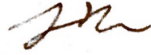


Curriculum Vitae

Notarization. I have read the following and certify that this *curriculum vitae* is a current and accurate statement of my professional record.

Signature



Date 09/05/2022

In general, do not list a work or activity more than once.

I. Personal Information

I.A.

Last Name: Nguyen

First Name: Thu

Middle Name: Thi Xuan

Contact Information:

Department of Epidemiology and Biostatistics

Atlantic Building, Room 1431

4254 Stadium Dr.

College Park, MD 20742

Phone: (617) 963-9595

Email: ttxn@umd.edu

I.A. Academic Appointments at UMD

08/2021-present **Associate Professor**, Department of Epidemiology and Biostatistics, University of Maryland School of Public Health, College Park, MD

I.B. Other Employment

10/2019-08/2021 **Assistant Professor**, Department of Family and Community Medicine
University of California, San Francisco, CA, San Francisco, CA

11/2014-9/2019 **Specialist (postdoctoral scholar)**, Department of Epidemiology and Biostatistics
University of California, San Francisco, CA, San Francisco, CA

11/2014-9/2019 **Teaching Assistant**, Multilevel Statistical Methods, Department of Social and Behavioral Sciences, Harvard T.H. Chan School of Public Health, Boston, MA

8/2012 – 5/2014 **Graduate Research Assistant**, Department of Social and Behavioral Sciences, Harvard T.H. Chan School of Public Health, Boston, MA

8/2006 – 12/2008 **Graduate Research Assistant**, Department of Epidemiology, UNC Gillings School of Global Public Health School, Chapel Hill, NC

I.C. Educational Background

- 2014 **ScD. Social Epidemiology**, Harvard T.H. Chan School of Public Health
- 2008 **M.S.P.H. Epidemiology**, UNC Gillings School of Global Public Health
- 2005 **B.A. Human Biology** (Concentration: disparities in health), Stanford University

I.D. Professional Certification, Licenses, Memberships

- 2006-present Society for Epidemiologic Research
- 2006-present American Public Health Association
- 2015-present American Heart Association

II. Research, Scholarly, Creative and/or Professional Activities

Google Scholar H-index: 16; Citations: 586 as of January 11, 2022

II. Research, Scholarly, Creative and/or Professional Activities

II.A. Chapters

A1. Reports

1. DeClerque JL, Shanahan E, **Nguyen TT**. Impact Report for Health Resources and Services Administration (HRSA) North Carolina Healthy Start: Eastern Baby Love Plus Program. 2010.
2. DeClerque JL, Shanahan E, **Nguyen TT**. North Carolina Healthy Start: the ultimate stimulus package, making investments that bring returns. 2010.
3. Clarkson L., Enright D., Heidari K., Huang Y., Huston SL., Mettam LH., **Nguyen TT.**, Winquist A. Tri-State Stroke Networks – Impact of stroke in the southeast region 2008. Raleigh, N.C.: N.C. Department of Health and Human Services. 2009.

II. B Refereed Journals

Refereed Journal Articles

1. Nguyen Q, Belnap T, Dwivedi P, Deligani A, Kumar A, Li D, Whitaker R, Keralis J, Mane H, Yue X. **Nguyen TT**, Tasdizen T, Brunisholz KB. Google Street View Images as Predictors of Patient Health Outcomes, 2017–2019. *Big Data and Cognitive Computing*. 2022; 6(1):15.

Contribution: drafting of the manuscript, and critical revision of the manuscript.

2. **Nguyen TT**, Nguyen QC, Rubinsky AD, Tasdizen T, Deligani AHN, Dwivedi P, Whitaker R, Fields JD, DeRouen MC, Mane H, Lyles CR, Brunisholz KD, Bibbins-Domingo K. Google Street View-Derived Neighborhood Characteristics in California Associated with Coronary Heart Disease, Hypertension, Diabetes. *Int J Environ Res Public Health*. 2021 Oct 3;18(19):10428. doi: 10.3390/ijerph181910428. PMID: 34639726; PMCID: PMC8507846.

Contribution: conception and design, acquisition of data, statistical analysis, interpretation of data, drafting of the manuscript, and critical revision of the manuscript.

3. **Nguyen TT**, Criss S, Michaels EK, Cross RI, Michaels JS, Dwivedi P, Huang D, Hsu E, Mukhija K, Nguyen LH, Yardi I, Allen AM, Nguyen QC, Gee GC. Progress and push-back: How the killings of Ahmaud Arbery, Breonna Taylor, and George Floyd impacted public discourse on race and racism on Twitter. *SSM Popul Health*. 2021 Sep 10;15:100922. doi: 10.1016/j.ssmph.2021.100922. PMID: 34584933; PMCID: PMC8455860.

Contribution: conception and design, acquisition of data, statistical analysis, interpretation of data, drafting of the manuscript, and critical revision of the manuscript.

4. Hamad R, Glymour MM, Calmasini C, **Nguyen TT**, Walter S, Rehkopf DH (In press). Explaining the variance in cardiovascular disease risk factors: A comparison of demographic, socioeconomic, and genetic predictors. *Epidemiology*.

Contribution: drafting of the manuscript, and critical revision of the manuscript.

5. Criss S, **Nguyen TT**, Norton S, Virani I, Titherington E, Tillmanns EL, Kinnane C, Maiolo G, Kirby AB, Gee GC. Advocacy, Hesitancy, and Equity: Exploring U.S. Race-Related Discussions of the COVID-19 Vaccine on Twitter. *International Journal of Environmental Research Public Health*. 2021,18,5693. <https://doi.org/10.3390/ijerph18115693>.

Contribution: conception and design, acquisition of data, statistical analysis, interpretation of data, drafting of the manuscript, and critical revision of the manuscript.

6. **Nguyen TT**, Huang D, Michaels EK, Glymour MM, Allen AM, Nguyen QC. Evaluating associations between area-level Twitter-expressed negative racial sentiment, hate crimes, and residents' racial prejudice in the United States. *Social Science & Medicine - Population Health*. 2021;13:100750.

Contribution: conception and design, acquisition of data, statistical analysis, interpretation of data, drafting of the manuscript, and critical revision of the manuscript.

7. Oni-Orisan A, Srinivas N, Mehta K, Das JL, **Nguyen TT**, Tison GH, Bauer SR, Burian M, Funk RS, Graham RA; Biomarkers and Translational Tools Community Working Group of the American Society for Clinical Pharmacology and Therapeutics. Leveraging innovative technology to generate drug response phenotypes for the advancement of biomarker-driven precision dosing. *Clin Transl Sci*. 2021 Jan 9. doi: 10.1111/cts.12973. Epub ahead of print. PMID: 33421282.

Contribution: drafting of the manuscript, and critical revision of the manuscript.

8. Thomas MD, Michaels EK, Darling-Hammod S, **Nguyen TT**, Glymour MM, Vittinghoff E. Whites' county-level racial bias, COVID-19 rates, and racial inequities in the United States. *International Journal of Environmental Research Public Health*. 2020. 17(22): 8695. doi: 10.3390/ijerph17228695.

Contribution: statistical analysis, interpretation of data, and critical revision of the manuscript.

9. **Nguyen TT**, Criss S, Dwivedi P, Huang D, Keralis J, Hsu E, Phan L, Nguyen LH, Yardi I, Glymour MM, Allen AM, Chae DH, Gee GC, Nguyen QC. Exploring U.S. Shifts in Anti-Asian Sentiment with the Emergence of COVID-19. *International Journal of Environmental Research Public Health*. 2020. 17(19), 7032; doi: 10.3390/ijerph17197032

Contribution: conception and design, acquisition of data, statistical analysis, interpretation of data, drafting of the manuscript, and critical revision of the manuscript.

10. Darling-Hammond S, Michaels EK, Allen AM, Chae DH, Thomas MD, **Nguyen TT**, Mujahid MM, Johnson RC. After “The China Virus” Went Viral: Racially Charged Coronavirus Coverage and Trends in Bias Against Asian Americans. *Health Education & Behavior*. September 2020. doi:10.1177/1090198120957949

Contribution: drafting of the manuscript, and critical revision of the manuscript.

11. Criss S, Michaels EK., Solomon K. Allen AM, **Nguyen TT**. Twitter Fingers and Echo Chambers: Exploring Expressions and Experiences of Online Racism Using Twitter. *Journal of Racial and Ethnic Health Disparities*. 2021. <https://doi.org/10.1007/s40615-020-00894-5>. PMID: 33063284. PMCID: PMC8046834.

Contribution: analysis, interpretation of data, and critical revision of the manuscript.

12. **Nguyen TT**, Adams N, Huang D, Glymour MM, Allen AM, Nguyen QC. The Association Between State-Level Racial Attitudes Assessed From Twitter Data and Adverse Birth Outcomes: Observational Study. *JMIR Public Health Surveill*. 2020 Jul 6;6(3):e17103. doi: 10.2196/17103. PubMed PMID: 32298232.

Contribution: conception and design, acquisition of data, statistical analysis, interpretation of data, drafting of the manuscript, and critical revision of the manuscript.

13. Huang D, Huang Y, Adams N, **Nguyen TT**, Nguyen QC. Twitter-Characterized Sentiment Towards Racial/Ethnic Minorities and Cardiovascular Disease (CVD) Outcomes. *Journal of Racial and Ethnic Health Disparities*. 2020. <https://doi.org/10.1007/s40615-020-00712-y>

Contribution: drafting of the manuscript, and critical revision of the manuscript.

14. Brenowitz WD, Manly JJ, Murchland AR, **Nguyen TT**, Liu SY, Glymour MM, Levine DA, Crowe M, Hohman TJ, Dufouil C, Launer LJ, Hedden T, Eng CW, Wadley VG, Howard VJ. State School Policies as Predictors of Physical and Mental Health: A Natural Experiment in the REGARDS Cohort. *Am J Epidemiol*. 2020;189(5):384-393. doi:10.1093/aje/kwz221

Contribution: drafting of the manuscript, and critical revision of the manuscript.

15. Hamad R, **Nguyen TT**, Bhattacharya J, Glymour MM, Rehkof DH. Educational attainment and cardiovascular disease in the United States: A quasi experimental instrumental variables analysis. *PLoS Med*. 2019 Jun;16(6):e1002834, <https://doi.org/10.1371/journal.pmed.1002834>.

Contribution: statistical analysis, interpretation of data, and critical revision of the manuscript.

16. Vable AM, **Nguyen TT**, Rehkopf DH, Glymour MM, Hamad R. Differential associations between state-level educational quality and cardiovascular health by race: Early-life exposures and late-life health. *Social Science & Medicine – Population Health*. 2019 August (8): 100418. <https://doi.org/10.1016/j.ssmph.2019.100418>.

Contribution: drafting of the manuscript, and critical revision of the manuscript.

17. Hamad R, **Nguyen TT**, Glymour MM, Vable AM, Manly JJ, Rehkof DH. Quality and quantity: The association of state-level educational policies with later life cardiovascular disease. *Preventive Medicine*. 2019 September (126): 105750. <https://doi.org/10.1016/j.ypmed.2019.06.008>

Contribution: drafting of the manuscript, and critical revision of the manuscript.

18. Nguyen QC, Khanna S, Dwivedi P, Huang D, Huang Y, Tasdizen T, Brunisholz KD, Li F, Gorman W, **Nguyen TT**, Jiang C. Using Google Street View to examine associations between built environment characteristics and U.S. health outcomes. *Prev Med Rep*. 2019 Apr 9;14:100859. doi: 10.1016/j.pmedr.2019.100859. eCollection 2019 Jun.

Contribution: drafting of the manuscript, and critical revision of the manuscript.

19. **Nguyen TT**, Criss S, Allen AM, Glymour MM, Phan L, Trevino R, Dasari S, Nguyen QC. Pride, Love & Twitter Rants: combining machine learning and qualitative techniques to understand what our tweets reveal about race in the U.S. *International Journal of Environmental Research and Public Health*. 2019 May; 16(10). Pii. E1766.

Contribution: conception and design, acquisition of data, statistical analysis, interpretation of data, drafting of the manuscript, and critical revision of the manuscript.

20. **Nguyen TT**, Vable A, Glymour, MM, Allen, AM. Discrimination in health care and biomarkers of cardiometabolic risk in U.S. adults. *Social Science & Medicine – Population Health*. 2019 (7): 100306. <https://doi.org/10.1016/j.ssmph.2018.10.006>.

Contribution: conception and design, acquisition of data, statistical analysis, interpretation of data, drafting of the manuscript, and critical revision of the manuscript.

21. **Nguyen TT**, Meng HW, Sanjeev S, McCullough M, Yu W, Yan L, Huang D, Nguyen QC. Twitter derived measures of sentiment towards minorities (2015–2016) and associations with low birth weight and preterm birth in the United States. *Computers in Human Behavior*. 2018 (89): 308-315. doi: <https://doi.org/10.1016/j.chb.2018.08.010>.

Contribution: conception and design, acquisition of data, statistical analysis, interpretation of data, drafting of the manuscript, and critical revision of the manuscript.

22. **Nguyen TT**, Vable A, Glymour MM, Nuru-Jeter, A. Trends for Reported Discrimination in health care in a national sample of older adults with chronic conditions. *J Gen Intern Med*. 2018 Mar;33(3):291-297. doi: 10.1007/s11606-017-4209-5. Epub 2017 Dec 15.

Contribution: conception and design, acquisition of data, statistical analysis, interpretation of data, drafting of the manuscript, and critical revision of the manuscript.

23. Nguyen QC, Sajjadi M, McCullough M, Pham M, **Nguyen TT**, Yu W, Meng HW, Wen M, Li F, Smith KR, Brunisholz, Tolga Tasdizen T. Neighborhood Looking Glass: 360 Degree Automated Characterization of the Built Environment for Neighborhood Effects Research. *J Epidemiol Community Health*. Published Online First: 15 January 2018. doi: 10.1136/jech-2017-209456.

Contribution: drafting of the manuscript, and critical revision of the manuscript.

24. Vable A, Gilsanz P, **Nguyen TT**, Kawachi I, Glymour MM. Validation of a theoretically motivated approach to measuring childhood socioeconomic circumstances in the Health and Retirement Study. *PLoS ONE*. 2017 Oct. doi: <https://doi.org/10.1371/journal.pone.0185898>.

Contribution: statistical analysis, interpretation of data, and critical revision of the manuscript.

25. **Nguyen TT**, Tchetgen Tchetgen E, Kawachi I, Gilman S, Walter, S., Glymour MM. The role of literacy in the association between educational attainment and depressive symptoms. *Social Science & Medicine – Population Health*. 2017 Dec; 3:71-76. doi: <https://doi.org/10.1016/j.ssmph.2017.07.002>.

Contribution: conception and design, acquisition of data, statistical analysis, interpretation of data, drafting of the manuscript, and critical revision of the manuscript.

26. Nguyen QC, Meng H, Li D, Kath S, McCullough M, Paul D, Kanokvimankul P, **Nguyen TT**, Li L. Social media indicators of the food environment and state health outcomes. *Public Health*. 2017 (148): 120-128.

Contribution: drafting of the manuscript, and critical revision of the manuscript.

27. **Nguyen TT**, Tchetgen Tchetgen E, Kawachi I, Gilman S, Walter, S., Liu, SY, Manly, JJ, Glymour MM. Instrumental variable approaches to identifying the causal effect of education on dementia risk. *Annals of Epidemiology*. 2016 Jan; 26(1) 71-76. doi: [10.1016/j.annepidem.2015.10.006](https://doi.org/10.1016/j.annepidem.2015.10.006).

Contribution: conception and design, acquisition of data, statistical analysis, interpretation of data, drafting of the manuscript, and critical revision of the manuscript.

28. **Nguyen TT**, Tchetgen Tchetgen E, Kawachi I, Gilman S, Walter, S, Glymour M. Comparing alternative effect decomposition methods: the role of literacy in mediation educational effects on mortality. *Epidemiology*. 2016 Sep;27(5):670-6. doi: [10.1097/EDE.0000000000000517](https://doi.org/10.1097/EDE.0000000000000517).

Contribution: conception and design, acquisition of data, statistical analysis, interpretation of data, drafting of the manuscript, and critical revision of the manuscript.

29. **Nguyen TT**, Rist PM, Glymour MM. Are self-reported neighborhood characteristics associated with onset of functional limitations in older adults with or without memory impairment? *J Epidemiol Community Health*. 2016;0:1–7. doi:[10.1136/jech-2016-207241](https://doi.org/10.1136/jech-2016-207241).

Contribution: conception and design, acquisition of data, statistical analysis, interpretation of data, drafting of the manuscript, and critical revision of the manuscript.

30. Rist PM, **Nguyen TT**, Whitmer RA, Glymour MM. Modifiable risk factors for nursing home admission among individuals with high and low dementia risk. *Arch Gerontol Geriatr*. 2016 Jul-Aug;65:140-5. doi: [10.1016/j.archger.2016.03.016](https://doi.org/10.1016/j.archger.2016.03.016). Epub 2016 Mar 19.

Contribution: drafting of the manuscript, and critical revision of the manuscript.

31. Liu SY, Walter S, Marden J, Rehkopf DH, Kubzansky LD, **Nguyen TT**, Glymour MM. Genetic vulnerability to diabetes and obesity: Does education offset the risk? *Soc Sci Med*. 2015 Feb;127:150-8. doi: 10.1016/j.socscimed.2014.09.009. Epub 2014 Sep 6.

Contribution: drafting of the manuscript, and critical revision of the manuscript.

32. **Nguyen TT**, Hawkins SS. Current state of US breastfeeding laws. *Maternal and Child Nutrition*. 2013 July; 9(3): 350-358.

Contribution: conception and design, acquisition of data, statistical analysis, interpretation of data, drafting of the manuscript, and critical revision of the manuscript.

33. Vines A, **Nguyen TT**, Ta M, Esserman, D, Baird D. Self-reported daily stress, squelching of anger, and the management of daily stress and the prevalence of uterine leiomyomata: the ultrasound screening study. *Stress and Health*. 2011 Aug; 27(3): 188-194.

Contribution: conception and design, acquisition of data, statistical analysis, interpretation of data, drafting of the manuscript, and critical revision of the manuscript.

34. Kaufman JS, **Nguyen TT**, Cooper RS. Race, medicine, and the science behind BiDil: how ACE-Inhibition took the fall for the first ethnic drug. *The Review of Black Political Economy*. 2010 Mar; 37:115-130.

Contribution: statistical analysis, interpretation of data, and critical revision of the manuscript.

35. **Nguyen TT**, Kaufman JS, Whitsel EA, Cooper RS. Racial differences in blood pressure response to calcium channel blocker monotherapy: a meta-analysis. *Am J Hypertens*. 2009 Aug;22(8):911-7.

Contribution: assisting with the conception and design, acquisition of data, statistical analysis, interpretation of data, drafting of the manuscript, and critical revision of the manuscript.

II.C. Conferences, Workshops, and Talks

C.2 Refereed Presentations

1. **Nguyen TT**. Hesitancy, Equity, and Barriers to Vaccine Administration Outreach Using Race Related Discussion of COVID-19 Vaccine on Twitter. *Drexel Applied Management Project Summer Residency*, June 29, 2022.

2. **Nguyen TT**. Using Twitter data to Examine Area-Level Racial Bias and Health Outcomes. *Department of Health Policy and Management Department Seminar, University of Maryland School of Public Health*, February 10, 2022.

3. **Nguyen TT**. Using Twitter data to examine area-level racial attitudes and racial bias. *Department of Epidemiology and Biostatistics Digital Health Seminar, University of California, San Francisco*, December 10, 2021.

4. **Nguyen TT**. Using Twitter data to Examine Area-Level Racial Bias and Health Outcomes.

Institute for H.O.P.E. Speaker Series, MetroHealth, December 6, 2021.

5. **Nguyen TT.** Infodemic Inoculation – Lessons Learned and Future Directions: Using Twitter data to examine racial sentiment and vaccine hesitancy. *SERDigital*, November 10, 2021
6. **Nguyen TT,** Fazeli S, Ovalle A, Zamanzadeh D, Sarrafzadeh M, Gee GC. Identifying COVID-19 signs, symptoms, and health impacts using natural language processing and Twitter data. *Society for Epidemiologic Research Annual Meeting*, June 25, 2021.
7. **Nguyen TT.** Social media data for health equity research. *UCSF Health Services Research Symposium: Advancing Health Equity: Health Services Research and Social Determinants of Health*. San Francisco, CA, February 3, 2021.
8. **Nguyen TT.** Adams N, Huang D, Glymour MM, Allen AM, Nguyen QC. Twitter-derived area-level measure of racial bias and birth outcomes. *NIMHD 10th Anniversary Scientific Symposium: Innovations to Promote Health Equity*, Bethesda, MD, March 3, 2020.
9. **Nguyen TT.** Adams N, Huang D, Glymour MM, Allen AM, Nguyen QC. Determining the impact of area-level racial sentiment on birth outcomes. *American Public Health Association Annual Meeting*, October 24-24, 2020
10. **Nguyen TT,** Criss S, Allen AM, Glymour MM, Phan L, Trevino R. Dasari S, Nguyen QC. Using machine learning and qualitative techniques to understand what our tweets reveal about race in the U.S., *CityMatCH Maternal and Child Health Leadership Conference*, Providence, RI, September 23-24, 2019.
11. **Nguyen TT.** Adams N, Huang D, Glymour MM, Allen AM, Nguyen QC. State-level racial attitudes and adverse birth outcomes: applying natural language processing to Twitter data to quantify state context for pregnant women, *Text Analysis Across Domains (TextXD)*, Berkeley, CA Dec 4, 2019.
12. **Nguyen TT.** Adams N, Huang D, Glymour MM, Allen AM, Nguyen QC, Twitter-derived measure of racial sentiment and birth outcomes, *Promoting Research in Social Media and Health (PRISM) Symposium*, San Francisco, CA Dec 6 2019.
13. **Nguyen TT.,** Meng H, McCullough M, Sandeep S., Huang H, Yu W. Nguyen QC, Mapping discriminatory attitudes towards minorities and immigrants utilizing geotagged tweets, *American Public Health Association Annual Meeting*, November 4-8, 2017.

II.D. Sponsored Research and Programs – Administered by the Office of Research Administration

(ORA)

D.1 Proposals Pending

1. NIH/ P0563106, PI: Dr. Yulin Hswen

Earlier detection of environmental climate hazards using online big data

Role: Co-Investigator

Total direct: \$1,500,000

D.2 Funded Grants

1. **NIH/NIMHD 1R01MD015716A, PI: Thu Nguyen**
Period: 02/17/2021 – 07/31/2022
Risk and strength: determining the impact of area-level racial bias and protective factors on birth outcomes.
Role: Principal Investigator
Co-investigators: Dr. Quynh Nguyen, Maria Glymour, Dr. Amani Allen, Dr. Anusha Vable, Dr. John Kornak, Dr. Christine Dehlendorf, Dr. Brittany Chambers
Total direct costs: \$2,083,726
(Funded on first submission, impact score: 20; percentile 5)

2. **NIH/NIMHD 1R00R00 MD012615, PI: Thu T. Nguyen**
Period: 11/01/2019 – 10/31/2022
Place-level discrimination and birth outcomes
Role: Principal Investigator
Total direct costs: \$463,257

3. **NIH/NIMHD 1K99MD012615, PI: Thu T. Nguyen**
Period: 04/01/2018– 03/31/2020
Place-level discrimination and birth outcomes
Role: Principal Investigator
Total direct costs: \$263,757
(Funded on first submission, impact score: 32; percentile N/A)

4. **American Heart Association 16POST29660005, PI: Thu T. Nguyen**
Period: 07/01/2016– 06/30/2018
Discrimination and biomarkers of cardiometabolic risk
Role: Principal Investigator
Total direct costs: \$98,950

5. **NIH/NIA R01AG039588, PI: Virginia Howard**
Period: 8/2012-5/2017
Childhood SES factors on age-related cognitive and vascular health.
Role: Graduate Research Assistant

6. **Department of Defense, W81XWH-12-1-0143, EDMS 5380, PI: M. Maria Glymour**
Period: 10/2014-4/2016
Social Resources That Preserve Functional Independence After Memory Loss
Role: Postdoctoral Scholar

II.E. Research Fellowships, Prizes and Awards

- | | |
|-----------|---|
| 2020-2021 | Population Health and Health Equity Scholar |
| 2017-2020 | National Institute on Minority Health and Health Disparities Loan Repayment Program |
| 2011 | Seiden Denny Scholarship, Department of Social and |

Behavioral Sciences, Harvard T.H. Chan School of Public Health, 2011-12

- 2011 Scholarship from Julie Henry Fund, Department of Social and Behavioral Sciences, Harvard T.H. Chan School of Public Health
- 2010-2013 Maternal and Child Health-Epidemiology Doctoral Training Grant, Department of Social and Behavioral Sciences, Harvard T.H. Chan School of Public Health,
- 2003 Undergraduate Research Programs Grant Award

III.E. Advising: Other than Directed Research

- 2020-present **Research advisor**, Akansha Batra, doctoral a doctoral student in the Department of Epidemiology and Biostatistics (DEB) at UCSF. She is interested in using Twitter data to study mental health. I provide research advising to help her develop her research ideas for her dissertation.
- 2019-present **Research advisor**, Marilyn Thomas, a postdoctoral scholar in the Department of Epidemiology and Biostatistics (DEB) at UCSF, whose research focuses on racism, police brutality, and health. We are working on analyses using Project Implicit and Twitter data to assess racial bias and its association with COVID-19 infection and mortality.
- 2019-2021 **Research advisor**, Krishay Mukhija, high school student volunteer who worked on a variety of research tasks including generating labeling tweets, literature reviews, and manuscript preparation.
- 2018-2019 **Research advisor**, Shrikha Dasari, high school student volunteer who worked on a variety of research tasks including generating analysis of Twitter data, literature reviews, and manuscript preparation.
- 2018-2019 **Research advisor**, Kate Duchowny, a postdoctoral scholar in the Department of Epidemiology and Biostatistics (DEB) at UCSF, whose research focuses on social determinants of muscle weakness across diverse older adult populations and its consequences for longevity and independence across the life course. I meet with Kate monthly to provide research and career guidance.

III.F.4 Guest lectures

1. **Nguyen TT**. Racism as a determinant of health, Guest lecture in EPI 253: Advanced Health Disparities Research. University of California, San Francisco Park, April 2, 2020.

IV. Service and Outreach

IV.A. Editorships, Editorial Boards, and Reviewing Activities

IV.A.1 Reviewing Activities for Journals and Presses

- 2020-Present Reviewer and Editor of Special Issue, Big Data for the Advancement of Health Equity, *International Journal of Environmental Research and Public Health*

2020-Present Reviewer, *International Journal of Behavioral Medicine*
2020-Present Reviewer, *New England Journal of Medicine*
2014-Present Reviewer, *Social Science & Medicine*
2014-Present Reviewer, *Social Science & Medicine Population Health*
2011-Present Reviewer, *Epidemiology*
2011-Present Reviewer, *American Journal of Hypertension*
2011-Present Reviewer, *American Journal of Epidemiology*
2010-Present Reviewer, *Stress and Health*

IV.B. Committees, Professional & Campus Service

IV.B.1. Campus Service- Department

UMD Department of Epidemiology and Biostatistics

2021-present PhD and MPH in Epidemiology Admissions Committee

UCSF Department of Family and Community Medicine

2019-Present Caucus facilitator for Non-Black People of Color, Diversity, Equity, Inclusion, and Anti-Oppression Committee

2019-Present Praxis subcommittee member, Diversity, Equity, Inclusion, and Anti-Oppression Committee

IV.B.2. Campus Service- University

2020-present Founding Director, Big Data for Health Equity (BD4HE), an interdisciplinary, interuniversity research collaborative (with faculty and students from UMD, UCSF, UCLA, UC Berkeley, Furman University, Harvard University, and Stanford University)

2019-present UCSF Promoting Research in Social Media (PRISM), Steering Committee, 2019-present

IV.C. Media Contributions

Clinton Colmenares. Students study race, COVID-19 in tweets, *Furman News*. June 29, 2021.

Liv Osly. NIH Study Funds New Way to Measure Link Between Racial Inequity and Preterm Births, *Furman News*. March 16, 2021.

Liv Osly. Studying the Health Implications of Racist Tweets. *Furman News*. January 22, 2021.

Paola Scommegna. High Premature Birth Rates Among U.S. Black Women May Reflect the Stress of Racism and Health and Economic Factors, *PRB (Population Reference Bureau)*. Jan 21, 2021.

Liselle Yorke. Neighborhood Racial Segregation and Negative Sentiments Toward People of Color Linked to Premature Births. *PRB (Population Reference Bureau)*. Jan 21, 2021.

Julie Morita. Commentary: Racism is the other virus sweeping America during the pandemic. *Chicago Tribune*. April 20, 2020.

One in 5 Patients Report Discrimination in Health Care. *Science Daily*. December 14, 2017.

Race, Age Bias Common in U.S. Medical Care: Survey. *U.S. News and World Report*. December 14, 2017.