Jones WJ, Ornelas D, Gonzales NR, Alexandrov AW, Alexandrov AV, Nour M, Spokoiny I, Mackey J, Collins SQ, Silnes K, Fink ME, English J, Barazangi N, Bratina PL, Volpi J, Rao CPV, Griffin L, Persse D, Grotta JC. Strokes Averted by Intravenous Thrombolysis: A Secondary Analysis of a Prospective, Multicenter, Controlled Trial of Mobile Stroke Units. *Ann Neurol*. 2024 Feb;95(2):347-361.
11. Czap AL†, Alexandrov AW, Nour M, Yamal JM, Wang M, Jacob AP, Parker SA, Tariq MB, **Rajan SS**, Alexandrov AV, Jones WJ, Navi BB, Spokoiny I, Mackey J, Lerario MP, Gonzalez MO, Singh N, Bowry R, Grotta JC. Impact of Mobile Stroke Units on Patients With Large Vessel Occlusion Acute Ischemic Stroke: A Prespecified BEST - MSU Substudy. *Stroke: Vascular and Interventional Neurology* 4(1). Dec 2023

12. Pirlog BO†, Jacob AP, **Rajan SS**, Yamal JM, Parker SA, Wang M, Bowry R, Czap A, Bratina PL, Gonzalez MO, Singh N, Zou J, Gonzales NR, Jones WJ, Alexandrov AW, Alexandrov AV, Navi BB, Nour M, Spokoyny I, Mackey J, Silnes K, Fink ME, Sherman CP, Willey J, Saver JL, English J, Barazangi N, Ornelas D, Volpi J, Rao CP, Griffin L, Persse D, Grotta JC. Outcomes of patients with pre-existing disability managed by mobile stroke units: A sub-analysis of the BEST-MSU study. *Int J Stroke*. 2023 Dec;18(10):1209-1218.
13. Amenta E†, Grigoryan L, **Rajan SS**, Ramsey D, Kramer JR, Walder A, Chou A, Van JN, Krein S, Hysong S, Naik AD, Trautner BW. Quantifying the Implementation and Cost of a Multisite Antibiotic Stewardship Intervention for Asymptomatic Bacteriuria. *Antimicrobial Stewardship & Healthcare Epidemiology*. 2023; 3(1): e115.
14. Zhao B, Huepenbecker S, Zhu G, **Rajan SS**, Fujimoto K, Luo X. Comorbidity network analysis using graphical models for electronic health records. *Front Big Data*. 2023 Aug 17:6:846202.
15. Truong VTT\*, Green C, Pedroza C, Hwang LY, **Rajan SS**, Suchting R, Cinciripini P, Tyndale RF, Lerman C. Bayesian regularization to predict neuropsychiatric adverse events in smoking cessation with pharmacotherapy. *BMC Medical Research Methodology*. 2023 Apr 29;23(1):107.
16. Kim J\*, Kim MS, **Rajan SR**, Du XL, Franzini L, Kim TG, Giordano SH, Morgan RO. Geographic Variations and the Associated Factors in Adherence to and Persistence with Adjuvant Hormonal Therapy for the Privately Insured women Aged 18–64 with Breast Cancer in Texas. *Curr. Oncol*. 2023, 30(4), 3800-3816.
17. Mackey J†, Yamal JM, Parker SA, Silnes K, **Rajan SS**, Jacob AP, Wang M, Singh N, Jones WJ, Spokoyny I, Navi BB, Saver JL, Grotta JC. Golden Hour Treatment with Tissue Plasminogen Activator in the BEST-MSU Study. *Stroke*. 2023 Feb;54(2):415-425.
18. Holcomb J†, **Rajan SS**, Ferguson GM, Sun J, Walton GH, Highfield L. Implementation of an Evidence-Based Intervention with Safety Net Clinics to Improve Mammography Appointment Adherence Among Underserved Women. *J Cancer Educ*. 2023 Feb;38(1):309-318.
19. Bowry R†, Parker SA, Bratine P, Singh N, Yamal JM, **Rajan SS**, Jacob AP, Phan K, Czap A, Grotta JC. Hemorrhage Enlargement Is More Frequent in the First 2 Hours: A Prehospital Mobile Stroke Unit Study. *Stroke*. 2022;53(7):2352-2360.
20. Woodard L†, Amspoker AB, Hundt NE, Gordon HS, Hertz B, Odom E, Utech A, Razjouyan J, **Rajan SS**, Kamdar N, Lindo J, Kiefer L, Mehta P, Naik AD. Comparison of Collaborative Goal Setting with Enhanced Education for Managing Diabetes - Associated Distress and Hemoglobin A1c Levels: A Randomized Clinical Trial. *JAMA Netw Open*. 2022;5(5):e229975
21. Czap AL†, Bahr-Hosseini MB, Singh N, Yamal JM, Nour M, Parker S, Kim Y, Restrepo L, Abdelkhaleq R, Salazar-Marioni S, Phan K, Bowry R, **Rajan SS**, Grotta JC, Saver JL, Giancardo L, Sheth SA. Machine Learning Automated Detection of Large Vessel Occlusion from Mobile Stroke Unit Computed Tomography Angiography. *Stroke*. 2022;53(5):1651-1656.
22. Tsai J†, M Huang, **Rajan SS**, Elbogen EB. Prospective association between receipt of the economic impact payment and mental health outcomes. *J Epidemiol Community Health*. 2022 Mar;76(3):285-292.
23. Czap AL†, Parker S, Yamal JM, Wang M, Singh N, Zou J, Phan K, **Rajan SS**, Grotta JC, Bowry R. Immediate Recanalization of Large Vessel Occlusions by tPA Occurs in 28% of Patients Treated on a Mobile Stroke Unit. *Stroke: Vascular and Interventional Neurology*. *Stroke: Vascular and Interventional Neurology*. March 2022;2:e000101.

24. **Rajan SS**††, Baldwin JL, Giardina TD, Singh H. Technology-Based Closed-Loop Tracking for Improving Communication and Follow-Up of Pathology Results. *J Patient Saf.* 2022 Jan 1;18(1):e262-e266.
25. Suk R, Hong YR, **Rajan SS**, Xie Z, Zhu Y, Spencer JC. Assessment of US Preventive Services Task Force Guideline–Concordant Cervical Cancer Screening Rates and Reasons for Underscreening by Age, Race and Ethnicity, Sexual Orientation, Rurality, and Insurance, 2005 to 2019. *JAMA Netw Open.* 2022 Jan 4;5(1):e2143582.
26. **Rajan SS**†, Wang M, Singh N, Jacob A, Parker SA, Czap AL, Bowry R, Grotta JC, Yamal JM. Retrospectively collected EQ-5D-5L data as valid proxies for imputing missing information in longitudinal studies. *Value Health.* 2021 Dec;24(12):1720-1727.
27. **Rajan SS**†, Tsai J. Estimation of Utility Values for Computing Quality Adjusted Life Years Associated with Homelessness. *Med Care.* 2021 Dec 1;59(12):1115-1121.
28. Asgarisabet P\*\*, **Rajan SS**†, Lee MJ, Morgan RO, Highfield LD, Erickson KF. The Beneficial Effect of Providing Kidney Transplantation Information on Transplantation Status Differs Between For-profit and Non-profit Dialysis Centers. *Transpl Int.* 2021 Dec;34(12):2644-2668.
29. 3 Co-First Authors[Grotta JC, Yamal JM, Parker SA]†, **Rajan SS**, Gonzales NR, Jones WJ, Alexandrov AW, Navi BB, Nour M, Spokoyny I, Mackey J, Persse D, Jacob AP, Wang M, Singh N, Alexandrov AV, Fink ME, Saver JL, English J, Barazangi N, Bratina PL, Gonzalez M, Schimpf BD, Ackerson K, Sherman C, Lerario M, Mir S, Im J, Willey JZ, Chiu D, Eisshofer M, Miller J, Ornelas D, Rhudy JP, Brown KM, Villareal BM, Gausche-Hill M, Bosson N, Gilbert G, Collins SQ, Silnes K, Volpi J, Misra V, McCarthy J, Flanagan T, Rao CPV, Kass JS, Griffin L, Rangel-Gutierrez N, Lechuga E, Stephenson J, Phan K, Sanders Y, Noser EA, Bowry R. Prospective, Multicenter, Controlled Trial of Mobile Stroke Units. **New England Journal of Medicine.** 2021 Sep 9;385(11):971-981.
30. O'Mahen P†, Mehta P, Knox MK, Yang C, Kuebel M, **Rajan SS**, Hysong SJ, Petersen LA. An Alternative Method for Public Reporting of Comparative Hospital Quality and Performance Data for Transparency Initiatives. *Med Care.* Sep 1;59(9):816-823.
31. **Rajan SS**††, Decker-Palmer M, Wise J, Dao T, Salem C, Savitz S. Beneficial effects of the 30-minute door-to-needle time standard for alteplase administration. *Ann Clin Transl Neurol.* 2021 Aug;8(8):1592-1600.
32. Nakalema HS\*\*, **Rajan SS**, Morgan RO, Lee MJ, Gillespie SL, Kekitiinwa AR. The Effect of Antiretroviral Therapy Guideline Change on Health Outcomes among Youth Living with HIV in Uganda. *AIDS Care.* 2021 Jul;33(7):904-913.
33. **Rajan SS**††, Akeroyd JM, Ahmed ST, Ramsey DJ, Ballantyne CM, Petersen LA, Virani SS. Healthcare costs associated with primary-care physicians versus nurse practitioners and physician assistants. *Journal of the American Association of Nurse Practitioners.* *J Am Assoc Nurse Pract.* 2021 May 31;33(11):967-974.
34. Reddy ST, Satani N, Beauchamp JES, Selvaraj S, **Rajan SS**, Rahbar MH, Tahanan A, Kim S, Holder T, Jiang X, Chen L, Kamal H, Indupuru HKR, Wu TC, Savitz SI. A meta-analysis of the global impact of the COVID - 19 pandemic on stroke care & the Houston Experience. *Ann Clin Transl Neurol.* 2021 Apr;8(4):929-937.
35. Yamal JM†, Parker SA, Jacob A, **Rajan SS**, Bowry R, Bratina P, Wang M, Nour M, Mackey J, Collins S, Jones W, Schimpf B, Ornelas D, Spokoyny I, Im JF, Gilbert G, Eisshofer M, Grotta JC. Successful Conduct of an Acute Stroke Clinical Trial During COVID. *PLoS One.* 2021 Jan 15;16(1):e0243603.
36. Wang M†, **Rajan SS**, Jacob AP, Singh N, Parker SA, Bowry R, Grotta JC, Yamal JM. Retrospective collection of 90-day modified Rankin Scale is accurate. *Clin Trials.* 2020 Dec;17(6):637-643.

37. Parker SA†, Kus T, Bowry R, Gutierrez N, Cai C, Yamal JM, **Rajan SS**, Wang M, Jacob AP, Souders C, Persse D, Grotta JC. Enhanced dispatch and rendezvous doubles the catchment area and number of patients treated on a mobile stroke unit. *J Stroke Cerebrovasc Dis*. 2020 August;29(8): 104894.
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## **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 AND REPORTS**

1. **Rajan SS** in collaboration with Aptive Resources and W2 Consulting. Clay Hunt Suicide Prevention for American Veterans (SAV) Act Evaluation Report Submitted to the **Veteran's Health Administration**. September 2024
2. Peskin M, Savas L, **Rajan SS**, Addy R, Frost E. External Evaluation of the Texas Child Mental Health Care Consortium. March 2024. Submitted to the **University of Texas System** and the **Texas Child Mental Health Care Consortium**.

3. **Rajan SS** in collaboration with Aptive Resources and W2 Consulting. Clay Hunt Suicide Prevention for American Veterans (SAV) Act Evaluation Report in Submitted to the **Veteran's Health Administration**. September 2023
4. **Rajan SS** in collaboration with Aptive Resources and W2 Consulting. Clay Hunt Suicide Prevention for American Veterans (SAV) Act Evaluation Report Submitted to the **Veteran's Health Administration**. September 2022
5. 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
6. 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
7. 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.3.1 INVITED PRESENTATIONS**

1. PRE-Hospital Stroke Treatment Organization (PRESTO) Invited Presentation on – A Prospective Multicenter Analysis of Mobile Stroke Unit Cost-Effectiveness – June 27<sup>th</sup>, 2024
2. Introduction to Economic Evaluation in Healthcare. Foundations in Health Services Research Seminar Series. Center for Innovations in Quality, Effectiveness and Safety - Veteran's Affairs Houston. April 18, 2022
3. Introduction to Economic Evaluation in Healthcare. Foundations in Health Services Research Seminar Series. Center for Innovations in Quality, Effectiveness and Safety - Veteran's Affairs Houston. April 12, 2021
4. Introduction to Economic Evaluation in Healthcare. Foundations in Health Services Research Seminar Series. Center for Innovations in Quality, Effectiveness and Safety - Veteran's Affairs Houston. April 11, 2019
5. 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
6. 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
7. 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. Benavides C, Duman A, Rajan SS, Winkler M. Differences in Inpatient Mental Health (IMH) 30-day readmission by veteran sociodemographic and clinical characteristics. Poster presentation. American Public Health Association 2024 Annual Meeting, Minneapolis, Minnesota, United States.

2. Duman AJ, Rajan SS, Winkler M. Receiving Community Mental Health Recovery (ICMHR) Services was associated with improvement in psychiatric symptoms among veterans. Poster presentation. American Psychiatric Association 2024 Annual Meeting, New York, New York, United States.
3. Millett TJ, Craddock Lee SJ, Craig DW, Eary R, Shay LA, Valerio-Shewmaker MA, Ghosh S, Lineberry M, Rajan SS, Ma HY, Balasubramanian BA. Implementation determinants of cancer survivorship care coordination in Texas primary care community health centers. Submitted to the 17th Annual Conference on the Science of Dissemination and Implementation in Health. Arlington, VA, USA. 2024
4. Czap AL, Rajan SS, Yamal JM, Jacob A, Wang M, Parker S, Sambursky J, Bowry R, Grotta JC, Sharrief AZ, Gonzales NR. Mobile stroke unit management associated with reduction in racial disparities in stroke treatment metrics. International Stroke Conference 2024.
5. Sambursky JA, Yamal JM, Wang M, Parker S, Jacob AP, Rajan SS, Bowry R, Grotta JC, Czap AL. Intracranial Hemorrhage Managed By A Mobile Stroke Unit. International Stroke Conference 2024.
6. Rajan SS, Wang M, Yamal JM, Grotta JC. Economic Evaluation of Using a Mobile Stroke Unit for Timely Treatment of Acute Ischemic Stroke. International Health Economics Association Conference **Podium Presentation** 2023.
7. Rajan SS, Grotta JC, Yamal JM, Parker S, Jacob A, Stein J, Downs A, Lutz BJ, Hoffnung D, Pietrzak J, Volkman KG, Weissling K, Picou K, Kovic M, Zorowitz RD, Bierner S, Dentel S, Pugh SB, Duncan PW. Development Of Comprehensive Post-Acute Stroke Program Standards. International Stroke Conference 2023
8. Rajan SS, Grotta JC, Yamal JM, Parker S, Jacob A, Savitz SI. Factors Associated With First Year Inpatient And Outpatient Rehabilitation Use Among Acute Ischemic Stroke Patients. International Stroke Conference 2023
9. Pirlog BO, Jacob AP, Yamal JM, Parker S, Rajan SS, Bowry R, Czap AL, Bratina P, Gonzalez MO, Singh N, Wang M, Zou J, Gonzales NR, Jones WJ, Alexandrov AW, Alexandrov AV, Navi BB, Nour M, Spokoyny I, Mackey JS, Fink ME, Saver JL, English JD, Barazangi N, Volpi JJ, Rao CP, Kass JS, Griffin L, Persse D, Grotta JC. Acute Stroke Treatment In Patients With Pre-existing Disability: A Secondary Analysis Of The BEST-MSU Trial. International Stroke Conference 2023
10. Bach I, Czap AL, Parker SA, Jacob AP, Mir S, Wang M, Yamal JM, Rajan SS, Saver JL, Gonzalez MO, Singh N, Jones W, Alexandrov AW, Alexandrov AV, Nour M, Spokoyny I, Mackey J, Fink ME, English J, Barazangi N, Volpi JJ, Rao CPV, Kass JS, Griffin LJ, Persse D, Grotta JC, Navi BB. Strokes Averted by Intravenous Thrombolysis: A Secondary Analysis of the BEST-MSU Trial. International Stroke Conference 2023
11. O'Mahen P, Eck E, Rajan SS, Yang C, Petersen L. Evaluating the Necessity of Using Multiple Data Sources to Estimate Comorbidity Indices for VA-Medicaid Dual-Enrollees. 2023 Annual Research Meeting
12. Tariq MB, Jacob AP, Wang M, Yamal JM, Nour M, Alexandrov AW, Alexandrov AV, Navi B, Spokoyny I, Jones W, Parker S, Rajan SS, Bowry R, Grotta JC, Czap AL. Mobile Stroke Unit Direct to Angiosuite Process Metrics and Clinical Outcomes. Abstract - Stroke: Vascular and Interventional Neurology. 2023
13. Ruiz J, Wu CF, Zhao H, Giordano S, Rajan SS, Suarez-Almazor. Utilization of Biologic and Targeted Disease Modifying Antirheumatic Therapy in Patients with Rheumatoid Arthritis and Breast Cancer. Arthritis & Rheumatology. Sep 2022
14. Rajan SS, Yamal JM, Parker SA, Jacob AP, Wang M, Ganey C, Czap A, Bowry R, Grotta JC. Economic Evaluation Of The Benefits Of Stroke Treatment Delivered Using A Mobile Stroke Unit Study. International Stroke Conference. February 2022 – **Prestigious Podium Presentation during the Main Event.**

15. Huepenbecker S, Deshmukh A, Sun C, Rajan SS, Harrison R, Giordano S, Meyer L. Cost-utility analysis of management strategies after frontline treatment of women with epithelial ovarian cancer. Society of Gynecologic Oncology Annual Meeting. March 2022.
16. Rajan SS, Grigoryan L, Van J, Lichtenberger P, Patel P, Shukla B, Calub F, Brown N, Nguyen P, Hershey C, Drekonja D, Graber C, Trautner B. Local Implementation of an Antibiotic Stewardship Intervention for Asymptomatic Bacteriuria through Centralized Facilitation Required Minimal Costs and Effort. IDWeek Fall 2021 (Held virtually this year).
17. Grotta JC, Parker S, Jacob A, Bowry R, Bratina P, Rajan SS, Wang M, Nour M, Mackey J, Collins S, Jones W, Schimpf B, Ornelas D, Spokoyny I, Im JF, Gilbert G, Yamal JM. Successful Conduct of an Acute Stroke Clinical Trial During COVID. International Stroke Conference; 2021 March.
18. Czap AL, Grotta JC, Wang M, Parker S, Bratina P, Phan K, Jagolino-Cole AL, Sheth SS, Rajan SS, Yamal JM, Bowry R. Early Recanalization of Large Vessel Occlusions by tPA on the Mobile Stroke Unit. Oral platform presented at: International Stroke Conference; 2021 March; Virtual.
19. Krause TM, Ganduglia-Cazaban CM, Savitz SI, Rajan SS. Stroke in Texas: Leveraging Population Level Data to Inform Public Health. International Stroke Conference; 2021 March.
20. Reddy ST, Wu TC, Rajan SS, Tahanan A, Rahbar MH, Indupuru HR, Chen L, Jiang X, Savitz SI. Impact of the COVID-19 Pandemic in Houston on Stroke Care in a Health System of 10 Stroke Centers. International Stroke Conference; 2021 March.
21. Czap AL, Grotta JC, Wang M, Parker S, Bratina P, Phan K, Jagolino-Cole AL, Sheth SA, Rajan SS, Yamal JM, Bowry R. Early Recanalization Of Large Vessel Occlusions By TPA On The Mobile Stroke Unit. Poster presented at: Society of Vascular Interventional Neurology Conference; 2020 Nov; Virtual.
22. D Huang, SS Rajan, SH Linder, DR Lairson, C Wenyaw, SH Giordano. A Claim-Based Algorithm Predicting Breast Cancer Stage at Diagnosis. ISPOR May 2020.
23. D Huang, SS Rajan, SH Linder, DR Lairson, C Wenyaw, SH Giordano. Healthcare costs of breast cancer by mammography screening behavior among commercially insured women aged 40-64. ISPOR May 2020.
24. Rajan SS, Wise JN, Decker-Palmer M, Dao T, Salem C, Savitz SI. Shorter door-to-needle times of intravenous alteplase improve “efficiency” of care and moderately affect “quality” of care: Study based on a large comprehensive stroke center. International Stroke Conference **Moderated Poster Presentation** – Los Angeles, CA, February 2020.
25. Czap AL, Singh N, Bowry R, Jagolino-Cole A, Parker SA, Bratina P, Guitierrez N, Phan K, Wang M, Sheth SS, Rajan SS, Yamal JM, Grotta JC. Mobile Stroke Unit CTA And Direct Notification Of Interventional Team Shortens Door-to-Puncture Time By One Hour. Oral platform presented at: International Stroke Conference; 2020 Feb; Los Angeles, CA.
26. Czap AL, Singh N, Bowry R, Jagolino-Cole A, Parker SA, Bratina P, Guitierrez N, Phan K, Wang M, Sheth SS, Rajan SS, Yamal JM, Grotta JC. Mobile Stroke Unit CTA and Direct Notification of Interventional Team Shortens Door-to-Puncture-Time by Nearly One Hour. Oral platform presented at: Society of Vascular Interventional Neurology Conference; 2019 Nov; Atlanta, GA.
27. Czap AL, Yamal JM, Singh N, Parker SA, Rajan SS, Bowry R, Grotta JC. Early Ischemic Changes on Serial CT Imaging in Acute Ischemic Stroke. Poster presented at: American Academy of Neurology Annual Meeting; 2019 May; Philadelphia, PA.

28. Asgarisabet P, Rajan SS, Walton G, Ferguson G, Highfield LD. Peace of Mind Program: Impact of the Dissemination and Implementation of a Mammography Adherence Evidence Based Intervention. Academy Health Annual Research Meeting Poster Presentation – Washington, DC, May 2019.
29. Czap AL, Parker SA, Yamal JM, Rajan SS, Bowry R, Sheth SA, Hwang H, Singh N, Bratina P, Bryndziar T, Alexandrov A, Alexandrov AW, Dusenbury W, Swatzell V, Jones W, Ackerson K, Schimpf B, Wright P, Grotta JC, Jagolino-Cole AL. Emergency Department Door-to-Puncture Time Since 2015-Observations from the BEST-MSU Study. **Moderated poster presented** at: International Stroke Conference; 2019 Feb; Honolulu, HI.
30. Czap AL, Yamal JM, Parker SA, Rajan SS, Bowry R, Grotta JC. Do Early Ischemic Changes occur on CT within the First Hour of Acute Ischemic Stroke. Poster presented at: International Stroke Conference; 2019 Feb; Honolulu, HI.
31. Czap AL, Yamal JM, Noopur S, Parker S, Rajan SS, Bowry R, Grotta J. Early Ischemic Changes On Serial CT In Acute Ischemic Stroke. Poster presented at: Society of Vascular Interventional Neurology Conference; 2018 Nov; San Diego, CA.
32. 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
33. 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
34. 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.
35. 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 **Podium Presentation**, Boston, MA. July, 2017
36. 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
37. Roth, I., Highfield, L., Bartholomew, L.K., Rajan, S.S., Fernandez, M.E., Valerio, M., Walton, G., Chambers, D. Asgarisabet, P., 2015. Ethical Considerations for Community Dissemination of an Evidence-Based Intervention: A Systematic Approach. Ethics Student Poster Session, American Public Health Association (APHA) Annual Meeting, Chicago, IL.
38. 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.
39. 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.
40. 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.**

41. 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.**
42. 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.
43. 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.
44. 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.
45. Begley CE, Rajan SS, Kim B. Texas breast cancer early detection and treatment outcomes study. CPRIT Conference Poster Presentation. Austin, TX. November, 2012.
46. 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
47. 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
48. 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
49. 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
50. 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
51. 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
52. 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
53. Rajan SS, Begley CE, Kim B. Texas breast cancer early detection and treatment outcomes study. CPRIT Conference PODIUM Presentation. Austin, TX. November, 2011.

54. Begley CE, Rajan SS, Kim B. Texas breast cancer early detection and treatment outcomes study. CPRIT Conference Poster Presentation. Austin, TX. November, 2011.
55. 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.
56. 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.
57. 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.
58. 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.
59. 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.
60. 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.
61. 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.
62. 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.
63. 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.
64. 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.
65. 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.
66. 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.

67. 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.
68. 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.
69. 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.
70. 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.
71. 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.
72. 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.
73. 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.
74. 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.
75. 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.
76. 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.
77. 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.
78. 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 2024	Econometrics in Public Health PHD 3930	Lead instructor 100%	21	4.7
Fall 2023	Methods for the Economic Evaluation of Health Programs PH 3915	Lead instructor 30%	37	4.5
Spring 2023	Econometrics in Public Health PHD 3930	Lead instructor 100%	15	4.2
Fall 2022	Methods for the Economic Evaluation of Health Programs PH 3915	Co-instructor 20%	29	4.4
Fall 2022	Advanced Health Services Research PHD 3945	Lead Instructor 25%	8	4.7
Spring 2022	Econometrics in Public Health PHD 3930	Lead instructor 100%	20	4.3
Fall 2021	Methods for the Economic Evaluation of Health Programs PH 3915	Co-instructor 20%	24	5.0
Fall 2020	Advanced Health Services Research PHD 3945	Lead Instructor 50%	13	4.7
Fall 2020	Methods for the Economic Evaluation of Health Programs PH 3915	Co-instructor 20%	28	4.7
Spring 2020	Econometrics in Public Health PHD 3930	Lead instructor 100%	20	4.5
Fall 2019	Advanced Health Economics PHD 3935	Co-instructor 33%	12	4.4
Fall 2019	Methods for the Economic Evaluation of Health Programs PH 3915	Co-instructor 20%	28	4.6
Spring 2019	Econometrics in Public Health PHD 3930	Lead instructor 100%	23	4.4
Fall 2018	Advanced Health Services Research PHD 3945	Lead Instructor 50%	6	5.0
Fall 2018	Methods for the Economic Evaluation of Health Programs PH 3915	Co-instructor 20%	29	4.7
Spring 2018	Econometrics in Public Health PHD 3930	Lead instructor 100%	21	4.7
Fall 2017	Advanced Health Economics PHD 3935	Lead instructor 34%	13	4.6
Fall 2017	Methods for the Economic Evaluation of Health Programs PH 3915	Co-instructor 20%	34	4.4
Spring 2017	Advanced Econometrics PHD 3931	Lead instructor 100%	25	4.8

Fall 2016	Advanced Health Services Research Method PHD 3945	Lead Instructor 40%	14	5.0
Fall 2016	Methods for the Economic Evaluation of Health Programs PH 3915	Co-instructor 20%	26	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
Fall 2015	Advanced Health Economics PHD 3935	Co-instructor 33%	11	5.0
Spring 2015	Advanced Econometrics PHD 3931	Lead instructor 100%	8	4.8
Fall 2014	Advanced Health Services Research Method PHD 3945 ( <b>New version taught 1<sup>st</sup> time</b> )	Co-instructor 20%	3	5.0
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
Spring 2013	Advanced Econometrics PHD 3931	Lead instructor 100%	15	4.8
Spring 2013	Advanced Health Services Research Method PHD 3945 ( <b>Old version</b> )	Co-instructor 20%	20	4.1
Spring 2012	Advanced Econometrics PHD 3998	Lead instructor 100%	13	4.2

### **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	2014-2020 (Graduated)
Viraj Bhise	PhD-MPACH	2014-leave of absence
Hilda Sekabira	PhD-MPACH	2015-2019 (Graduated)
Vidya Venkataraman	PhD-MPACH	2015-2022 (Graduated)

Lu Zhang	PhD-MPACH	2015-2020 (Graduated)
Danmeng Huang	PhD-MPACH	2016-2019 (Graduated - Dissertation Supervisor)
Jessica Wise	PhD-MPACH	2017-2019 (Changed topic and committee – Graduated)
Priyarsini Dasari	PhD-MPACH	2017-2022
Baneen Reaz Sheriff	PhD-MPACH	2018-present
Olufunke Akiyode	PhD-MPACH	2019-2023 (Graduated)
Christopher Ganey	PhD-MPACH	2019-present
Sharmily Roy	PhD-MPACH	2019-2023
Elvis Longanga Diese	PhD-MPACH	2020-present
Daniel Fu	PhD-MPACH	2021-present
Yu-Li Lin	PhD-MPACH	2021-present
Jae Man Park	PhD-MPACH	2021-present
Sreelatha Akkala	PhD-MPACH	2022-present
Juliana Lopez	PhD-MPACH	2022-present
Shuyao Ran	PhD-MPACH	2022-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)
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	2017-2019 (Graduated)
Clarissa Sanchez	MPH-MPACH	2017-2019 (Graduated)
Ellen Wadler	MPH-MPACH	2017-2019 (Graduated)
Hannah Todd	MPH-MPACH	2018-2019 (Graduated)
Joseph Wozny	MPH-MPACH	2018-2020 (Graduated)
Konstantinos Makris	MPH-MPACH	2018-2022 (Graduated)
Zoabe Hafeez	MPH-MPACH	2019-2021 (Moved from HSO to Epidemiology)
Rajesh Pandey	MPH-MPACH	2019-present
Sarah Huepenbecker	MPH-MPACH	2020-2022 (Graduated)
Seema Siddiqui	MPH-MPACH	2020-2022 (Graduated)
Mason Cotten	MPH-MPACH	2021-2022 (Graduated)
Danielle Gonzales	MPH-MPACH	2021-present
Blayton Jackson	MPH-MPACH	2021-present
Tracey Obi	MPH-MPACH	2021-2023 (Graduated)
Vivian Ramont	MPH-MPACH	2021-2023 (Graduated)
Jalon Chambers	MPH-MPACH	2021-2022 (Graduated)
Amanda Small	MPH-MPACH	2021-present

### **Committee Member – PhD/DrPH**

Santosh Gautam	PhD-MPACH	2012-2014 (Changed topic and committee – Graduated)
Bumyang Kim	PhD-MPACH	2010-2015 (Changed topic and committee – Graduated)
Tania Waheed	PhD-MPACH	2013-2016 (Graduated)
Junghyun Kim	PhD-MPACH	2013-2016 (Graduated)
Suja S. Rajan		

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	2015-2023 (Graduated)
Hyunsoo Hwang	PhD-BIOS	2016-2018 (Graduated)
Jun Zhang	PhD-BIOS	2016-2018 (Graduated)
Tyler Wallace	PhD-MPACH	2017-2019 (Graduated)
Andrea Cervin	PhD-MPACH	2017-2020 (Graduated)
Sunny Ibeneme	PhD-MPACH	2017-2018 (Graduated)
Van Truong	PhD-EPI	2017-2021 (Graduated)
John Umejiego	PhD-EPI	2017-2018 (Graduated)
Gayla Ferguson	DrPH-MPACH	2018-2020 (Graduated)
Yuanyuan Liu	PhD-BIOS	2019-2020 (Graduated)
Cassandra Enzler	DrPH-HPBS	2019-2019 (Changed topic and committee)
Duo Yu	PhD-BIOS	2020-2021 (Graduated)
Pengwei Zhu	PhD-BIOS	2020-2023 (Graduated)
Bo Zhao	PhD-BIOS	2020-2023 (Graduated)
Babak Soltanalizadeh	PhD-BIOS	2021-present
Cuihong Zhang	PhD-BIOS	2021-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)
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 – **Departmental HE/HSR and HSO Student Scholarship Committee** (January 2023-present)
- University of Texas – **Search Committee Chair for two Health Services Research Positions** (August 2022 – Present)
- University of Texas – **Search Committee Chair for two Health Economics Positions** (August 2022 – Present)
- University of Texas – **MPACH Leadership Committee** (February 2022 – Present)
- University of Texas – **Search Committee Member for Faculty Position in our Center for Healthcare Data** (September 2021 – May 2022)
- University of Texas – **Search Committee Chair for a Leadership Position requiring a Senior Health Services Researcher** (February 2021 – August 2022) – One Senior Candidate Hired; Three Junior Candidates Hired
- University of Texas – **Facilitating job search and internship search** with help from student affairs. We are putting together a spreadsheet with alumni information. We are also developing a training program collaboration with M D Anderson. (September 2020 – Present)
- University of Texas – **MD Anderson/UTHealth Population Health Initiative Research Workgroup** (January 2020-March 2021)
- University of Texas – **School-wide CEPH Program Review and Course Competency and Assessment Review** (July 2019-October2019)
- University of Texas – **School-wide IDEA (Diversity and Inclusion) Committee** (July 2018-August 2020)
- University of Texas – **Program Director for PhD HE/HSR and MPH HSO** (January 2016-Present)
- University of Texas – **School-wide Curriculum Committee – Member** (January 2016-Present)
- University of Texas – **Departmental HE/HSR and HSO Student Admissions Application Evaluation and Voting** (February 2012-present)
- University of Texas – **School-wide Faculty Compensation Plan Ad Hoc Committee** (September 2018-Janury 2019)
- 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 – **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
- Journal of American Heart Association

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

1. Led a Mentor Luncheon at the International Health Economics Association Conference – 11<sup>th</sup> July, 2023
2. Session Moderator at the International Health Economics Association Conference – 8<sup>th</sup> – 12<sup>th</sup> July, 2023
3. Expert Panel Member for the Trainee Rapid Fire Presentations at the Stroke Transitions of Care and Post-Stroke Care Conference - October 6th-7th, 2023
4. National Implementation and Economics Workgroup (February 2019-Present)
5. 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.
6. 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.
7. Abstract Reviewer: IHEA abstracts – 2013; ISPOR abstracts – 2010 and 2011
8. Poster and podium awards judging panel – ISPOR 2011
9. Faculty Advisor: ISPOR-UT SPH student chapter (2015-Present)
10. 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**

1. Houston Independent School District – Pandemic-Related Instructional Continuity Plan Committee (July 2020-Present)
2. Houston Independent School District – Communicable Disease Plan Committee (July 2020-Present)
3. 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  
2019-present American Heart 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