

# TARANG PAREKH, PhD, MBBS

Epidemiology Program  
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## Education

**2022** Ph.D. George Mason University, VA, USA (Health Services Research)  
**2017** M.S. George Mason University, VA, USA (Health and Medical Policy)  
**2014** M.B.B.S. Gujarat University, Ahmedabad, India  
*Bachelor of Medicine & Bachelor of Surgery (equivalent to US- MD)*  
*Physician License No: G-51168, Gujarat Medical Council, India*

## Current Academic Appointment

**2023 – Present** Assistant Professor of Epidemiology Program (tenure track), University of Delaware

## Other Professional Experience

**2022 - 2023** Postdoctoral Fellow, Houston Methodist Research Institute, Houston, TX  
**2018 - 2023** Graduate Research Assistant, George Mason University, Fairfax, VA  
*Course Instructor, Health Economics (Undergraduate level), Spring 2021*  
*Teaching Assistant/Instructor, Course: Advanced Statistics in Health Services Research II, Fall 2020*  
**2017 - 2018** Medical Doctor, Doctors Without Borders, India-Myanmar Border  
**2015 - 2017** Graduate Research Assistant, George Mason University, Fairfax, VA  
**2014 - 2015** Medical Officer, Civil Hospital, Ahmedabad, India  
**2014 - 2014** Research Associate, Gujarat State AIDS Control Society (GSACS), Ahmedabad, India

## Internship

**2020** Intern, Health Research, International Rescue Committee, Washington DC  
**2017** Intern, Medical Service Division, United Nations Secretariat, NY  
**2016** Intern, Government Relations, Health Information and Management Systems Society, VA

## Scholarships

**2022** Provost Doctoral Dissertation Completion Grant, George Mason University  
**2021** Provost High Impact Grant, George Mason University  
**2021** Provost Doctoral Research Scholarship, George Mason University  
**2020** Dr. Zobair Younossi Health Research Scholarship, 2020-21  
**2019** HSR Doctoral Student Scholar Development Fund, George Mason University  
**2019** Graduate Professional Travel Grant, George Mason University  
**2017** Graduate Professional Travel Grant, George Mason University  
**2015** Gujarat Social Welfare Endowment Fund for Foreign Education, Govt of Gujarat, India

## Research Funding

PI (Sutter); **Role: Research Assistant**, “Combating Opioid Overdose through a Peer Recovery Collaboration between Probation and Public Health Intervention.” University of Baltimore/EOP (G18990NDPC06A). 12/18 - 11/19. Completed.

**Co-Investigator**, “Assessing the Prevalence and Risk Factors of E-Cigarette and Tobacco Use by Disability Type” (Gimm, PI). R21 NIA, Submitted March 2021. Unfunded.

**Primary Investigator**, “Understanding the Dynamics of Social Determinants in Health Disparity, and Their Impact on Cardiovascular Disease.” Dissertation Research Funding, Office of the Provost, George Mason University, 2021-2022. Total \$18,000. Completed.

## Honors and Awards

- 2021** Career Enhancement Student Scholarship Award, American Public Health Association
- 2021** Best Scientific Merit Award, CHHS Celebration of Scholarship, George Mason University
- 2021** CHHS Student Research Honor Roll, George Mason University
- 2021** Provost Summer Research Fellowship, George Mason University
- 2020** Graduate Award of Excellence for Health Systems Research, George Mason University
- 2019** Best Scientific Merit Award, CHHS Celebration of Scholarship, George Mason University
- 2008** Gujarat Rural Community Achievement Award for Graduate Studies
- 2006** Gujarat Rural Community Achievement Award for Higher Studies
- 2006** Amul Co-operation Award of Excellence, Gujarat, India (Education)

## Refereed Manuscript Publications

1. Desai R, **Parekh T**, Singh S, Patel U, Fong HK, Zalavadia D, Savani S, Doshi R, Sachdeva R, Kumar G. Alarming Increasing Trends in Hospitalizations and Mortality With Heyde’s Syndrome: A Nationwide Inpatient Perspective (2007 to 2014). *Am J Cardiol.* United States; 2019 Apr 1;123(7):1149–1155. PMID: 30660352
2. Desai R, **Parekh T**, Goyal H, Fong HK, Zalavadia D, Damarlapally N, Doshi R, Savani S, Kumar G, Sachdeva R. Impact of gout on in-hospital outcomes of acute coronary syndrome-related hospitalizations and revascularizations: Insights from the national inpatient sample. *World J Cardiol.* 2019 May 26;11(5):137–148. PMID: PMC6536883
3. Desai R, **Parekh T**, Patel U, Hanna B, Damarlapally N, Patel C, Doshi R, Savani S, Sachdeva R, Kumar G. Regional trends in In-hospital Cardiac Arrest following sepsis-related admissions and subsequent mortality. *Resuscitation.* Ireland; 2019 Oct;143:35–41. PMID: 31408680
4. Desai R, **Parekh T**, Patel U, Fong HK, Samani S, Patel C, Savani S, Doshi R, Kumar G, Sachdeva R. Epidemiology of acute coronary syndrome co-existent with allergic/hypersensitivity/anaphylactic reactions (Kounis syndrome) in the United States: A nationwide inpatient analysis. *Int J Cardiol.* Netherlands; 2019 Oct 1;292:35–38. PMID: 31204069
5. Desai R, **Parekh T**, Hanna B, Sachdeva R, Kumar G. Reply to: Regional variation in cardiac arrest for patients with sepsis. *Resuscitation.* Ireland; 2019 Nov;144:211–212. PMID: 31557517
6. Hanna B, Desai R, **Parekh T**, Guirguis E, Kumar G, Sachdeva R. Psychiatric disorders in the U.S. transgender population. *Ann Epidemiol.* United States; 2019 Nov;39:1-7.e1. PMID: 31679894
7. **Parekh T**, Pemmasani S, Desai R. Marijuana Use Among Young Adults (18-44 Years of Age) and Risk of Stroke: A Behavioral Risk Factor Surveillance System Survey Analysis. *Stroke.* United States; 2020 Jan;51(1):308–310. PMID: 31707926

8. **Parekh T**, Pemmasani S, Desai R. Risk of Stroke With E-Cigarette and Combustible Cigarette Use in Young Adults. *Am J Prev Med. Netherlands*; 2020 Mar;58(3):446–452. PMID: 31924460
9. **Parekh T**, Desai R, Pemmasani S, Cuellar A. Impact of social determinants of health on cardiovascular diseases. *Journal of the American College of Cardiology. American College of Cardiology Foundation*; 2020 Mar 24;75(11\_Supplement\_2):1989–1989.
10. Desai A, Sachdeva S, **Parekh T**, Desai R. COVID-19 and Cancer: Lessons From a Pooled Meta-Analysis. *JCO Glob Oncol. 2020 Apr*;6:557–559. PMCID: PMC7193801
11. **Parekh T**, Desai R. Response by Parekh and Desai to Letter Regarding Article, “Marijuana Use Among Young Adults (18-44 Years of Age) and Risk of Stroke: A Behavioral Risk Factor Surveillance System Survey Analysis”. *Stroke. United States*; 2020 May;51(5):e92. PMID: 32252599
12. Desai R, Patel U, **Parekh T**, Hanna B, Sitammagari K, Fong HK, Lodhi MU, Varma Y, Damarlapally N, Doshi R, Savani S, Kumar G, Sachdeva R. Nationwide Trends in Prevalent Cardiovascular Risk Factors and Diseases in Young Adults: Differences by Sex and Race and In-Hospital Outcomes. *South Med J. United States*; 2020 Jun;113(6):311–319. PMID: 32483642
13. Desai R, Singh S, **Parekh T**, Sachdeva S, Kumar L, Sachdeva R, Kumar G. COVID-19 and Shock: A Cautionary Tale for Elderly Patients From a Pooled Analysis. *Ann Emerg Med. 2020 Jun*;75(6):789–791. PMCID: PMC7151519
14. **Parekh T**, Desai R. Response: Risk Is Not Causation. *Am J Prev Med. Netherlands*; 2020 Jun;58(6):896–897. PMID: 32444006
15. Desai R, **Parekh T**, Kumar G, Sachdeva R. First episodes versus first recurrent episodes of Takotsubo syndrome: Pathophysiologic findings remain significantly different with comparable clinical outcomes. *Int J Cardiol. Netherlands*; 2020 Jul 1;310:23–24. PMID: 32331902
16. Desai R, Singh S, **Parekh T**, Sachdeva S, Sachdeva R, Kumar G. COVID-19 and diabetes mellitus: A need for prudence in elderly patients from a pooled analysis. *Diabetes Metab Syndr. 2020 Aug*;14(4):683–685. PMCID: PMC7215159
17. Desai R, **Parekh T**. Cannabis-Associated Stroke Presentations: No Smoke Without a Fire. *J Emerg Med. United States*; 2020 Oct;59(4):606–607. PMID: 33183680
18. **Parekh T**, Owens C, Fay K, Phillips J, Kitsantas P. Use of e-Cigarettes and Development of Respiratory Conditions in Women of Childbearing Age. *South Med J. United States*; 2020 Oct;113(10):488–494. PMID: 33005962
19. **Parekh T**, Desai R. A Comparative Analysis of E-cigarette Users and State-Specific Prevalence Change in the United States Between 2017 and 2018. *Cureus. 2020 Dec 14*;12(12):e12079. PMCID: PMC7805501
20. Fong HK, Desai R, Faisaluddin M, **Parekh T**, Mahmood A, Shah V, Shah P, Varakantam VR, Abu Hassan F, Savani S, Doshi R, Gangani K. Sex disparities in cardiovascular disease outcomes among geriatric patients with prediabetes. *Prim Care Diabetes. England*; 2021 Feb;15(1):95–100. PMID: 32631808
21. Mohammed T, **Parekh T**, Desai A. Cardiovascular risk management in cancer survivors: Are we doing it right? *World J Clin Oncol. 2021 Mar 24*;12(3):144–149. PMCID: PMC7968105
22. Gimm G, **Parekh T**, Rossheim ME. Prevalence and risk factors of e-cigarette use among working-age adults with and without disabilities in 2017-2018. *Disabil Health J. United States*; 2021 Apr;14(2):101048. PMID: 33309537
23. **Parekh T**. Age-standardized prevalence of social determinants of health and associated race-ethnic disparities in stroke survivors. *European Journal of Preventive Cardiology. 2021 May 1*;28(Supplement\_1):zwab061.210.
24. **Parekh T**, Fahim F. Building risk prediction models for daily use of marijuana using machine learning techniques. *Drug Alcohol Depend. Ireland*; 2021 Aug 1;225:108789. PMID: 34087749

25. Desai R, **Parekh T**, Raina J, Itare V, Gandhi Z, Ghadri JR, Templin C, Paul TK, Sachdeva R, Kumar G. Takotsubo syndrome in patients with influenza infection or anti-influenza (Flu) vaccination. *Aging and Health Research*. 2021 Sep 1;1(3):100024.
26. Global, regional, and national burden of stroke and its risk factors, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet Neurol*. 2021 Oct;20(10):795–820. PMID: PMC8443449
27. Global, regional, and national sex-specific burden and control of the HIV epidemic, 1990-2019, for 204 countries and territories: the Global Burden of Diseases Study 2019. *Lancet HIV*. 2021 Oct;8(10):e633–e651. PMID: PMC8491452
28. **Parekh T**, Desai A. Demographic and Socioeconomic Disparities Among Cancer Survivors in Clinical Trials Participation, USA, 2016-2018. *J Cancer Educ*. 2022 Feb;37(1):88–90. PMID: PMC7288615
29. Diabetes mortality and trends before 25 years of age: an analysis of the Global Burden of Disease Study 2019. *Lancet Diabetes Endocrinol*. 2022 Mar;10(3):177–192. PMID: PMC8860753
30. **Parekh T**, Xue H, Cheskin LJ, Cuellar AE. Food insecurity and housing instability as determinants of cardiovascular health outcomes: A systematic review. *Nutr Metab Cardiovasc Dis*. Netherlands; 2022 Jul;32(7):1590–1608. PMID: 35487828
31. Population-level risks of alcohol consumption by amount, geography, age, sex, and year: a systematic analysis for the Global Burden of Disease Study 2020. *Lancet*. 2022 Jul 16;400(10347):185–235. PMID: PMC9289789
32. Mansuri Z, Patel K, **Parekh T**, Trivedi C, Patel S, Desai S, Desai R, Vadukapuram R, Reddy A, Baweja R. Frequency of Psychiatric Disorders in Adult Patients Hospitalized With Marital Problems. *Prim Care Companion CNS Disord*. United States; 2022 Aug 18;24(4):21br03156. PMID: 35985307
33. **Parekh T**, Cuellar AE, Farina-Morse M, Spencer N, Sutter RE. Where It Really Counts: Feasibility and Potential of the Peer Engaged Empowered Recovery Program for Substance-Dependent Jail Inmates. *J Addict Nurs*. United States; 2022 Sep 1;33(3):137–143. PMID: 36041157
34. **Parekh T**, Javed Z, Khan SU, Xue H, Nasir K. Disparities in Influenza Vaccination coverage and Associated Factors in Adults with Cardiovascular Diseases, United States, 2011 to 2020. *Prev Chronic Dis*. 2022 Oct 27;19:E67. PMID: PMC9616130
35. Gimm G, **Parekh T**, Kitsantas P. Assessing the Prevalence and Risk Factors of Marijuana Use in Adults with Disabilities. *Addict Behav*. 2023 Mar;138:107559. PMID: 36459827
36. **Parekh T**, Gimm G, Kitsantas P. Sexually Transmitted Infections in Women of Reproductive Age by Disability Type. *Am J Prev Med*. 2022 Dec 15; S0749-3797(22)00530-X. PMID: 36528453
37. Global Burden of Disease 2021 Health Financing Collaborator Network. Global investments in pandemic preparedness and COVID-19: development assistance and domestic spending on health between 1990 and 2026. *Lancet Glob Health*. Elsevier; 2023 Mar 1;11(3):e385–e413. PMID: 36706770
38. Makram OM, Nwana N, Nicolas JC, Gullapelli R, Pan A, Bose B, **Parekh T**, Al-Kindi S, Yahya T, Hagan K, Javed Z, Patel K, Sharma G, Jones SL, Cainzos-Achirica M, Maddock JE, Nasir K. Favorable Neighborhood Walkability is Associated With Lower Burden of Cardiovascular Risk Factors Among Patients Within an Integrated Health System: The Houston Methodist Learning Health System Outpatient Registry. *Curr Probl Cardiol*. 2023 Jun;48(6):101642. PMID: 36773946
39. Javed Z, Valero-Elizondo J, Cainzos-Achirica M, Sharma G, Mossialos E, **Parekh T**, Hagan K, Hyder AA, Kash B, Nasir K. Race, Social Determinants of Health, and Risk of All-Cause and Cardiovascular Mortality in the United States. *J Racial Ethn Health Disparities*. 2023 Apr 5; PMID: 37017921
40. Orji AF, Gimm G, Desai A, **Parekh T**. The Association of Cervical Cancer Screening with Disability Type among U.S. Women (25-64 years). *Am J Prev Med*. 2023 Aug 13;S0749-3797(23)00323-9. Epub ahead of print. PMID: 37582416.

41. **Parekh T**, Xue H, Al-Kindi S, Nasir K, Cheskin LJ, Cuellar AE. Food Environment Quality and Cardiovascular Disease Mortality in the United States: a County-Level Analysis from 2017 to 2019. *J Gen Intern Med*. 2023 Jul 28. Epub ahead of print. PMID: 37507552.
42. Bhatt P, Parmar N, **Parekh T**, Pemmasani S, Shaikh N, Boateng AJ, Donda K, Doshi H, Dapaah-Siakwan F. Predicting Lead-time RSV-Related Pediatric Hospitalizations from Historic Google Trend Search. *Hospital Pediatrics*. (Forthcoming).

### Working Papers

**Parekh T**, Mszar R, Hagan K, Lahan S, Javed Z, Nasir K. Cost and Non-cost Factors in Delayed Medical Care with Cardiovascular Disease in US Adults. (Under review – CDC-Preventive Chronic Disease)

Bhatt P, Parmar N, **Parekh T**, Pemmasani S, Linga VG, Donda K, Dapaah-Siakwan F. Trends in Cannabis Use among Pediatric Hospitalizations in the United States, 2009-2019. *Hospital Pediatrics*. (Revised and submitted)

**Parekh T**, Hagan K, Nasir K. Structural Racism and Cardiovascular Health Profile. (Working draft)

**Parekh T**, Hagan K, Javed Z, Nasir K. Neighborhood Environment and Physical Activity in Adults with Cardiovascular Disease. (Working draft)

Nguyen RT, Jain V, Acquah A, Khan SU, **Parekh T**, Javed Z, Nasir K. Association of Cardiovascular Risk Profile with All-Cause and Cardiovascular Mortality in Non-Elderly US Adults, 2006-2014. (Revised and Resubmit)

Hagan K, Javed Z, **Parekh T**, Lahan S, Yahya T, Hyder AA, Mossiolas E, Cainzos-Achirica M, Nasir K. Impact of Atherosclerotic Cardiovascular Disease on Health-related Quality of Life: Sex, Age, and Racial/Ethnic Trends and Disparities. (Revised and Resubmit)

**Parekh T**, Sutter R, Cuellar A. The role of Peers in Substance Use Problem; Framework for Future Engagement. 2021. (Under Review – Medical Care Research and Review)

Makram OM, Pan A, **Parekh T**, Maddock JE, Kash B. Exploring the Relationship Between Neighborhood Walkability and Mental Health: A Study of Urban Areas in Texas. (Under review – International Journal of Hygiene and Environmental Health)

### Refereed Abstracts

1. Desai R, Gupta S, Singh S, Bhuvra R, Zalavadia D, **Parekh T**, Patel U, Vyas M, Goyal H, Kumar G, Sachdeva R. Outcomes of SAVR Versus TAVR in Aortic Stenosis Hospitalizations with Angiodysplasia-Associated Gastrointestinal Bleeding (Heyde's Syndrome): Insights from a Nationwide Propensity-Matched Analysis. *J Am Coll Cardiol*. *Journal of the American College of Cardiology*; 2019 Mar 12;73(9 Supplement 1):1240.
2. Bhuvra R, Desai R, **Parekh T**, Kumar U, Dhaduk K, Khan MZ, Farheen N, Ravalani A, Sachdeva R, Kumar G. Nationwide Trends in In-Hospital Outcomes Among Medicaid and Self-Pay Enrollees Undergoing Percutaneous Coronary Interventions. *Circulation*. American Heart Association; 2019 Nov 19;140(Suppl\_1):A15505–A15505.
3. Desai R, Kumar U, Bhuvra R, **Parekh T**, Gupta S, Varma Y, Lodhi MU, Khan MZ, Farheen N, Sachdeva R, Kumar G. Impact of Co-Existing Chronic Obstructive Pulmonary Disease versus Obesity Hypoventilation Syndrome (Pickwickian Syndrome) on In-Hospital Outcomes of Percutaneous Coronary Interventions in Patients With Obstructive Sleep Apnea. *Circulation*. American Heart Association; 2019 Nov 19;140(Suppl\_1):A15047–A15047.
4. Desai R, Kumar U, Patel S, Varma Y, Vyas M, **Parekh T**, Ravalani A, Thakkar S, Sachdeva R, Kumar G. Burden and Impact of Cardiovascular Events versus Cerebrovascular Events in Moyamoya Disease: A Nationwide Inpatient Perspective, 2000-2015. *Circulation*. American Heart Association; 2019 Nov 19;140(Suppl\_1):A15799–A15799.
5. Desai R, Kumar U, Singh S, **Parekh T**, Lodhi MU, Gangani K, Sachdeva R, Kumar G. In-Hospital and 30-Day Outcomes Following Acute Mechanical Circulatory Support With Impella 5.0®/LD® Device: An

Updated Systematic Review and Meta-Analysis. *Circulation*. American Heart Association; 2019 Nov 19;140(Suppl\_1):A15478–A15478.

6. Desai R, **Parekh T**, Vyas A, Owens C, Khan MZ, Farheen N, Ravalani A, Gangani A, Sachdeva R, Kumar G. Global Prevalence of Cardiogenic Shock in Patients With Takotsubo Cardiomyopathy: A Systematic Review and Meta-Analysis of 77,537 Patients. *Circulation*. American Heart Association; 2019 Nov 19;140(Suppl\_1):A15056–A15056.
7. Desai R, Singh S, Bhuvu R, Hanna B, Patel U, **Parekh T**, Gangani K, Kumar G, Sachdeva R. Abstract 15243: In-Hospital Outcomes Following Alcohol Septal Ablation versus Septal Myectomy in Hypertrophic Cardiomyopathy With versus Without Atrial Fibrillation. *Circulation*. American Heart Association; 2019 Nov 19;140(Suppl\_1):A15243–A15243.
8. **Parekh T**, Pemmasani S, Desai R. Marijuana Use and Young Onset Stroke: A Cross-Sectional BRFSS Survey Analysis. *Circulation*. 2019 Nov 19;140(Suppl\_1):A14502–A14502.
9. Patel U, **Parekh T**, Singh S, Gangani K, Desai R. Alarming Trends in Cardiovascular Events and Worsening Outcomes Among Adult Hospitalizations With Prediabetes. *Circulation*. American Heart Association; 2019 Nov 19;140(Suppl\_1):A15752–A15752.
10. Desai R, Bhuvu R, Patel U, Mahmood A, Lodhi MU, Fong HK, **Parekh T**, Gangani K, Sachdeva R, Kumar G. Pooled Frequency of Stroke Within 30-Days Following Mechanical Circulatory Support with Impella 5.0@/LD@ Device: A Systematic Review and Meta-Analysis of Studies Published in the Last Decade (2009-2019). *J Am Coll Cardiol. Journal of the American College of Cardiology*; 2020 Mar 24;75(11 Supplement 1):1341.
11. Desai R, Bhuvu R, Patel U, Mahmood A, Lodhi MU, Fong HK, **Parekh T**, Gangani K, Sachdeva R, Kumar G. Pooled frequency of stroke within 30-days following mechanical circulatory support with IMPELLA 5.0@/LD@ Device: a systematic review and meta-analysis of studies published in the last decade (2009-2019). *Journal of the American College of Cardiology*. American College of Cardiology Foundation; 2020 Mar 24;75(11\_Supplement\_1):1341–1341.
12. Fong HK, Enezate T, Desai R, Low KM, **Parekh T**, Haque FA, Damarlapally N, Gangani K, Kumar G, Sachdeva R. In-hospital Mortality of Acute Myocardial Infarction in Young Adults (18-44 years old): A Nationwide Seasonal and Regional Comparison. *SCAI*; 2020 [cited 2022 Oct 13]. Available from: <https://scai.confex.com/scai/2020/meetingapp.cgi/Paper/10862>
13. Dave H, Edbor A, Dalal P, Pemmasani S, **Parekh T**, Desai R. Assessment of Thyroid Function by Term and Gestational Age: A Retrospective Analysis Using the Ponderal Index. *Pediatrics*. American Academy of Pediatrics; 2020 Jul 1;146(1 MeetingAbstract):382–383.
14. **Parekh T**, Betancourt C. Predictors and trend of treatment completion for substance use disorders among veterans. APHA Annual Meeting. American Public Health Association. 2020 Oct;
15. **Parekh T**, Gimm G. Medical and Recreational Marijuana Use Among Adults with Disabilities in 2019. APHA Annual Meeting. 2021 Oct;
16. **Parekh T**, Lahan S, Javed Z, Cainzos Achirica M, Nasir K. Abstract 11890: Association Between State Marijuana Legalization Policies and Marijuana Use Reasoning Among Adults with Cardiovascular Disease, 2017-2020. *Circulation*. 2022 Nov 8;146(Suppl\_1):A11890–A11890.
17. **Parekh T**, Lahan S, Javed Z, Patel K, Cainzos Achirica M, Nasir K. Abstract 11906: Association Between Neighborhood Environment and Physical Activity in Adults with Cardiovascular Disease in the United States. *Circulation*. 2022 Nov 8;146(Suppl\_1):A11906–A11906.
18. Makram OM, Nwana N, Nicolas C, Pan AP, Gullapelli R, Bose B, **Parekh T**, et al. Abstract 13513: Favorable Neighborhood Walkability is Associated with Lower Burden of CV Risk Factors Among Patients Within an Integrated Health System: Houston Methodist CVD Learning Health System Registry. *Circulation*. 2022 Nov 8;146(Suppl\_1):A13513–A13513.
19. Kesiena O, Hagan K, Mszar R, Hyder S, Makram OM, Lahan S, **Parekh T**, et al. Abstract 13740: Cumulative Social Disadvantage and Cost-Related Medication Non-Adherence Among US Adults with

Hypertension: The National Health Interview Survey 2014-2017. *Circulation*. 2022 Nov 8;146(Suppl\_1):A13740–A13740.

20. Aijaz A, Parekh T, Hagan K, Kesiena O, Javed Z, Allahverdiyeva A, et al. Abstract 14544: Association Between Employment Status and Occupational Groups with Prevalent Hypertension in Working-Age Adults in the United States in 2020. *Circulation*. 2022 Nov 8;146(Suppl\_1):A14544–A14544.

### Referred Conference Symposia, Papers, and Posters

- 2011** Poster Presenter, *Educational Intervention for Electric Cremation*, PSBH Seminar, Ahmedabad, India
- 2013** Invited Speaker, *Importance of Routine Immunization*, Primary and Community Health Centers, Gov. of Gujarat, Ahmedabad, India
- 2014** Invited Speaker, *Importance of Pre- and Post-Exposure Prophylaxis in HIV/AIDS*, ART Center, Gujarat State AIDS Control Society, Ahmedabad, India
- 2015** Keynote Speaker, *Non-Medical Vaccine Exception and Outbreak of Vaccine-Preventable Diseases*, George Mason University, VA, USA
- 2016** Invited Speaker, *Advancing Health IT and Education Need*, Marymount University, VA, USA
- 2016** Oral Presenter, *HIV/AIDS and need for Health Information Exchange*, Health Information and Management System Society (HIMSS), VA, USA
- 2017** Oral and Poster Presenter, *Assisted Living Facilities Demographics*, Southern Gerontology Society Conference, NC, USA
- 2017** Web-interface worldwide presenter, *Utilization of Medical Disabilities Guidelines for return-to-work assessment*, United Nations Clinics worldwide
- 2017** Oral Presenter, *Health Risk Assessment and GAP Analysis for Medical Evacuation*, United Nations Secretariat, USA
- 2018** Oral presenter, *Current Health Status of Manipur*,  
Workshop presenter, *Infection Control Strategies in Rural Clinics*, Médecins Sans Frontiers Educational Intervention, Manipur, India
- 2018** Oral presenter, *Need for Centralized Healthcare System and Data security in HIV/AIDS*, MSF General Assembly and Field Associative Debate, New Delhi, India
- 2018** Workshop presenter, *Treatment response with NS5A and NS3 RASs in Hep-C and HIV coinfecting patients*, MSF, Manipur, India
- 2019** Poster Presenter, *Predictors of Treatment Completion for Substance Use Disorders Among Housed and Homeless Population*, CHHS Celebration of Scholarship Conference, Fairfax, USA
- 2019** Poster Presenter, *Use of E-Cigarettes by Women of Childbearing Age and Odds of Developing Asthma or COPD*, CHHS Celebration of Scholarship, Fairfax, USA (**Best Scientific Merit Award**)
- 2019** Poster Presenter, *Assessment of Thyroid Function by Term and Gestational Age: A Retrospective Analysis Using the Ponderal Index*, American Academy of Pediatrics National Conference, 2019, New Orleans, Louisiana, USA
- 2019** Poster Presenter, *Global Prevalence of Takotsubo Cardiomyopathy: Systematic Review and Meta-analysis*, Scientific Sessions 2019, American Heart Association, Philadelphia, USA
- 2019** Oral Presenter, *Marijuana Use Among Young Adults and Risk of Stroke*, Scientific Sessions 2019, American Heart Association, Philadelphia, USA
- 2020** Virtual Presentation, *Social Determinants of Health and Cardiovascular Diseases*, World Congress of Cardiology, 2020, Chicago, US
- 2020** Virtual Poster Presentation, *Prevalence of Annual Influenza Vaccination Among Young Adults*. American Heart Association Scientific Sessions 2020.

- 2021** Virtual Poster Presentation, *Prevalence of Social Determinants of Health and Associated Demographic Disparities in Stroke-Survivors*. EAPC Congress 2021, European Society Cardiology, 2021.
- 2021** Virtual Oral Presentation, *Sexually Transmitted Diseases Among Women of Reproductive Age with Disabilities*. Disability Research Interest Group Session, Academy Health, 2021
- 2021** Virtual Oral Presentation, *Medical and Recreational use of Marijuana Among Adults with Disability in 2019*. American Public Health Association Annual Meeting, 2021 (**Career Enhancement Student Scholarship Award, Disability Section, APHA**)
- 2022** Invited Speaker, Health Services Research Seminar, Graduate course (Dr. C. Lewis, HAP 865), George Mason University, Fairfax, VA
- 2022** Virtual Poster Presentation, *Association Between Neighborhood Environment and Physical Activity in Adults with Cardiovascular Disease in The United States*. Scientific Sessions 2022, American Heart Association, Chicago, IL
- 2022** Virtual Poster Presentation, *Association Between State Marijuana Legalization Policies and Marijuana Use Reasoning Among Adults with Cardiovascular Disease*. Scientific Sessions 2022, American Heart Association, Chicago, IL

### **Editorial Activities**

Review Editor,  
Frontiers in Cardiovascular Medicine, 2023 – current  
Section, *Cardiovascular Epidemiology and Prevention*

Editorial Board Member,  
BMC Public Health (Springer Nature), 2021 - current  
Section, *Social Determinants of Health*

### **Journal Referee (- Current)**

JAMA Open; BMJ; Stroke; European Journal of Internal Medicine (EJIM); Circulation; Annals of Internal Medicine; American Journal of Preventive Medicine (AJPM); Journal of General Internal Medicine (JGIM); Journal of American Heart Association (JAHA); Cardiovascular Diagnosis and Therapy; Public Health; Preventing Chronic Diseases by CDC (PCD); Diabetes Research and Clinical Practice; Drug and Alcohol Dependence; Journal of Addiction Research and Therapy; BMC Geriatrics; Preventive Medicine; American Journal of Lifestyle Medicine (AJLM); Journal of Addiction Medicine; Preventive Medicine Reports

### **Selected Media Coverage**

- American Heart Association podcast– Opinion interview on flu vaccine rate in young adults with cardiovascular disease, November 2020.
- Medscape – Opinion interview on a study link between marijuana and stroke, June 2020
- ACC News – “Social, Financial Factors Critical to Assessing Cardiovascular Risk” - March 2020
- The Independent – “Vaping and Smoking together doubles likelihood of stroke, new study warns” – January 2020
- The Sun – “Smokers who vape increase their chances of suffering a stroke, experts find” – January 2020
- Medscape– “Marijuana Use Linked to Stroke, Arrhythmia in Young People” – November 2019
- Daily Mail UK–“Cannabis smokers may be two-and-a-half times more likely to suffer a stroke 'because compounds in the drug can narrow blood vessels in the brain’—November 2019



- CNN Health – “Using weed regularly raises the risk of heart problems for young people, studies find”, November 2019
- New York Post – “Marijuana use could double stroke risk in young adults, study suggests”—November 2019
- Newsweek – “Smoking weed may increase risk of stroke among young adults, study finds”—November 2019
- Fox5 DC – “Smoking weed may increase risk of stroke, arrhythmia in young adults, warns American Heart Association” – November 2019
- WebMD – “Frequent Pot Smokers Face Twice the Odds for Stroke” – November 2019

### **Professional Affiliations**

- 2023** - Abstract Reviewer, Academy Health – Social Determinants of Health Section
- 2021** - Member, Global Burden of Disease Collaborative Network, IHME
- 2021** - Member, European Society of Preventive Cardiology
- 2020** - Member, American College of Cardiology
- 2020** - Member, American Public Health Association
- 2019** - Member, American Heart Association
- 2016** - Member, Academy Health
- 2016** - Member, Upsilon Phi Delta National Honor Society
- 2016** - Member, Health Information and Management Systems Society
- 2015** - Member, Golden Key International Honor Society
- 2014** - Member, Medical Council of India
- 2013** - Member, Gujarat Medical Council