BIOGRAPHICAL SKETCH

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NAME: Lee, Sung-Jae

eRA COMMONS USER NAME (credential, e.g., agency login): Leesj2

POSITION TITLE: Professor-in-Residence, Department of Psychiatry and Biobehavioral Sciences

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)

| INSTITUTION AND LOCATION | DEGREE  (if applicable) | Completion Date  MM/YYYY | FIELD OF STUDY |
| --- | --- | --- | --- |
| Tufts University | B.A. | 05/1996 | Social Psychology |
| Yale School of Medicine,  Epidemiology and Public Health | M.P.H | 05/1998 | Epidemiology, Global Health |
| School of Public Health,  University of California, Los Angeles | Ph.D. | 06/2003 | Epidemiology |

A. Personal Statement

I have over 17 years of experience working with HIV-affected communities and vulnerable youth in the United States, Thailand, Vietnam, and Myanmar. I have a long track record of successfully designing and conducting collaborative studies with vulnerable communities at risk in Los Angeles, including the application of Conjoint Analysis to assess HIV testing preferences among gay men, HIV vaccine acceptability among communities at risk, pre-exposure prophylaxis acceptability among gay and bisexual men in HIV discordant relationships, and long acting injectable antiretroviral therapy for vulnerable people living with HIV. In addition, I have managed numerous large intervention trials aimed at addressing health disparities to improve treatment outcomes among vulnerable communities impacted by HIV, including examining challenges and barriers around PrEP uptake and attitudes among various high-risk groups who are candidates for PrEP.

1. Lee SJ, Newman PA, Comulada WS, Cunningham WE, Duan N. Use of conjoint analysis to assess HIV vaccine acceptability: feasibility of an innovation in the assessment of consumer health-care preferences. Int J STD AIDS. 2012;23(4):235-41. PubMed PMID: 22581945; PubMed Central PMCID: PMC3372064.
2. Newman PA, Lee SJ, Duan N, et al. Preventive HIV vaccine acceptability and behavioral risk compensation among a random sample of high-risk adults in Los Angeles (LA VOICES). Health Serv Res. 2009;44(6):2167-79. PubMed PMID: 19780857; PubMed Central PMCID: PMC2796320
3. Lee SJ, Brooks R, Bolan RK, Flynn R. Assessing willingness to test for HIV among men who have sex with men using conjoint analysis, evidence for uptake of the FDA-approved at-home HIV test. AIDS Care. 2013;25(12):1592-8. doi:10.1080/09540121.2013.793272. Epub 2013 May 7. PubMed PMID: 23651439; PubMed Central PMCID: PMC3751974.
4. Simoni JM, Tapia K, Lee SJ, Graham SM, Beima-Sofie K, Mohamed ZH, Christodoulou J, Ho R, Collier AC. A Conjoint Analysis of the Acceptability of Targeted Long-Acting Injectable Antiretroviral Therapy Among Persons Living with HIV in the U.S. AIDS Behav. 2020 Apr;24(4):1226-1236. doi:10.1007/s10461-019-02701-7. PubMed PMID: 31655915; PubMed Central PMCID:PMC7085450.

B. Positions and Honors

**Positions and Employment**

1996 - 1997 Research Associate, Yale University Health Services, New Haven, CT

1997 HIV/AIDS Project Director, Population and Community Development Association, Department of HIV/AIDS Planning, Bangkok, Thailand

1999 - 2003 Research Scientist, University of California at Los Angeles, Semel Institute for Neuroscience and Human Behavior, Center for Community Health, Department of Psychiatry and Behavioral Sciences

2003 - Associate Director, University of California at Los Angeles, Semel Institute for Neuroscience and Human Behavior, Center for Community Health, Center for HIV Identification, Prevention, and Treatment Services (CHIPTS) Methods Core

2009 - Core Scientist, University of California at Los Angeles, Semel Institute for Neuroscience and Human Behavior, Center for Community Health, Center for HIV Identification, Prevention, and Treatment Services (CHIPTS) Methods Core

2010 - Assistant Professor-in-Residence, Department of Psychiatry and Biobehavioral Sciences, Semel Institute for Neuroscience and Human Behavior, University of California, Los Angeles

2011 - Assistant Professor-in-Residence, Department of Epidemiology, Fielding School of Public Health, University of California, Los Angeles

2013- Associate Professor-in-Residence, Department of Psychiatry and Biobehavioral Sciences, Semel Institute for Neuroscience and Human Behavior, University of California, Los Angeles

2013 - Associate Professor-in-Residence, Department of Epidemiology, Fielding School of Public Health, University of California, Los Angeles

2020 - Professor-in-Residence, Department of Psychiatry and Biobehavioral Sciences, Semel Institute for Neuroscience and Human Behavior, University of California, Los Angeles

2020 - Professor-in-Residence, Department of Epidemiology, Fielding School of Public Health, University of California, Los Angeles

**Other Experience and Professional Memberships**

2002- Member, International AIDS Society (IAS)

2007 - Statistical reviewer/Epidemiologist, Data Safety and Monitoring Board, Department of Family Medicine, UCLA David Geffen School of Medicine

2012-2017 Reviewer, Data Safety and Monitoring Board, TEA Intervention Study (PI: Li), Semel Institute Center of Community Health, University of California, Los Angeles

2014 Chair, Ad Hoc Committee, Academic Appointments and Advancements (A & A) Committee, Department of Psychiatry, UCLA David Geffen School of Medicine

2015- Member, Academic Appointments and Advancements (A & A) Committee, Department of Psychiatry and Biobehavioral Sciences, UCLA David Geffen School of Medicine.

2016- Member**,** Executive Advisory Board (EAB). California HIV Research Program (CHRP) Health Disparities Core

2017- Member, Society for Prevention Research (SPR)

2018- Member, American Public Health Association (APHA)

2020- Member, Taskforce on Anti-Racism, Department of Epidemiology, UCLA Fielding School of Public Health

**Honors and Awards**

1999Graduate Student Researcher Fellowship in Epidemiology, School of Public Health, University of California, Los Angeles, CA.

1999 - 2001 Non-Resident Tuition Fellowship in Epidemiology, School of Public Health, University of California, Los Angeles, CA.

2001 Cornelius L. Hopper Award for “Outstanding New Investigator Paper in Social- Behavioral Sciences,” Universitywide AIDS Research Program (UARP), Los Angeles, CA.

2002 Dissertation Year Fellowship in Epidemiology, School of Public Health, University of California, Los Angeles, CA.

2006 American Public Health Association (APHA) HIV/AIDS Section Award for “Outstanding Abstract Submission among All Presenters”.

2012 European Society of Radiology Award for “Most Cited Paper 2010”, for “Breast Cancer Detection using Automated Whole Breast Ultrasound and Mammography in Radiographically Dense Breasts”

2018 Outstanding Teacher Award from the Dean’s Office. Fielding School of Public Health, University of California, Los Angeles

2017 Society for Prevention Research Award for “Abstract of Distinction,” for “Addressing Health Disparities in HIV Prevention, Care, and Treatment: California’s Statewide Approach.”

# C. Contribution to Science

1. I have expertise in implementing mHealth intervention to address the critical needs of vulnerable young people with pre-existing mental health disorders.

* 1. Young, S. D., Cumberland, W. G., Lee, S. J., Jaganath, D., Szekeres, G., & Coates, T. (2013). Social networking technologies as an emerging tool for HIV prevention: a cluster randomized trial. Annals of internal medicine, 159(5), 318–324. PMCID: PMC3879120
  2. Swendeman, D., Farmer, S., Mindry, D., Lee, S. J., & Medich, M. (2016). HIV Care Providers' Attitudes regarding Mobile Phone Applications and Web-Based Dashboards to support Patient Self-Management and Care Coordination: Results from a Qualitative Feasibility Study. Journal of HIV and AIDS, 2(4), 10.16966/2380-5536.127. <https://doi.org/10.16966/2380-5536.127> PMCID: PMC5217706
  3. Comulada, W. S., Tang, W., Swendeman, D., Cooper, A., Wacksman, J., & Adolescent Medicine Trials Network (ATN) CARES Team (2018). Development of an Electronic Data Collection System to Support a Large-Scale HIV Behavioral Intervention Trial: Protocol for an Electronic Data Collection System. JMIR research protocols, 7(12), e10777. <https://doi.org/10.2196/10777>
  4. Swendeman, D., Arnold, E. M., Harris, D., Fournier, J., Comulada, W. S., Reback, C., Koussa, M., Ocasio, M., Lee, S. J., Kozina, L., Fernández, M. I., Rotheram, M. J., & Adolescent Medicine Trials Network (ATN) CARES Team (2019). Text-Messaging, Online Peer Support Group, and Coaching Strategies to Optimize the HIV Prevention Continuum for Youth: Protocol for a Randomized Controlled Trial. JMIR research protocols, 8(8), e11165. https://doi.org/10.2196/11165

2. I have expertise implementing a social media/online community support group intervention among chronic paint patients on opioid therapy. I will contribute my expertise in online intervention delivery for the proposed study.

1. Young, S. D., Koussa, M., Lee, S. J., Perez, H., Gill, N., Gelberg, L., & Heinzerling, K. (2018). Feasibility of a social media/online community support group intervention among chronic pain patients on opioid therapy. Journal of addictive diseases, 37(1-2), 96–101. PMCID: PMC6551263 https://doi.org/10.1080/10550887.2018.1557992
2. Young, S. D., Lee, S. J., Perez, H., Gill, N., Gelberg, L., & Heinzerling, K. (2020). Social media as an emerging tool for reducing prescription opioid misuse risk factors. Heliyon, 6(3), e03471. https://doi.org/10.1016/j.heliyon.2020.e03471
3. Lee, S. J., Koussa, M., Gelberg, L., Heinzerling, K., & Young, S.D. (2020). Somatization, mental health and pain catastrophizing factors associated with risk of opioid misuse among patients with chronic non-cancer pain, Journal of Substance Use. DOI: 10.1080/14659891.2019.1704079

3. I have expertise in addressing the critical needs of vulnerable young people who are in need of tailored behavioral intervention strategies to address mental health and substance use challenges. I have examined various mental health and sexual risk behavior challenges facing vulnerable adolescents, including homeless adolescents, HIV-affected adolescents, and at-risk youth in South Africa.

* 1. Lee, S.J., Liang, L.J., Milburn, N.G., Rotheram-Borus, M.J. (2011). Resiliency and survival skills among newly homeless adolescents: Implications for future interventions. *Vulnerable Children and Youth Studies,* 6, 301-308. PMCID: PMC3248916
  2. Lee, S.J., Rotheram-Borus, M.J. (2009). Beyond the “Model Minority” Stereotype: Trends in Health Risk Behaviors among Asian/Pacific Islander High School Students*. Journal of School Health*, 79(8), 347-354. PMCID: PMC2818149
  3. Lee, S.J., Detels, R., Rotheram-Borus, M.J., Duan, N. (2007). The effect of social support on mental and behavioral outcomes among HIV-affected adolescents. *American Journal of Public Health*, 97(10), 1820-1826. PMCID: PMC1994191
  4. Hendriksen, E.S., Pettifor, A., Lee, S.J., Coates, T., Rees, H. (2007). Predictors of condom use among South African youth age 15-24:The RHRU National Youth Survey. *American Journal of Public Health,* 97(7), 1241-1248. PMCID: PMC1913066

4. I have expertise in designing behavioral interventions to address various challenges facing vulnerable communities. I will contribute my expertise in intervention design and implementation for the proposed study.

1. Rotheram-Borus, M.J., Swendeman, D., Lee, S.J., Li, L., Amani, B., Nartey, M. Interventions for Families Affected by HIV. (2011). *Translational Behavioral Medicine*, 1, 313-326*.* PMCID: PMC3120968
2. Lee, S.J., Li, L., Iamsirithaworn, S., Khumtong, S. (2013). Disclosure challenges among people living with HIV in Thailand. *International Journal of Nursing Practice,* 19, 374-380. PMCID:PMC3740410
3. Young, S.D., Cumberland, W., Lee, S.J., Jaganath, D., Szekeres, Coates, T. (2013). Social Networking as an Emerging Tool for HIV Prevention: A Cluster Randomized Trial. *Annals of Internal Medicine*. 159(5):318-24 doi: 10.7326/0003-4819-159-5-201309030-00005. PMCID: PMC3879120
4. Li, L., Liang, L.J., Lee, S.J., Iamsirithaworn, S., Wan, D., Rotheram-Borus, M.J. (2012). Efficacy of an Intervention for Families Living with HIV in Thailand: A Randomized Controlled Trial. *AIDS and Behavior. 16,* 1276-85. *DOI 10.1007/s10461-011-0077-x* PMCID: PMC3296887

**Complete List of Published Work in MyBibliography:**

<https://www.ncbi.nlm.nih.gov/myncbi/sung-jae.lee.2/bibliography/public/>

**D. Additional Information: Research Support and/or Scholastic Performance**

**Ongoing Research Support**

U19HD089886 Rotheram-Borus (PI)          2016/09 – 2021/05

NICHD

A Comprehensive Community-based Strategy to Optimize the HIV Prevention and Treatment Continuum for Youth At HIV Risk, Acutely Infected and with Established HIV Infection

This U19 will recruit and follow youth aged 12-24 at the highest risk of acquiring HIV - gay, bisexual, transgender, and homeless youth – in two HIV epicenters, Los Angeles and New Orleans. Youth will be triaged into one of three studies – 1) for acute infection, 2) for youth living with HIV to optimize the HIV treatment continuum, and 3) for seronegative high-risk youth to optimize the HIV prevention continuum.

Role: Co-Investigator

U24HD089880 LaVange (PI) 2017/12 – 2021/05

NICHD

Adolescent Medicine Trials Network (ATN) for HIV/AIDS interventions Coordinating Center

ATN Protocol162: Electronic Health Record Monitoring of the Continuum of Youth HIV Prevention and Care

(EHR-COC): This ATN Protocol aims to leverage electronic health record (EHR) data for prospective cohort studies and pragmatic clinical trials to minimize the need for costly research infrastructure, reduce burden on HIV providers and clients, and allow for new paradigms for regulatory review of low-risk trials. Furthermore, collecting EHR data for prevention and care across participant recruitment venues within the ATN allows for monitoring of the prevention and care cascades within the ATN, for comparing the ATN population to large scale surveillance, for future integration of technology-based interventions into EHR, and for informing ATN strategic planning.

Role: Protocol Co-Chair

D43 TW009586 Li (PI) 2016/04 – 2021/03

NIH Fogarty

UCLA/Vietnam Training Program in Evaluation and Advanced Methodologies

The goal of this Fogarty Training Program is to provide training for Vietnamese scholars in advanced epidemiologic methods.

Role: Co-Investigator

D43 TW009600 Detels/Lee (PIs) 2014/04 - 2021/03

NIH Fogarty

UCLA/Myanmar Training Program in Advanced HIV/AIDS Methodologies

The goal of this Fogarty Training Program is to provide training for scholars in Myanmar in advanced HIV/AIDS methodologies.

Role: Co-PI

D43 TW009583 Detels/Lee (PIs) 2014/04 - 2021/03

NIH Fogarty

UCLA/Thai Ministry of Public Health Epidemiology Training Program on AIDS

The goal of this Fogarty Training Program is to provide training for Thai scholars in advanced epidemiologic methods.

Role: Co-PI

P30 MH058107-21 Shoptaw (PI) 2017/04- 2022/01

NIH/NIMH

Center for HIV Identification, Prevention and Treatment Services (CHIPTS)  
CHIPTS is a collaboration of researchers from UCLA, Charles Drew University, Friends Research Institute, and RAND working with the broader L.A. community toward a common goal: to enhance the collective understanding of HIV research and to promote early detection, effective prevention, and treatment programs for HIV.  
Role: Associate Director of Methods Core

P30 MH058107-23S2 Brooks (PI) 2019/02 – 2021/01

NIH/NIMH

Center for HIV Identification, Prevention and Treatment Services (CHIPTS)

CHIPTS Administrative Supplement 2: The goal of this CHIPTS Ending the HIV Epidemic (EHE) Supplement is to examine the use of digital PrEP technologies to optimize PrEP care continuum among high priority populations, including men who have sex with men of color, transgender persons of color, high-risk cis-gender women, and people who inject drugs.

Role: Co-Investigator

CHRP 441588-XJ-19968 Milburn (PI) 2016/04 – 2021/03

California HIV/AIDS Research Program (CHRP)

CHRP Disparities Grant: Fostering Collaboration to Address HIV Disparities in LA

The mission and goals of the Health Disparities Core complement the mission of the UCLA CFAR, to increase its scientific breadth and enhance its potential to positively impact the HIV/AIDS epidemic in Los Angeles County (LAC). The Core’s mission is to build and maintain research and community connections in LAC to reduce the risk and burden of HIV and meet unmet needs for HIV testing and treatment to better address the County’s HIV/AIDS epidemic which continues to grow in communities of color.

Role: Co-Investigator

**Completed Research Support (within three years)**

R01DA041008 Li (PI)                                                 2015/09-2020/05

NIDA

Multilevel integration strategies to enhance service provider networks in Vietnam

This project will develop and pilot test multilevel integration strategies to support people living with HIV and using drugs (PLHWUD) treatment initiation, retention, and adherence in Vietnam, including structural changes for better treatment coordination, strengthening treatment-provider networks for improved service collaboration, and involving community health workers (CHW) to support those in need throughout the treatment cascade. The study will be conducted in six provinces in Vietnam.

Role: Co-Investigator