Michelle Lee

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Research Interests

I am interested in data-driven responses to humanitarian crises and using large scale data to improve mental health and sexuality and gender-based concerns of refugees and migrants, driven by socially responsible use of data and bias reduction. I received my M.P.H. from Columbia University and am currently working with Dr. Stella Yi at New York University on Asian American health disparities using machine learning methods.

Education

Columbia University, New York, NY

Master in Public Health, Department of Population and Family

Certificate in Applied Biostatistics & Data Science
Thesis research: *The effects of international media coverage on humanitarian intervention decision: Big data analysis of Rohingya refugee crisis*
Thesis advisor: Professor Bill Bower
M.P.H., 2021

Wesleyan University, Middletown, CT

Bachelor of Arts in Science in Society, Certificate in Critical Theory
Academic advisor: Professor Joseph Rouse
B.A., 2016

Pitzer College in Nepal, Kathmandu, Nepal

Courses: Independent research, Nepal studies, beginner/intermediate Nepali
Spring 2015

Lincoln High School, Lincoln, NE

GPA: 3.83 unweighted; 4.34 weighted for International Baccalaureate classes
Diploma, 2012

Professional Experience

2021 - present	**Junior Data Analyst** New York University Center for the Study of Asian American Health, New York, NY Advisor: Dr. Stella Yi October 2021 - present
2021 Summer	**Data Science for Social Good Fellow** Stanford Data Science, Stanford University, Stanford, CA Fellowship advisor: Dr. Balasubramanian Narasimhan
2021 Fall	**Teaching Assistant** Department of Population and Family, Columbia University, New York, NY Course professors: Dr. Abigail Greenleaf, Dr. Maureen Allwood
2019 - 2020	**User Experience (UX) Researcher** Sonic Sensory Inc., Los Angeles, CA
2018 - 2019	**Asian and Pacific Islander (API) Outreach Law Clerk** The Legal Aid Foundation of Los Angeles, Los Angeles, CA
2016 - 2017	**Epidemiology Paralegal** Weitz & Luxenberg, PC., New York, NY Supervising attorney: Paul Pennock, Esq.
2015 - 2016	**Human Rights Law Intern** Commission of Human Rights & Opportunities, Hartford, CT Advising attorney: Cheryl Sharp, Esq.
2014 - 2016	**Title IX Intern** Wesleyan University, Middletown, CT

Honors & Awards

Data Science for Social Good Fellowship, Stanford University	Summer 2021
High Pass on Capstone Project, Columbia University	Spring 2021
Dean's Scholarship, Columbia University	2019 - 2021
Bill and Melinda Gates Millennium Scholarship	2012 - current
Dean's List, Wesleyan University	Spring 2016
Summer Internship Award, Wesleyan University	Summer 2015

Publications

All journal articles are peer-reviewed

3. **Lee MJ**, Lee SY. Labor rights and human rights in the United States: Topic modeling of the news media. *In review.*

2. **Lee MJ.** Insights into mental health and vulnerable communities during the COVID-19 pandemic in South Korea: Topic modeling of the news media. PLOS One. *In review.*

1. **Lee MJ.** Media influence on humanitarian interventions: analysis of the Rohingya refugee crisis and international media coverage. *Int J Humanitarian Action* 6 2021 (20). DOI: 10.1186/s41018-021-00108-5

Extracurricular activities & leadership

Columbia University, New York, NY

2019 - 2021	President, Graduate Students Association
2019 - 2021	Treasurer, Humanitarian Organization for Migration and Emergencies

Wesleyan University, Middletown, CT

2012 - 2016	President, Asian American Student Coalition
2012 - 2016	Chair, Liberty in North Korea
2014 - 2016	Title IX Intern, Gender Resource Center
2015 - 2016	Restorative Justice Intern, Theater Behind Bars
2015 - 2016	Violin tutor, Green Street learning center

Skills

Computer languages: R (2.x, 3.x), Python (3.x), SAS, SPSS
Computer operating systems: Windows XP / Vista / 7 / 8 / 10, Mac OS
General software: Github, Microsoft Word / Excel / Powerpoint, Adobe Acrobat, Photoshop, InDesign
Information retrieval: Pubmed, LexisNexis, NCBI

Languages

Korean: fluent in reading, writing, and speaking
Nepalese and Hindi: intermediary reading, writing, and speaking
French: introductory reading, writing, and speaking