

Matthew Lee, MPH

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EDUCATION

Columbia University - Mailman School of Public Health, New York, NY

Doctor of Public Health (DrPH) Candidate

- *Cohort Year:* 2016
- *Department:* Sociomedical Sciences
- *Dissertation Title:* "Advancing Understandings of Policy Implementation and Sustainability to Address Health Equity – A Mixed Methods Case Study of Tobacco Policies in New York City"
 - o *Sponsor:* Rachel C. Shelton, ScD, MPH
 - o *Chair:* James Colgrove, PhD, MPH

Columbia University - Mailman School of Public Health, New York, NY

Master of Public Health, May 2014

- *Department:* Sociomedical Sciences
- *Certificate:* Health Promotion Research and Practice

Washington University in St. Louis, St. Louis, MO

Bachelor of Arts, May 2012

- *Majors:* Anthropology, English Literature
 - *Minor:* Public Health
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RESEARCH EXPERIENCE

1. Columbia University, Mailman School of Public Health, Department of Sociomedical Sciences

Rachel C. Shelton, ScD, MPH, Assistant Professor of Sociomedical Sciences

Doctoral Research Assistant/Mentee (June 2016 – Present)

- Collaborate to write and submit grants, manuscripts for publication, and conference abstracts for presentation.
- Current areas of research:
 - o Program sustainability; De-implementation; Cancer prevention and screening; Opioid education and naloxone training in higher education.

2. New York University, Department of Population Health, Section for Health Equity

Stella S. Yi, PhD, MPH, Assistant Professor, Department of Population Health

Assistant Research Scientist (September 2019 – Present)

- Advance the efforts of the NYU Center for the Study of Asian American Health (NYU CSAAH) to address community-level health disparities.
- Collaborate to write and submit grants, manuscripts for publication, and conference abstracts for presentation.
- Current projects:

- Collect, process, and analyze data for a NHLBI-funded R01 (APPLE CDS) that uses policy simulation modeling to examine the impacts of food policies and programs on cardiovascular disease outcomes and health care costs for adults.
 - Conduct a systematic review and apply two implementation science frameworks to support the evaluation of the new CDC-funded New York City Cancer Prevention and Control Research Collaborating Center (NYC CPRN), as well as the design of a novel multi-level intervention focused on addressing mental health needs of cancer patients and survivors.
3. **Columbia University, Mailman School of Public Health, Department of Health Policy & Management**
 Y. Claire Wang, MD, ScD, Associate Professor of Health Policy and Management
Commissioned Paper Co-Author (January 2018 – Present)
- Invited by Dr. Melinda Buntin (Vanderbilt University) and Dean Sherry Glied (New York University) to co-author one of three commissioned papers together with Dr. Claire Wang and Dr. Patricia Mabry.
 - Project funded by the Robert Wood Johnson Foundation to develop a research agenda on the future of policy modeling and simulation to address health.
4. **Center for Public Health Law Research (Temple University)**
Public Health Law and Policy Researcher (January 2018 – January 2019)
- Conducted policy surveillance and legal mapping methods with a team of lawyers and legal interns to expand the LawAtlas Policy Surveillance Program database (<http://lawatlas.org/>)
 - Completed projects:
 - Compiled and analyzed state laws addressing comprehensive sex education
 - Conducted interviews with key informants for the Housing Law Project (funded by the Robert Wood Johnson Foundation’s Policies4Action program).
5. **HIV Center for Clinical and Behavioral Studies at the New York State Psychiatric Institute and Columbia University**
 Theo Sandfort, PhD, Training Program Director, Professor of Clinical Sociomedical Sciences
Graduate Research Assistant (January 2013 – June 2014)
- Analyzed data from a NIMH-funded, mixed-methods study on HIV and sexual risk in African men who have sex with men (MSM) gathered in four South African Townships from 2008-2012 (grant numbers: P30MH43520, R01-MH083557).
 - Invited as a consultant to Kingston, Jamaica in 2014 to meet with key stakeholders, including members of the National Ministry of Health, international funders, and local CBOs, to determine national HIV research priorities for sexual and gender minorities.
6. **Washington University in St. Louis, Department of Anthropology**
 Shanti Parikh, PhD, Associate Professor of Anthropology
Undergraduate Research Assistant (May 2011 – January 2012)
- Assisted with final preparations in publishing two articles based on ethnographic fieldwork collected in Uganda on youth, gender, and sexuality with a focus on sexual and reproductive health outcomes, HIV, and health inequalities.
 - Aided with completion of Dr. Parikh’s first single-authored book – *Regulating Romance: Youth Sex Culture, Romance, and Moral Anxiety in Uganda’s Time of HIV*. Vanderbilt University Press.

PROFESSIONAL EXPERIENCE

1. **Changing the Narrative Network (Health in Justice Action Lab at the Northeastern University School of Law)**
Collaborator (January 2019 – Present)
 - Contributor to the Changing the Narrative (<https://www.changingthenarrative.news/>) network that helps journalists and opinion leaders provide accurate, humane, and scientifically-grounded information regarding issues of drug use and addiction.
2. **United Nations (UN) - Office of the UN Secretary-General's Special Envoy for Health in Agenda 2030 and for Malaria**
Project Consultant (June 2017 – August 2017)
 - Assisted Director Rebecca Affolder, formerly of the UN Office of the Secretary-General, with special projects and high-level policy documents commissioned by the UN Special Envoy for Health and Malaria, Ray Chambers.
 - Aided with completion of review and analysis titled: "An Accountable United Nations Sustainable Development System for the 21st century."
3. **PCORI (Patient-Centered Outcomes Research Institute)**
Proposal Reviewer (May 2017 – July 2017)
 - Reviewed Pipeline to Proposal (P2P) Tier A applications for programs that build both researcher and patient capacity to design patient-guided comparative effectiveness research studies.
4. **ICAP at Columbia University**
Project Consultant (July 2016 – August 2016)
 - Led the design of a one-day training for clinical providers on how to prescribe and monitor HIV pre-exposure prophylaxis (PrEP) in five countries: Democratic Republic of Congo, Uganda, Brazil, Tanzania, and Guatemala.
5. **New York City Department of Health and Mental Hygiene**
Project Officer, Bureau of HIV/AIDS Prevention and Control (October 2014 – June 2016)
 - Oversaw portfolio of 32 Ryan White Part A funded agencies (community-based organizations, hospitals, correctional facilities and other health facilities) in New York City
 - Developed program manuals and implementation protocols, and assisted with dissemination and scale up of two Ryan White Part A funded interventions: 1) an intensive medical case management/care coordination program; and 2) a transitional care coordination intervention to serve those who are homeless & unstably housed.
 - Assisted with supervising, training, and mentoring 4 interns/aides
 - Participated in emergency activation for two infectious disease situations in NYC as part of the Surveillance and Epidemiology Unit – Ebola Virus response in 2014 and Zika Virus response in 2015-2016.
6. **Alice! Health Promotion, Columbia Health**
Health Promotion Assistant (May 2013 – February 2014)

- Completed practicum project to integrate the Healthy Campus 2020 framework (derived from Healthy People 2020) into the organizational culture, programs, activities, and key linkages of the Columbia Health network.
 - Oversaw implementation, adaptation, and process evaluation of Year 2 of *CU Move*, a five-year multi-component program designed to increase levels of regular physical activity at Columbia University.
7. **Planned Parenthood of the St. Louis Region and Southwest Missouri (PPSLR), St. Louis, MO**
Summer Intern, Department of Education & Diversity (May 2011 – July 2011)
- Spearheaded compilation and analysis of survey data gathered from over 300 participants in PPSLR's workplace and school-based diversity training workshops.
 - Collaborated to edit and restructure the curriculum for PPSLR's youth sexual education program to be more inclusive of diverse populations, particularly transgender people.
 - Assisted with adoption of the national "*Real Life. Real Talk.*" sexual education for parents program into PPSLR's agenda.
 - Taught lessons on basic hygiene to a class of 5-8 year olds, as well as lessons on human rights to a class of 21 teenagers, at the Herbert Hoover Boys and Girls Club of St. Louis.
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TEACHING & TRAINING EXPERIENCE

1. **SOSC P8792 – Dissemination and Implementation Science (Columbia University Mailman School of Public Health)**
Adjunct Assistant Professor (Spring 2018)
- Taught advanced MPH course on dissemination and implementation science, with enrollment of 20 students.
2. **SOSC P8776 – Advancing Health Literacy (Columbia University Mailman School of Public Health)**
Teaching Assistant for Gretchen Van Wye, PhD, MA, Adjunct Associate Professor of SMS (Fall 2017)
- Assisted with upper-level MPH course on health literacy and health communication, with enrollment of 36 students.
3. **New York City Department of Health and Mental Hygiene, New York, NY**
Project Officer, Bureau of HIV/AIDS Prevention and Control (October 2014 – June 2016)
- Trained over 100 providers and community partners to ensure quality of care.
 - Structured training curricula and developed training materials, along with collaborators from the National Development & Research Institutes, Inc. (NDRI).
 - Designed evaluations for trainings.
 - Supervised interns/aides to analyze training evaluation and other programmatic data.
4. **Anthro 4145 – Tobacco: History, Culture, Science, and Policy (Washington University in St. Louis)**
Teaching Assistant for Peter Benson, PhD, Associate Professor of Anthropology (Fall 2011)
- Assisted with advanced undergraduate seminar with enrollment of 163 students.
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PEER-REVIEWED PUBLICATIONS

1. Shelton, R.C. & **Lee, M.** (2019). Sustaining evidence-based interventions and policies: Recent innovations and future directions in implementation science. *American Journal of Public Health*, 109(S2): S132-S134.
 2. Shelton, R.C., **Lee, M.**, Brotzman, L.E., Crookes, D.M., Jandorf, L., Erwin, D., & Gage Bouchard, E.A. (2019). Use of social network analysis in the development, dissemination, implementation, and sustainability of health behavior interventions for adults: A systematic review. *Social Science & Medicine*, 220: 81-101.
 3. Koh, S., **Lee, M.**, Brotzman, L.E., & Shelton, R.C. (2018). An orientation for new researchers to key domains, processes, and resources in implementation science. *Translational Behavioral Medicine*.
 4. **Lee, M.**, Sandfort, T., Collier, K., Lane, T., & Reddy, V. (2017). Breakage Is the Norm: Use of Condoms and Lubrication in Anal Sex among Black South African Men Who Have Sex with Men. *Culture, Health, and Sexuality*, 19: 501-514.
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BOOK CHAPTERS

1. Ruggieri, K., Stuhlreyer, J.P., Immonen, J., Mareva, S., Paul, A.F., Cavassini, F., Naru, F., **Lee, M.**, & Shelton, R.C. (2019). "Chapter 3: Policy Evaluation." In Ruggieri, K. (ed.) *Behavioral Insights for Public Policy: Concepts and Cases* (2nd Edition). London and New York: Routledge. (Anticipated: Summer 2020).
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PUBLICATIONS ASSISTED

1. Shelton, R.C., Hatzenbuehler, M.L., Bayer, R., & Metsch, L.R. (2018). Future Perfect? The Future of the Social Sciences in Public Health. *Frontiers in Public Health*, Vol. 5, 357.
 - Acknowledged for role in providing editorial assistance with finalizing the article.
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ORAL CONFERENCE PRESENTATIONS

1. Wang, Y.C., **Lee, M.**, & Mabry, P.L. (June 2018). "Simulation Modeling for Policies Addressing Health Behaviors: The State of the Field and Future Directions." 7th Annual Conference of the American Society of Health Economists, Economics and Public Health (ASHEcon) on June 20-13, 2018 in Atlanta, GA.
2. **Lee, M.**, Gage-Bourchard, E., Crookes, D.M., Jandorf, L., Erwin, D., & Shelton, R.C. (December 2017). "Use of social network analysis to inform the design, dissemination, implementation, and sustainability of health behavior interventions: Findings from a systematic review." 10th Annual Conference on the Science of Dissemination and Implementation in Health. Co-hosted by the National Institutes of Health and AcademyHealth. Arlington, VA.
3. **Lee, M.** & Carmona, J. (January 2016). "Quality Improvement 201: Using PDSA Cycles to Accelerate Improvement in HIV Services." 2016 National African American MSM Leadership Conference on HIV/AIDS and other Health Disparities. Los Angeles, CA.

POSTER PRESENTATIONS

1. Shelton, R.C., Bernitz, M., McNeil, M., Brotzman, L., Parish, C., Nunes, E., & Lee, M. (December 2019). "Investigating the dissemination and implementation of opioid education and naloxone training on college campuses. 12th Annual Conference on the Science of Dissemination and Implementation in Health. Co-hosted by the National Institutes of Health and AcademyHealth. Washington, D.C.
2. Lee, M., Kwon, S., & Shelton, R.C. (June 2019). "Tobacco Policy Implementation and Asian American Smoking Disparities in New York City: Identifying Factors Related to Policy Sustainability and Health Equity to Advance Policy Implementation Research." 2019 AcademyHealth Annual Research Meeting (ARM) on June 2-4, 2019 in Washington, D.C.
3. Lee, M., Kwon, S., & Shelton, R.C. (December 2018). "Advancing the Study of Policy Sustainability in Policy Implementation Research: A Case Study of the Impact of Uneven Policy Implementation on Smoking Disparities in New York City." 11th Annual Conference on the Science of Dissemination and Implementation in Health. Co-hosted by the National Institutes of Health and AcademyHealth. Washington, D.C.
4. Lee, M., Gage-Bouchard, E., Crookes, D.M., Jandorf, L., Erwin, D., & Shelton, R.C. (December 2017). "Use of social network analysis to inform the design, dissemination, implementation, and sustainability of health behavior interventions: Findings from a systematic review." 10th Annual Conference on the Science of Dissemination and Implementation in Health. Co-hosted by the National Institutes of Health and AcademyHealth. Arlington, VA.
 - Selected as the top poster in the *Models/Methods/Measures* track. Invited to also participate in a mini-podium "Poster Slam" session.

INVITED SPEAKING ENGAGEMENTS

1. Lee, M. (April 2019). "Advancing Policy Sustainability Research in Dissemination and Implementation Science." Invited guest lecture for Spring 2019 course (SOSC P8792 – Dissemination and Implementation Science) at the Columbia University Mailman School of Public Health. New York, NY.
2. Lee, M. (March 2019). "Advancing Policy Sustainability Research in Dissemination and Implementation Science." Invited presentation for the Implementation Science Special Interest Group (IS-SIG), a partnership between the New York State Psychiatric Institute Division of Behavioral Health Services and Policy Research and the Global Mental Health Research program in the Division of Epidemiology at Columbia University. New York, NY.
3. Lee, M. (February 2019). "Advancing Understandings of Policy Sustainability to Address Health Equity: A Case Study of Tobacco Policies in New York City." Invited presentation for the Columbia University Mailman School of Public Health Department of Sociomedical Sciences "Food for Thought" Seminar Series. New York, NY.

4. **Lee, M.** (November 2018). "Evaluating Policies for Sustainability to Promote Health Equity." Invited guest lecture for Fall 2018 course (MSS6320 RMPE: Research Methods & Policy Evaluation) at the Presidio Graduate School. San Francisco, CA.
 5. **Lee, M.** (October 2018). "Focus Groups as Qualitative Research and Qualitative Research in 'Real-World' Practice." Invited guest lecture for Fall 2018 course (SOSC P8785 Qualitative Research Methods) at the Columbia University Mailman School of Public Health. New York, NY.
 6. **Lee, M.** (February 2018). "More than Clinical Significance: Inter-Organizational Knowledge Sharing to Promote Health Equity and Improve Quality of Services." Invited presentation at the 2018 Southern California LGBTQIA Health Conference – Resistance Through Healing: A Call to Action. Los Angeles, CA.
 7. **Lee, M.** (June 2017). "Sexual Innovation Around the Margins: Cross-Cultural Examples of Sexual Creativity." Invited presentation at the Stonewall Inn Pride Month Lecture Series. New York, NY.
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PROFESSIONAL ORGANIZATIONS & SERVICE

Memberships and Positions:

1. AcademyHealth
 - a. *Student Member* (2016 – present)
2. American Public Health Association (APHA)
 - a. *Student Member* (2011-2012, 2016 – present)
3. Interdisciplinary Association for Population Health Sciences (IAPHS)
 - a. *Student Member* (2016 – present)
 - b. *Student Committee Working Group Member* (2018 – present)
 - i. Co-designed and co-facilitated a 2019 mid-year webinar event titled: "Preparing the Next Generation of Population Health Researchers"
 - ii. Co-designed a 2019 annual meeting event titled: "Funding 101 for Population Health Researchers"
4. New York Academy of Medicine (NYAM)
 - a. *Associate Member* (2019 – present)
5. Society for Behavioral Medicine (SBM)
 - a. *Student Member* (2016 – present)

Ad Hoc Journal Reviewer:

1. BMC Public Health (2016 – present)
 2. Preventing Chronic Disease (2019 – present)
 3. Social Problems (2018 – present)
 4. Translational Behavioral Medicine (2019 – present)
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PRESENT FELLOWSHIP & GRANT SUPPORT

1. **Robert Wood Johnson Foundation – Health Policy Research Scholar**
 - Selected for a competitive national leadership development program focused on training pre-doctoral fellows to advance health policy, health equity, and public health.

- *Funding Period:* September 2017 - August 2020
 - *Total Award Amount:* \$120,000
 - Selected for an additional dissertation award for exemplary program-related research that seeks to advance health policy, health equity, and public health.
 - *Funding Period:* March 2019 - May 2020
 - *Total Award Amount:* \$4,800
2. **Columbia Population Research Center – Fellow**
- Nominated and approved by a Steering Committee consisting of transdisciplinary faculty from the Columbia University Schools of Public Health, Social Work, Department of Sociology, and Teacher’s College.

PRIOR FELLOWSHIPS & GRANT SUPPORT

1. **Columbia University Lerner Center for Public Health Promotion – Rowe Family Fellow**
- Fellowship that supports the pursuit of studies and dissertation research in health promotion and health communication.
 - *Funding Period:* August 2016 - August 2019
 - *Total Award Amount:* \$225,000

HONORS, AWARDS, & ACTIVITIES

1. **New York Academy of Medicine – Associate Member**
 - Nominated and approved by both the Committee on Admission and Membership, as well as the Board of Trustees, as an Associate Member of the New York Academy of Medicine (March 2019)
 - Formally inducted at the 172nd Anniversary Discourse & Awards and Annual Meeting of the Voting Fellows on November 7, 2019.
2. **Columbia Graduate School of Arts & Sciences (GSAS) Students of Color Association (SoCA) – Writing Retreat Participant**
 - One of 10 scholars selected to participate in a two-day, on-campus writing retreat (September 5-6, 2019)
3. **Robert Wood Johnson Foundation Health Policy Research Scholars – Dissertation Writing Retreat**
 - One of 13 scholars selected to participate in a dissertation writing retreat in Detroit, MI (August 2-4, 2019)
4. **Robert Wood Johnson Foundation Health Policy Research Scholars – Dissertation Award**
 - Selected for a competitive dissertation award for program-related research to advance health policy, health equity, and public health. (March 2019)
5. **Columbia Mailman School of Public Health – Office of Admissions Open House Invited Panelist** (October 2018, November 2018)
6. **Columbia University – Men’s Ultimate Frisbee Team – Assistant Coach** (2018 – present)
7. **Robert Wood Johnson Foundation Health Policy Research Scholars – Presented with peer-voted award for “Always Goes the Extra Mile”** at the 2018 Summer Institute (July 2018)

8. **Columbia Food Bank** – Development Committee Member & Volunteer (2017-2018)
9. **Columbia Mailman School of Public Health** – Students of Color Alumni Panel – Invited Panelist (December 2017)
10. **Columbia Mailman School of Public Health** – SMS Department Alumni Panel – Invited Panelist (October 2017)
11. **Columbia Mailman School of Public Health** – Students of Color Alumni Panel – Invited Panelist (December 2016)
12. **Columbia Mailman School of Public Health** – SMS Department Alumni Panel – Invited Panelist (October 2016)
13. **Columbia Mailman School of Public Health** – SMS Department Alumni Panel – Invited Panelist (October 2015)
14. **CDC MMWR 64(12); 321-323** – “*Ebola Virus Disease in a Humanitarian Aid Worker – New York City, October 2014*” – Published April 3, 2015 – Acknowledged for role in contributing to Ebola Virus Disease response in NYC.
15. **Columbia Mailman School of Public Health** – *SMS Social Forces* – Department Newsletter – Featured MPH Graduate (2014)
16. **Columbia Mailman School of Public Health** – SMS Department Orientation Panel – Invited Student Speaker (August 2013)
17. **Washington University in St. Louis** – Dean’s List (Spring 2010, Fall 2010, Fall 2011)
18. **Washington University Lambda Alpha Anthropology Honorary** - Executive Board *Outreach Coordinator* (2011 – 2012)
19. **Washington University Global Brigades** – Public Health Brigade Volunteer to Tegucigalpa, Honduras (2012)