

## SOUMYADEEP MUKHERJEE

Community and Public Health Academician, Researcher, and Advocate; Epidemiologist; Focusing on Mental and Behavioural Health, Health Disparities, Life Course Epidemiology, Climate Change and Public Health, Acute and Chronic effects of traumatic experiences, Social Determinants of Health, and Statistical Analyses of Public Health Databases

### EDUCATION

**Certificate: Climate Change and Health; Feb. 2019–Jun. 2019**

Yale School of Public Health

Online certificate program included three courses: Introduction to Climate Change and Health; Climate Adaptation for Human Health; Climate Change Communication

**Postdoctoral Associate: Program in Public Health; Sep. 2016-Aug. 2018**

Stony Brook University (Stony Brook, New York, USA)

Supervisor: Dr. Sean Clouston

Postdoctoral research in project entitled, “A life course approach to integrating trauma and cognitive aging: a cohort of 9/11 responders,” project number 5R01AG049953

**Doctor of Philosophy (Ph.D.): Public Health (Epidemiology), 2016**

Florida International University (Miami, Florida, USA)

Area of dissertation: Antenatal stressful life events and postpartum-depression in the United States: the role of women’s socioeconomic status at the state level

Major Professor: Dr. Mary Jo Trepka

**Diploma in Public Health (DPH), 2011**

All India Institute of Hygiene and Public Health (Kolkata, West Bengal, India)

Focus: Women empowerment and health in rural West Bengal, India; Risk factors for non-communicable diseases among school teachers in suburban West Bengal, India

**Bachelor of Medicine, Bachelor of Surgery (MBBS), 2007**

Medical College, Kolkata (Kolkata, West Bengal, India)

### AWARDS AND HONORS

Recipient of the North Star Faculty Collaborative Fellowship for spring 2023

Winner in the written category in The Flame Challenge™ 2018. In this science

communication competition, scholars from all around the world are tasked with explaining scientific concepts to 11-year olds, who serve as judges for the entries. The 2018 challenge focused on “*What is climate?*” More information about the Challenge and winners [here](#).

Dissertation Year Fellowship (DYF), Florida International University (FIU): Summer 2016  
University-Wide Scholarship, FIU, 2016

Student Government Association (SGA) Graduate Scholarship from FIU: 2014-15

Selected in the 2<sup>nd</sup> cohort of Academy of Graduates for Integrative Learning Experiences (AGILE), University Graduate School, FIU, 2014.

American Public Health Association (APHA)-Student Assembly scholarship to attend APHA Annual Meeting 2013

Presidential Fellowship from FIU, 2011-2014

## PUBLICATIONS

Peer-reviewed journal articles ([Google Scholar profile](#) and [Bibliography from the National Library of Medicine](#) )

- Mukherjee, S.** (2022). The aftermath of a diagnosis: from resistance to reconciliation. *Families, Systems, & Health*. 40(4):615-616. doi: 10.1037/fsh0000764. PMID: 36508638.
- Global Burden of Disease (GBD) Collaborators (2022)<sup>1</sup>: Adolescent transport and unintentional injuries: a systematic analysis using the Global Burden of Disease Study 2019. *The Lancet Public Health*. 7(8), e657-e669. DOI: [https://doi.org/10.1016/S2468-2667\(22\)00134-7](https://doi.org/10.1016/S2468-2667(22)00134-7).
- Mukherjee, S.**, Taleb, Z. B., & Baiden, P. (2022). Locked, loaded, and ready for school: The association of safety concerns with weapon-carrying behavior among adolescents in the United States. *Journal of Interpersonal Violence*, 37(9-10), NP7751-NP7774. <https://doi.org/10.1177/0886260520969403>.
- Mukherjee, S.** (2020). Disparities, desperation, and divisiveness: Coping with COVID-19 in India. *Psychological Trauma: Theory, Research, Practice, and Policy*, 12(6), 582. <https://doi.org/10.1037/tra0000682>.
- Clouston, S. A., Smith, D. M., **Mukherjee, S.**, Zhang, Y., Hou, W., Link, B. G., & Richards, M. (2020). Education and cognitive decline: an integrative analysis of global longitudinal studies of cognitive aging. *The Journals of Gerontology: Series B*, 75(7), e151-e160. doi: [10.1093/geronb/gbz053](https://doi.org/10.1093/geronb/gbz053).
- Mukherjee, S.**, Clouston, S., Kotov, R., Bromet, E., Luft, B. (2019) Handgrip Strength of World Trade Center (WTC) Responders: The Role of Re-Experiencing Posttraumatic Stress Disorder (PTSD) Symptoms. *International Journal of Environmental Research & Public Health*, 16(7), 1128. <https://doi.org/10.3390/ijerph16071128>.
- Clouston, S. A., Kuan, P., Kotov, R., **Mukherjee, S.**, Thompson-Carino, P., Bromet, E. J., & Luft, B. J. (2019). Risk factors for incident prostate cancer in a cohort of World Trade Center responders. *BMC Psychiatry*, 19(1), 1-8. <https://doi.org/10.1186/s12888-019-2383-1>.
- Mukherjee, S.**, Clouston, S., Bromet, E., Luft, B. J. (2019). Past experiences of getting bullied and assaulted and posttraumatic stress disorder (PTSD) after a severe traumatic event in adulthood: A study of World Trade Center (WTC) responders. *Journal of Aggression, Maltreatment & Trauma*. <https://doi.org/10.1080/10926771.2018.1555873>.
- Mukherjee, S.**, McKinney, S., Darrow, W. (2018) AIDS and gay-related stigma among students attending a large Hispanic-serving university. *Sexuality & Culture*. <https://doi.org/10.1007/s12119-018-9516-4>.
- Clouston S, Pietrzak R, Kotov R, Richards M, Spiro A, Scott S, Deri Y, **Mukherjee S**, Stewart C, Bromet E, Luft B. (2017). Traumatic exposures, posttraumatic stress disorder, and cognitive functioning in World Trade Center responders. *Alzheimer's & Dementia: Translational Research and Clinical Interventions*, 3(4), 593–602. <https://doi.org/10.1016/j.trci.2017.09.001>. PMID: 29201993; PMCID: [PMC5700827](https://pubmed.ncbi.nlm.nih.gov/PMC5700827/)

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<sup>1</sup> All coauthors with respective affiliations are listed [in this file](#). Mukherjee is listed on pages 52 and 62, and his contributions listed on pages 68 and 70.

- Clouston S, Pietrzak R, Kotov R, Richards M, Spiro A, **Mukherjee S**, Luft B, Bromet E. 2017. Posttraumatic stress and fluid cognition: long-term outcomes of the World Trade Center disaster. *Innovation in Aging, 1*(suppl\_1), pp.483-484.
- Trepka, M. J., **Mukherjee, S.**, Beck-Sagué, C., Maddox, L. M., Fennie, K. P., Sheehan, D. M., & Lieb, S. (2017). Missed Opportunities for Preventing Perinatal Transmission of Human Immunodeficiency Virus, Florida, 2007-2014. *Southern Medical Journal, 110*(2), 116. PMID: 28158882
- Mukherjee, S.**, Fennie, K., Coxe, S., Madhivanan, P., Trepka, M. (2017). Racial and ethnic differences in the relationship between antenatal stressful life events and postpartum depression among women in the United States: Does provider communication on perinatal depression minimize the risk? *Ethnicity and Health, Jan 17*: 1–24. <http://dx.doi.org/10.1080/13557858.2017.1280137>. PMID: 28095722
- Mukherjee, S.**, Coxe, S., Fennie, K., Madhivanan, P., Trepka, M. Antenatal stressful life events and postpartum depressive symptoms in the United States: the role of women's socioeconomic status indices at the state level. (In press). *Journal of Women's Health, 26*(3): 276-285. PMID: 27875058
- Mukherjee, S.**, Coxe, S., Fennie, K., Madhivanan, P., Trepka, M. (2016). Stressful life event experiences of pregnant women in the United States: A latent class analysis. *Women's Health Issues, 27*(1): 83-92. PMID: 27810166
- Madhivanan, P., Pierre-Victor, D., **Mukherjee, S.**, Bhoite, P., Powell, B., Jean-Baptiste, N., Clarke, R., Avent, T., Krupp, K. (2016). HPV Vaccination and sexual disinhibition in females: A systematic review. *American Journal of Preventive Medicine. 51*(3):373–83. PMID: 27130864
- Mukherjee, S.**, Trepka, M., Pierre-Victor, D., Bahelah, R., Avent, T. (2016). Racial/Ethnic Disparities in Antenatal Depression in the United States: A Systematic Review. *Maternal and Child Health Journal. 20*(9): 1780–97. PMID: 27016352
- Pierre-Victor, D., **Mukherjee, S.**, Bahelah, R., Madhivanan, P. (2014): Human Papillomavirus Vaccine Uptake among Males 11-26 Years in United States: Findings from the National Health and Nutrition Examination Survey, 2011–2012. *Vaccine. 32*(49):6655–8. PMID: 25446825
- Mukherjee, S.**, Pierre-Victor, D., Bahelah, R., Madhivanan, P. (2014): Mental Health issues among Pregnant Women in Correctional Facilities: A systematic review. *Women and Health. 54*(8):816–42. PMID: 25190332
- Mukherjee, S.**, Madhivanan, P., Li, T., Srinivas, V., Jaykrishna, P., Arun, A., Krupp, K. (2014): Correlates of completing routine vaccination among children in Mysore, India. *Journal of Infection and Public Health. 8*(1):62–71. PMID: 25035093
- Madhivanan, P., Li, T., Srinivas, V., Marlow, L., **Mukherjee, S.**, & Krupp, K. (2014). Human papillomavirus vaccine acceptability among parents of adolescent girls: Obstacles and challenges in Mysore, India. *Preventive Medicine, 64* (2014), 69–74. PMID: 24732716
- Madhivanan, P., Srinivas, V., Marlow, L., **Mukherjee, S.**, Narayanappa, D., Mysore, S., Arun, A., Krupp, K. (2014): Indian parents prefer vaccinating their daughters against HPV at older ages. *Asian Pacific Journal of Cancer Prevention. 15*(1), 107–110. PMID: 24528008

**Mukherjee, S.** (2013): Comparing Adult Males and Females in the United States to Examine the Association between Body Mass Index and Frequent Mental Distress: An Analysis of Data from BRFSS 2011. *Psychiatry Journal*. Volume 2013, Article ID 230928, 11 pages <http://dx.doi.org/10.1155/2013/230928>. PMID: 24350237

#### Book Reviews

**Mukherjee, S.** (2018): Public Health Ethics: Global Cases, Practice, and Context. Eds.: Barrett, D., Dawson, A., Ortmann, L., Saenz, C., Reis, A., Bolan, G. SpringerOpen

**Mukherjee, S.** (2014): The Validation Breakthrough: Simple Techniques for Communicating with People with Alzheimer's-Type Dementia. Naomi Feil and Vicki de Klerk-Rubin. Baltimore, Maryland: Health Professions Press, 2012, 304 pages, \$34.95 (paperback), ISBN: 978-1-932529-93-7. *Educational Gerontology*. 40 (6), 470–472

**Mukherjee, S.** (2014): Doing Harder Time? The Experiences of an Ageing Male Prison Population in England and Wales. Natalie Mann. Ashgate Publishing, 2012, 141 pages, \$99.95 (hard cover). *Educational Gerontology*. 40 (11), 858–860

#### Newsletters and Others

**Mukherjee, S.** (2020) “Living through what I teach: Introspections on the COVID-19 experience and what lies ahead,” *Rhode Island COVID-19 Archive*, <https://ricovidarchive.org/items/show/8319>.

**Mukherjee, S.** (2020). "Teaching epidemiology during an ongoing pandemic: an unprecedented experience". *COVID-19 Papers and Essays*. 2. <https://digitalcommons.ric.edu/covid19/2>.

**Mukherjee, S.** (2015) Students, faculty and staff at Florida International University celebrate NPHW, 2015. American Public Health Association Student Assembly Newsletter

**Mukherjee, S.** A once in a lifetime experience that I would love to have again and again! American Public Health Association Student Assembly, Special Edition 2014 Newsletter (written as a requirement of the APHA-SA scholarship)

Sadhukhan, S.K., **Mukherjee, S.** (2013) Women Empowerment and Health; An Experience in a Rural Community of West Bengal *National Journal of Medical and Allied Sciences [NJMS]* 2013; 2(1):1-9 eISSN: 2319–6335

Solo-authored opinion pieces for online news portal in Bengali (English translations of the titles with hyperlinks to the actual publications are provided below)

[Indians indulge in caste-based discrimination even in the U.S.](#) (Feb, 2023)

[Vaccine resistance is driving a COVID-19 resurgence in the U.S.](#) (Dec, 2022)

[A concoction of fables and pseudo-science guised as scientific facts in a calendar from one of the premier institutions of science, engineering, and technology in India](#) (Dec, 2021)

[The rollout of COVID-19 vaccines in the U.S.: a milestone in the war against the pandemic](#) (May, 2021)

#### **PEER-REVIEWED PROFESSIONAL PRESENTATIONS**

**Mukherjee, S.** (2021, October) Climate extremes and mental distress among adults in the United States: An exploratory analysis based on nationally representative data

- Mukherjee, S.** (2020, October). Live and do not let die: An ethical argument against non-medical exemptions from school immunization requirements. In *APHA's 2020 VIRTUAL Annual Meeting and Expo (Oct. 24-28)*. American Public Health Association.
- Mukherjee, S.** (2020, October). Are the most surveilled schools necessarily the safest for students? an ethical conundrum. In *APHA's 2020 VIRTUAL Annual Meeting and Expo (Oct. 24-28)*. American Public Health Association.
- Mukherjee, S.** (2020, October). [Do religious minorities in India still have a right to health? an imminent humanitarian crisis](#). In *APHA's 2020 VIRTUAL Annual Meeting and Expo (Oct. 24-28)*. American Public Health Association.
- Mukherjee, S.** Safety regulations, bullying, and possession of weapons among high-school students: An ecological analysis. *American Public Health Association (APHA) 2019 Annual Meeting and Exposition*. November 5, 2019. Pennsylvania, PA [Oral presentation]
- Mukherjee, S., Ben-Taleb, Z. Global climate risk and suicide: An ecological analysis of data from 92 countries. *American Public Health Association (APHA) 2019 Annual Meeting and Exposition*. November 4, 2019. Pennsylvania, PA [Oral presentation; presented by Ben-Taleb as Mukherjee was unable to attend on the date of scheduled presentation]
- Mukherjee, S., Ben-Taleb, Z.** High school students' possession of guns and other weapons: A cause for concern, or a consequence of their own safety concerns? *American Public Health Association (APHA) 2018 Annual Meeting and Exposition*. San Diego, CA [Poster presentation]
- Mukherjee, S., Clouston, S., Stewart, C., Roman, K., Bromet E, Luft B.** Posttraumatic Stress Disorder (PTSD) and Handgrip Strength: A Study of World Trade Center (WTC) Responders. 34<sup>th</sup> Annual Meeting of the *International Society for Traumatic Stress Studies* November 2018, Washington DC [Poster presentation]
- Mukherjee S, Clouston S, Bromet E, Luft B.** Past experiences of getting bullied and posttraumatic stress disorder (PTSD) among World Trade Center (WTC) responders. 33<sup>rd</sup> Annual Meeting of the *International Society for Traumatic Stress Studies* November 2017, Chicago, IL [Poster presentation]
- Clouston S, **Mukherjee S**, Kotov R, Pietrzak R, Bromet E, Luft B. World Trade Center Experiences, Posttraumatic Stress Disorder, and Cognitive Functioning in Responders. 33<sup>rd</sup> Annual Meeting of the *International Society for Traumatic Stress Studies* November 2017, Chicago, IL [Poster presentation]
- Mukherjee S, Clouston S, Bromet E, Luft B.** Experiences of getting bullied and posttraumatic stress disorder (PTSD) among World Trade Center (WTC) responders. *New York City Epidemiology Forum (NYCEF) 2017*, February 2017, New York University School of Medicine [Poster presentation]
- Mukherjee, S., Clouston, S., Bromet, E., Luft, B.** Experiences of getting bullied and posttraumatic stress disorder (PTSD) among World Trade Center (WTC) responders. *New York City Epidemiology Forum (NYCEF) 2017*, February 2017 [Poster presentation]
- Mukherjee, S., Mc. Kinney, S., Darrow, W.** AIDS and gay-related stigma among students attending a large Hispanic-serving university. *American Public Health Association (APHA) 2016 Annual Meeting and Exposition*, October-November 2016, Denver, CO [Oral presentation]

- Mukherjee, S.**, Coxe, S., Fennie, K., Madhivanan, P., Trepka, M. Stressful life event experiences of pregnant women in the United States: A latent class analysis. (2016). *Epidemiology Congress of the Americas*, June 2016, Miami, FL [Poster presentation]
- Trepka, M., **Mukherjee, S.**, Maddox, L., Beck-Sague, C., Fennie, K., Sheehan, D., Prabhakar, M., Lieb, S., Thomson, D. (2016). Missed HIV diagnosis during pregnancy and perinatal transmission, Florida, 2007–2014. *Epidemiology Congress of the Americas*, June 2016, Miami, FL [Poster presentation]
- Trepka, M., **Mukherjee, S.**, Fennie, K., Sheehan, D., Maddox, L., Poschman, K. (2016). Linkage and retention in care among homeless people diagnosed with human immunodeficiency virus infection, 2004–2013, Florida. *International Conference on HIV Treatment and Prevention Adherence*, May 2016, Fort Lauderdale, FL [Poster presentation]
- Avent, T., Pierre-Victor, D., Bahelah, R., **Mukherjee, S.**, Anderson, C., Zohourian, T., Jean, N., Nebhrajana, R., Clarke, R., Madhivanan, M. (2015) Effect of Highly Active Antiretroviral Therapy on Risky Sexual Behaviors Among HIV Positive Individuals: A Systematic Review; *143<sup>rd</sup> APHA Annual Meeting and Exposition*, Oct. 31–Nov. 4, 2015, Chicago, IL.
- Mukherjee, S.**; Pierre-Victor, D.; Bahelah, R.; Trepka, M.J. (2014): Racial/Ethnic Disparities in Antenatal Depression in the United States: A Systematic Review. Mental Health section; *142<sup>nd</sup> APHA Annual Meeting and Exposition*, Nov. 15–19, 2014, New Orleans, LA. [Oral presentation]
- Pierre-Victor, D.; **Mukherjee, S.**; Bahelah, R.; Madhivanan, P. (2014): Risk Compensation Following Sexually Transmitted Infections Prevention Interventions: A Systematic Review. Poster session 2, *Society for Epidemiological Research 47<sup>th</sup> Annual Meeting*, June 24–27, 2014, Seattle, Washington. [Poster presentation]
- Pierre-Victor, D., **Mukherjee, S.**, & Bahelah, R. (2014). Human papillomavirus vaccine uptake among males 11–26 years in United States: Findings from National Health and Nutrition Examination Survey, 2011–2012. *MDF Research Conference*; Tampa, FL, February–March 2014 [Oral Presentation]
- Mukherjee, S.** (2013). Mental health and substance use among US adults: An analysis of 2011 Behavioral Risk Factor Surveillance Survey. Global Health and Other Health Care Student Projects Roundtable. *141<sup>st</sup> APHA Annual Meeting and Exposition*, November 2013, Boston, MA
- Mukherjee, S.**, Krupp, K., Srinivas, V., Jayakrishna, P., Shaheen, R., Arun, A., Bhavana Niranjakumar, B., Madhivanan, P. (2013). Correlates of completing routine vaccination among children in Mysore, India. Global Health and Other Health Care Student Projects Roundtable. *APHA Annual Meeting and Exposition*, November 2013, Boston, MA
- Madhivanan, P., Li, T., Albatineh, A., **Mukherjee, S.**, Srinivas, V., Gowda, S., Arun, A., Krupp, K. (2013). Poster Session 1. *Society for Epidemiological Research Annual Meeting*, June 18–21, 2013, Boston, MA

## RESEARCH AND WORK EXPERIENCE

Assistant Professor (tenure-track)

since September 2018



**Community and Public Health Promotion Program, Dept. of Health and Physical Education, Rhode Island College, Providence, RI**

Teaching, scholarship, and service

- Teach undergraduate and graduate level courses focusing on community and public health, epidemiology, health behaviour, health promotion and health education, health program planning, implementation and evaluation, advocacy for public health
- **Program coordinator** (since September 2020)

**Postdoctoral Associate, Program in Public Health                      September 2016–August 2018**  
**Stony Brook University, Stony Brook, NY**

Postdoctoral research under Dr. Sean Clouston in project entitled, “A life course approach to integrating trauma and cognitive aging: a cohort of 9/11 responders,” project number 5R01AG049953-02

Job responsibilities include:

- Assisting in data management, cleaning, and analysis to understand the unique ways the World Trade Center (WTC) attacks on 9/11 may have influenced cognitive aging
- Participate and assist in manuscript writing for peer-reviewed scientific journals and/or presentations; and in grant writing
- Investigate the role of traumatic life events experienced during childhood and/or during adulthood in post-traumatic stress disorder and cognitive decline
- Leading the organization of brown bag research seminars in PPH

**Graduate Research Assistant, Dept. of Epidemiology,                      May 2015–April 2016**  
**Florida International University, Miami, FL**

- Research Assistant to Dr. Mary Jo Trepka in examining racial/ethnic; socio-economic and geographical disparities in health
- Identifying barriers to the prevention of perinatal HIV transmission in Florida

**Graduate Research Assistant, School of Social Work,                      September 2014–April 2015**  
**Florida International University, Miami, FL**

- Research Assistant to Dr. Richard Beaulaurier in qualitative research on aging and emergency department use

**Graduate Assistant, Dept. of Epidemiology,                      August 2013–August 2014**  
**Florida International University, Miami, FL**

- Assisted faculty in teaching and research
- Organized departmental Journal Clubs, seminars and other extra-curricular activities
- Compiled articles and drafted the departmental newsletter- “Epidemiology News”

**Assistant Faculty, George Edcare,                      May–July 2011**  
**Kolkata, India**

- Tutored and mentored aspiring candidates for GRE examination

**House-staff, Department of Medicine                      April–June 2009**  
**Central Hospital, S.E. Rly., Garden Reach, Kolkata, India**

- Responsible for ward duties for indoor patients
- Emergency and on-call duties; and assistance in Out-patient department (OPD)

**House-staff, Dept. of Cardio medicine                      February–July 2007**  
**Institute of Cardiovascular Sciences, IPGMR& SSKM Hospital, Kolkata, India**

- Responsible for ward duties for indoor patients
- Emergency and on-call duties and Assisting in the Out-patient department (OPD)

### TEACHING EXPERIENCE

Courses taught at Rhode Island College (RIC)

HPE 202: Community/Public Health and Health Promotion

HPE 233: Social and Global Perspectives in Health

HPE 307: Introduction to Epidemiology

HPE 406: Program Planning in Health Promotion

HPE 419: Practicum in Community and Public Health

HPE 426: Internship in Community and Public Health

HPE 429: Seminar in Community and Public Health

HPE 500: Introduction to Health Education and Health Promotion

HPE 507: Epidemiology and Biostatistics

LIBS 150: Understanding the COVID-19 Pandemic (co-instructor)

Instructor of Introduction to the Research Process course (HPH 501) for PhD in Public Health, residents, and MPH students at Stony Brook University (SBU), fall 2017

Mentored a medical student in her summer research project at SBU during summer 2017

Guest lecturer in Epidemiology (HPH 514) course for MPH students at SBU in spring 2017 & spring 2018

Guest lecturer in “Epidemiology Methods: Observational Study Design” doctoral level course at Florida International University (FIU) (PHC 6013)

Conducted workshops on data input, management and analyses using SPSS software in a graduate-level course entitled, “Program Development and Evaluation for Health Promotion” at FIU (PHC 6750)

Conducted workshop on the fundamentals of data analyses using SPSS software with students involved in a survey entitled "Assessing the Oral Health of Youth and Families in Urban Miami Households: FIU HWCOCM Green Family Foundation NeighborhoodHELP™ Experience"

Led group and one-to-one sessions with Public Health students to help them understand the concepts of Epidemiology and Biostatistics

### INVITED LECTURES/INTERVIEWS/MEDIA

**Unseen Barriers to Inclusion** (2022): provided inputs pertaining to the challenges of neuro-atypical learners; published in Fall 2022 RIC Magazine (Dr. Mukherjee’s comments on page 28)

**Member of taskforce creating educational materials for Public Health training of Community Health Workers (CHWs):** ongoing project (2022) in collaboration with RIDOH and RIC

Panelist in **Virtual Panel: Epidemiology and Using Evidence to Address Racism** (2022)

[Discrimination is a Health Concern, say RIC Faculty](#) (2021): Conversation with RIC News regarding the health implications of the daily stress of being marginalized



[Community and Public Health Program Serves a Need in Rhode Island and Beyond](#) (2021): interview with RIC News, also published in the RIC Magazine

[RIC News Brief: Be it Violence or the Virus, Mukherjee's Focus is on Public Health and Safety](#) (2021): Dr. Mukherjee discusses the implications of his research and latest publications on school safety and weapons possession; as well as the far-reaching consequences of the COVID-19 pandemic

Invited presentation "[The Mental and Physical Health Costs of Racial Discrimination in the Workplace](#)" for the Public Health and Equity Sign Language Interpreting Program (PHESLIP), RIC  
Invited panelist for "[Essential Business: COVID Conversations](#)" featuring members from RIC and the community (March, 2021)

[Students and Faculty Address Colorism Across Diverse Communities, Part 2: The Effects of Colorism](#) (2020): Dr. Mukherjee discusses evidence regarding the health implications of skin-tone based discrimination or colorism.

[Students and Faculty Address Colorism Across Diverse Communities, Part 1: What is Colorism?](#) (2020) Dr. Mukherjee reflects on his experiences growing up in India in this conversation regarding the implications of skin-tone based discrimination or colorism.

[In America, COVID-19 Has Not Been an Equal Opportunity Virus](#): interview with RIC News; shared perspectives on the racial/ethnic disparities in COVID-19 infection and mortality. (2020)

[Misinformation in a Time of Pandemic](#): interview with RIC News; shared perspectives on the COVID-19 pandemic and the importance of reliable information. (2020)

Guest lecture for Yale Center on Climate Change and Health Student Associates Program: "Data exploration and health communications for the global climate crises: A health equity approach". (2020)

Health Disparities: Overview, measurements, and how to address; guest lecture (spring 2020) for ANTH 237: Measuring Inequality, Analyzing Injustice

Exploratory Data Analyses in Public Health: An overview and Practice using Excel; guest lecture/workshop (spring 2020) for HPE 562: Seminar in Health Education

### **REVIEWER/JUDGE**

Reviewed multiple policy statements and attended joint hearing sessions for the *American Public Health Association* (APHA) in 2020, 2021

*Women's Health Issues* (manuscript reviewer)

Reviewer for film submissions to the APHA-Global Public Health Film Festival 2018

Judge at 3MT thesis competition 2018 at SBU

Long Island Science & Engineering Fair (LISEF) 2018 (judged behavioural science projects)

*Public Health* (manuscript reviewer)

*Scientific Reports* (manuscript reviewer)

*Archives of Women's Mental Health* (manuscript reviewer)

*BMC Pediatrics* (manuscript reviewer)

*Journal of Affective Diseases* (manuscript reviewer)

*Psychiatry Research* (manuscript reviewer)

*Women & Health* (manuscript reviewer)

*Maternal and Child Health Journal* (manuscript reviewer)  
 American Public Health Association (APHA) - Student Assembly (abstract reviewer)  
 FIU McNair Scholars Research Conference (judged oral & poster presentations)

### EDITORIAL ROLE

Edited data briefs drafted by Rhode Island Public Health Association

Ji, H. (2018, March 29). WCUB 2017 Career Satisfaction Workshop: How Do I Find The Right Career For Me? [Blog post]. Edited by **Mukherjee, S.** Available at <https://nycscicomm.org/wcub-2017-career-satisfaction-workshop-how-do-i-find-the-right-career-for-me/>.

Mello, H. (2018, January 29). Science Outreach and Informal Education at What Can You Be with a PhD (WCUB) [Blog post]. Editors: Edited by **Mukherjee, S.**; Fehr, T. Retrieved from <https://nycscicomm.org/science-outreach-and-informal-education-at-what-can-you-be-with-a-phd-wcub/>.

Epidemiology News (spring 2014; fall 2013). Dept. of Epidemiology, FIU newsletter. Spring 2014. Edited by: **Mukherjee, S.**

### PROFESSIONAL DEVELOPMENT

New England Faculty Development Consortium (Fall 2022) focused on Authentic Learning strategies, full-day event at College of Holy Cross, Worcester, MA. This was supported by the RIC Faculty Center for Teaching and Learning (FCTL)

Summer 2020: Online learning workshop (QM)

FCTL Summer Camp: Engaging Students in Learning on Tuesday, July 23, 2019 at RIC

Follow Up workshop on The How To of Peer Review (5/24/19) at RIC

May 13-17, 2019 Summer Seminar for Teaching Writing, focusing on the development of Writing in the Disciplines (WID) instruction

23rd Annual Faculty Development Workshop, Jan 16, 2019

Online mini-course, The How To of Peer Review, November 2018

Attended “*Preparing Future Faculty*” conference at Stony Brook University (SBU); June 2018

Attended “*Communicating Climate Science*” 2-day workshop conducted by the Alan Alda Center at SBU, June 2018

Attended “*What Can You Be with a PhD*” career development event at New York University School of Medicine; Nov 4-5, 2017

Completed a short course entitled “Communicating Science: Improvisation for Scientists” in fall 2017 at SBU

Attended Faculty Career Month sessions hosted by the Center for Inclusive Education (CIE), SBU

Teaching workshops hosted by the Center for Inclusive Education (CIE), SBU

Successfully completed the Teaching Certification Program at the Center for the Advancement of Teaching, Florida International University (FIU)

- Participated in an FIU Diversity Week Workshop entitled, “A PLEA for Real Communication,” facilitated by Dr. Elaine Stein and sponsored by the FIU Center for Leadership.
- Participated in the global diversity seminar and workshop presented by AIESEC in Miami, at FIU on April 6, 2016. It included a presentations, discussions, and workshops by Farah Khorsandian-Sánchez, global diversity consultant, José Aldrich, dean of College of Business at FIU; Stanley Rigaud, Economic Developer at The Beacon Council; and John Kelley, a PeaceCorps Representative.
- Participated in a workshop on culturally responsive instruction, hosted by the Office of Global Learning Initiatives, FIU.
- Attended a discussion entitled, “How Can Grading Policy Options Influence Student Learning?” hosted by Center for the Advancement of Teaching, FIU; March 22, 2016.
- Attended colloquium entitled, "Advancing our Understanding of Gerontology: Interdisciplinary Perspectives on Aging and Health" at FIU; February, 2016.
- Graduated from the Academy of Leaders class of spring 2015, Center for Leadership & Service, FIU.
- Completed CITI training for Conflict of Interest (COI) during fall, 2014.
- Completed CITI Training course for Responsible Conduct of Research (RCR) in summer, 2014.
- Attended Robert Stempel College of Public Health & Social Work Doctoral Programs Colloquium Series, "The Art of Writing and Publishing in Science" by Dr. Michael Ross on March, 2014.
- Attended 6 hours of Writing, Research and Publication Discussion Group; spring 2013; Office of Academic Writing and Publication Support, Florida International University
- Completed FEMA Training modules IS100, 200 and 700 in spring, 2013
- Completed CITI Training course for Social/ Behavioural Research with human subjects, fall 2012
- Participated in and completed Community Emergency Response Team (CERT) Basic Training sponsored by Miami-Dade County, July 2012, Loews Miami Beach Hotel.

### **PROFESSIONAL AFFILIATIONS**

- American Public Health Association (APHA) - Ethics Section
- Rhode Island Public Health Association (RIPHA)
- The National Postdoctoral Association- since October 2016
- International Society for Traumatic Stress Studies (ISTSS): 2017–2019
- Young Professionals Chronic Disease Network, GHDonline- from November, 2013
- American Public Health Association (APHA) - Epidemiology Section
- American Public Health Association (APHA) - Student Assembly (SA) - July 2013–August 2016
- American Public Health Association (APHA) - from June 2013
- Stempel Public Health Association (SPHA) – fall 2011–Aug 2016
- Indian Association of Preventive and Social Medicine (IAPSM) - lifetime member since 2010.

## SERVICE

Member of General Education Task Force, RIC, 2022–

Member of Academic Technology Advisory Committee (ATAC), RIC Council, 2022–

Served in the ad hoc task force on Students' Mental health and Wellbeing, 2022–

Member of Undergraduate Curriculum Committee (UCC) at RIC since fall 2021

Member of Ad Hoc Technology Committee for the Feinstein School of Education and Human Development (FSEHD), RIC

Member of the Rhode Island Public Health Association (RIPHA) 25<sup>th</sup> Annual Meeting (2021) Planning Committee: 2021–

Member of Dialogue on Diversity and Inclusion (DDI) at Rhode Island College (RIC), 2019–

Member of RIPHA and Advocacy Team, 2019–

Volunteered at the ribbon handing out event prior to RIC commencement, spring 2019

Originator of UCC documents for the BS in Community and Public Health Promotion (CPHP) program, May 2019

Member of panel brainstorming proposed Master in Public Health (MPH), RIC, 2019–20

Interviewed candidates for graduate assistant position, department of HPE, RIC spring 2019

Member of RIC ad-hoc committee on suicide prevention 2019

Scribe for post-gubernatorial candidate debate focus group American Democracy Project, RIC (Oct 2018)

Judge at RI science project (Nov 2018)

Guided undergraduate student with data analysis for independent study

Mentor for undergraduate and high school students for summer research projects

Judge at 3MT thesis competition 2018 at Stony Brook University (SBU)

Judge at the Long Island Science & Engineering Fair (LISEF) 2018 (judged behavioural science projects)

Social media coverage team member at the *What Can You Be with a PhD* event at New York University (NYU) School of Medicine, November, 2017

Volunteer at the Epidemiology Congress of the Americas; June, 2016

Fundraiser for and participant at the American Foundation for Suicide Prevention (AFSP) Out of the Darkness Campus Walks, FIU, 2015 and 2016

Student representative on the Student Conduct Committee, Office of Student Conduct & Conflict Resolution, Florida International University (FIU), 2015

Chaired an oral presentation session at the Graduate Student Appreciation Week (GSAW), FIU; April, 2015

Student Ambassador at the 2015 and 2014 Annual Path Awards Luncheon presented by Robert Stempel College of Public Health & Social Work, FIU

Judge for undergraduate students' oral and poster presentations in the physical and life sciences, and, the social sciences at FIU McNair Scholars Research Conference, October, 2014

Assistant Editor: spring 2013, "Epidemiology News", Dept. of Epidemiology, College of Public Health, FIU

Informal sessions with Master's and doctoral students to help them understand concepts in Epidemiology and Bio-statistics: FIU

Have critiqued, proofread and gave feedback on fellow students' dissertations and dissertation proposals

### **LEADERSHIP**

Member of Board of Directors, Rhode Island Public Health Association (RIPHA), 2021–

- Part of the 2021 RIPHA Annual Meeting Planning Committee
- Attending monthly BOD meetings to discuss and strategize the next steps to strengthen and expand partnerships between stakeholders for public health in the state of Rhode Island
- Collaborating with BOD's on APHA grant on climate change and health capacity building (submitted)

Member of Faculty Policy Workgroup, Social Policy Hub for Equity Research in Education (SPHERE), RIC 2021–22

Section Councilor (2020–21; 2022-23), American Public Health Association (APHA) Ethics section

Executive board member, Dialogue on Diversity and Inclusion (DDI) at RIC 2020–2022

Coordinating monthly brown bag talks by different PhD/postdoc/faculty speakers in the Program in Public Health, Stony Brook University, on their ongoing research

Regional Student Liaison (RSL) for the South Atlantic Region of the American Public Health Association-Student Assembly (APHA-SA), January 2015 to December 2015

American Public Health Association-Student Assembly (APHA-SA) - Campus Liaison (CL): Florida International University (FIU), August 2013 to December 2014

Membership Ambassador, Membership Committee, APHA-SA- January 2014 to December 2015

APHA Liaison of Stempel Public Health Association (SPHA), FIU- August 2014 to July 2015

CSO Representative, Stempel Public Health Association (SPHA), FIU- August 2015 to December 2015

CSO Representative, Secular Student Alliance (SSA), FIU- January 2014 to July 2015

### **RESEARCH INTERESTS**

Short-, medium-, and long-term impacts of climate change on global public health: focus on health disparities

Social determinants of mental and behavioural health

Mental health issues related to pregnancy, childbirth, and in the postpartum period

Determinants of vaccination against Human Papillomavirus (HPV), measles, and other vaccine preventable diseases (VPDs) with a focus on knowledge, attitudes, and behavior, advocacy and policies, and health communication

Health disparities research (including disparities based on race/ethnicity, sexual orientation, gender)

Socioeconomic determinants of Alzheimer's disease AND Alzheimer's disease related dementias (AD/ADRD): international comparison

Stigma towards people with mental health issues, people with a known history of suicidal attempts, people living with HIV/AIDS, and the LGBTQIA+ : impacts on healthcare access and utilization

Weapons carrying (including possession of firearms), perceptions of safety, and bullying and other forms of violence among school students and related school policies

Suicide prevention and mental health promotion in college campuses

### **FUNDING/SUPPORT FOR RESEARCH, TEACHING, SERVICE, & SCHOLARSHIP**

NSF EPSCoR RII Track-1 (under review; 2022): Ecological and Societal Impacts of Plastic Degradation Products in Rhode Island’s Coastal Ecosystem: Informing Mitigation Strategies and Materials Innovation

Co-sponsorship grant award from the RIC Dialog on Diversity and Inclusion (DDI) to run an interdisciplinary College-wide book club around Paul Farmer’s classic—“*Infections and Inequalities: The Modern Plagues*”. Dr. Mukherjee collaborated with Dr. Glenn Rawson (Philosophy) for this grant. Upon receiving the award, they coordinated with faculty and students across all five schools to discuss each chapter of the book during fall of 2022. The goal is to get conversations started regarding how it is not merely an absence of resources, but a “relative” absence or relative poverty that contributes to worsening of public health outcomes.

Major grant from Committee for Faculty Scholarship and Development, Rhode Island College *Daily weather patterns and mental distress among adults in the United States: Analyses of pooled cross-sectional data from more than 500,000 respondents over a fifteen year period (2002–2017)*

1RF1AG058595-01A1, NIA (Clouston-PI, Mukherjee-Co-I): 02/15/19–01/31/24 *Social Inequalities and the Onset of Alzheimer's Pathology: The Role of Race/Ethnicity, Cognitive Reserve, and Occupational Complexity*

Funding from Feinstein School of Education and Human Development (FSEHD), Rhode Island College (RIC) to attend the American Public Health Association (APHA) Annual Meetings, 2018 and 2019

Mini grant from the Faculty Center for Teaching and Learning (FCTL) for professional development in teaching and learning. March 2019

Funding support from the Committee for Faculty Scholarship and Development, RIC for the 2018 APHA Annual Meeting at San Diego, CA

Robert Wood Johnson Foundation (Mukherjee PI; applied for): submitted proposal under the “pioneering ideas” category in October 2017 proposing a study on the *mental health of spouses/intimate partners of WTC responders, their intimate partner relationship quality, and level of cytokines in blood*

NIH Director’s Early Independence Award (Mukherjee PI; applied for): submitted in August 2017; one of two finalists from Stony Brook University (SBU) *Mental health and relationship quality among spouses of World Trade Center responders: A longitudinal study of partnership dynamics*

R01AG058595-01 (Clouston PI; Mukherjee Co-I; applied for) *Social inequalities and the onset of Alzheimer's pathology: The role of Race/Ethnicity, cognitive reserve, and occupational complexity*. Received an impact score of 43; 35 percentile



R01 AG049953 (Clouston PI; Mukherjee Co-I) 05/15/15-01/31/20 6.0 Calendar

*A life course approach to integrating trauma and cognitive aging: A cohort of 9/11 responders* Examining risk of cognitive limitations and of longitudinal declines in cognitive functioning among WTC responders in relation to PTSD; examining whether childhood adversities are explain these associations

P01 AG 043362, NIA (Clouston Stony Brook PI; Mukherjee Co-I) 07/01/13-06/30/18 6.0

Calendar *Integrative Analysis of Longitudinal Studies on Aging* Study of the role of social determinants of cognitive aging, examine the role of context in slowing or hastening aging, and develop methodologies of understanding variability in replication efforts around the world

Dissertation Year Fellowship, FIU

University Wide Scholarship, FIU

Student Government Association (SGA) Graduate Scholarship from FIU

FIU Graduate and Professional Student Committee - Conference Travel Award; 2013, 2014

Robert Stempel College of Public Health & Social Work, FIU- Conference Travel Award; 2013, 2014

Presidential Fellowship, FIU

### **TECHNICAL SKILLS**

Extensive experience with: statistical software SAS and SPSS

Basic knowledge in software: Mplus, AMOS, R, ATLAS-ti

Experience with: Microsoft Office (Excel, PowerPoint, Word, and Publisher), Write-N-Cite and RefWorks

Experience in: Systematic Reviews, analysing large datasets from National databases

### **SOFT SKILLS**

Leadership and collaborative skills

Skills in assisting others in conflict resolution

Interpersonal communication skills- written and oral

Certificate in Basic Psychology and Applied Counselling- Psychogenesis Research Foundation, Kolkata, India

Proficiency in languages other than English

- Proficient in reading, writing, speaking and understanding Bengali
- Proficient in speaking and understanding, able to read and write in Hindi