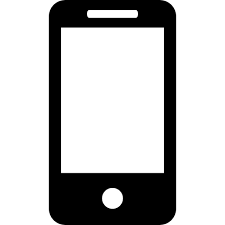
**Solis Winters**

 solis\_winters@berkeley.edu |  301-592-7546 |  linkedin.com/in/solis-winters

# EDUCATION

**Ph.D., Health Policy, Population & Data Science track** Expected 2025

*University of California, Berkeley, School of Public Health*

*Graduate Certificate in Applied Data Science*

*Advisor: Dr. Lia Fernald, Brian and Jennifer Maxwell Endowed Professor in Public Health*

**B.S., Biostatistics and Public Health, *summa cum laude*** 2018

*Saint Louis University, College for Public Health and Social Justice*

*Minors in Engineering Mathematics and Urban Poverty Studies*

* Biostatistics Capstone*: “The Black-White Disparities in Preterm Birth in St. Louis City and County”*
* University Honors Program Capstone: *“Understanding the Role of Social Support Among Low Food-Secure Adults in Missouri”*

# RESEARCH

***Peer-Reviewed Journal Articles***

Njau, P. F.,Katabaro, E., **Winters, S.**, Sabasaba, A., Hassan, K., Joseph, B., Maila, H., Msasa, J., Fahey, C. A., Packel, L., Dow, W. H., Jewell, N. P., Ulenga, N., Mwenda, N., & McCoy, S. I. The impact of financial incentives on viral suppression among adults initiating HIV treatment in Tanzania: a hybrid effectiveness-implementation trial. Forthcoming *Lancet HIV*.

Chitle, P., Sheira, L., Katabaro, A., **Winters, S.**, Njau, P., Sabasaba, A., & McCoy, S. (2024). The impact of financial incentives on mental health among adults in HIV care in Lake Zone, Tanzania. *AIDS*.

**Winters, S.**, Martinez, S., & Johannsen, J. (2024). Do improvements in infant and young child feeding (IYCF) practices endure the test of time? *Journal of Health, Population and Nutrition*, 43, 49*.*

**Winters, S.**, Pitchik, H., Akter, F., Yeasmin, F., Jahir, T., Nurul Huda, T.M., Rahman, M., Winch, P.J., Luby, S.B., & Fernald, L.C.H. (2023). How does women’s empowerment relate to antenatal care attendance? A cross-sectional analysis among rural women in Bangladesh. *BMC Pregnancy and Childbirth,* 23, 436.

**Winters, S.**, Sabasaba, A., Fahey, C.A., Packel, L., Katabaro, E., Ndugile, Y., Njau, P.F., & McCoy, S.I. (2023). Increased prevalence of depression and anxiety among adults initiating antiretroviral therapy during the COVID-19 pandemic in Tanzania. *AIDS Research and Therapy*, 20, 36.

Martinez, S., Murguia, J. M., Rejas, B., & **Winters, S**. (2021). Refrigeration and child growth: What is the connection? *Maternal and Child Nutrition*, e13083.

Acevedo. P., Martinez, S., Pinzon, L., Sanchez-Monin, E., & **Winters, S.** (2020).Distance as a barrier to obstetric care among indigenous women in Panama: a cross-sectional study. *BMJ Open*, 10, e034763.

Gonzalez Acero, C., Martinez, S., Pérez Expósito, A., & **Winters, S**. (2020). Effect of an innovative behavioural change strategy and small-quantity lipid-based nutrient supplements on stunting and obesity in children in Baja Verapaz, Guatemala: protocol for a randomised control trial. *BMJ Open*, 10, e035528.

***Manuscripts in Preparation***

Gonzalez Acero, C., Martinez, S., Pérez Expósito, A., & **Winters, S**. Effect of an innovative behavioral change strategy coupled with small-quantity lipid-based nutrient supplements on stunting and obesity in children in Baja Verapaz, Guatemala: results from a randomized control trial. Under review at *Maternal and Child Nutrition*.

Tucker, S., **Winters, S.**, Katabaro, E., Mlowe, M**.**, Bradshaw, P., Ahern, J., Packel, L., Hillis, S., Sabasaba, A., Njau, P., & McCoy, S. Adverse Childhood Experiences and Disengagement from HIV Care: A Case-Cohort Study in Tanzania. Under review at *AIDS and Behavior*.

Hémono, R., Katabaro, E., Joseph, B., Maila, H., Msasa, J., Hassan, K., **Winters, S.**, Prata, N., Dow, W., Njau, P., Sabasaba, A., & McCoy, S. Impact of financial incentives on intimate partner violence for women living with HIV initiating antiretroviral therapy. Submitted to *AIDS and Behavior*.

***Reports***

Gonzalez Acero, C., Martinez, S., Pérez Expósito, A., & **Winters, S**. (2019). SPOON: Programa continuo para mejorar la nutrición: Resultados de la encuesta de línea base en Baja Verapaz, Guatemala. IDB Technical Note No. 1806. Inter-American Development Bank, Washington, DC.

***Conference Presentations***

**Winters, S.**, Matias, S., Hubbard, A., & Fernald, L. (2024, June 18-21). *Effects of small-quantity lipid-based nutrient supplements on early child growth trajectories compared to micronutrient powders* [Poster presentation]*.* SER 2024, Austin, TX, USA.

Katabaro, E., Mnyippembe, A., Joseph, B., Maila, H., Msasa, J., Hassan, K., Mwenda, N., Bhattarai, P. R., Kunesh, J., **Winters, S.**, Sabasaba, A., Njau, P., Packel, L., & McCoy, S. (2023, December 4-9). *Fidelity and acceptability of an mHealth and financial incentive intervention to assess scalability* [Poster presentation]. ICASA 2023, Harare, Zimbabwe.

Njau, P. F., Katabaro, E., **Winters, S**., Sabasaba, A., Hassan, K., Joseph, B., Maila, H., Msasa, J., Fahey, C. A., Packel, L., Dow, W. H., Jewell, N. P., Ulenga, N., Mwenda, N., & McCoy, S. I. (2023, December 4-9). *The impact of financial incentives on viral suppression among adults starting HIV treatment in Tanzania: a cluster randomized controlled trial* [Oral presentation]. ICASA 2023, Harare, Zimbabwe.

Tucker, S., Katabaro, E., Mlowe, M., **Winters, S.**, Hillis, S., Bradshaw, P., Packel, L., Njau, P., Sabasaba, A., & McCoy, S. I. (2023, December 4-9). *Adverse Childhood Experiences (ACEs) and Disengagement from HIV Care: A Case-Cohort Study in Tanzania* [Poster presentation]. ICASA 2023, Harare, Zimbabwe.

Sabasaba, A., **Winters, S.**, Fahey, C.A., Njau, P.F., Katabaro, E., Ndungile, Y., Packel, L., & McCoy, S.I. (2022, July 29 - August 2). Increased prevalence of depression and anxiety among adults initiating antiretroviral therapy during the COVID-19 pandemic in Tanzania [Poster presentation]. AIDS 2022, Montreal, Canada.

Hémono, R., **Winters, S.**, Katabaro, E., Mnyippembe, A., Njau, P., Sabasaba, A., & McCoy, S. (2022, July 29 - August 2). Changes in intimate partner violence among WLHIV in Tanzania before and during COVID-19 [Poster presentation]. AIDS 2022, Montreal, Canada.

Chitle, P., **Winters, S.**, Fahey, C.A., Packel, L., McCoy, S.I., Katabaro, E., & Sabasaba, A. (2022, July 29 - August 2). Perceived social status and retention in care after antiretroviral therapy initiation in Tanzania [Poster presentation]. AIDS 2022, Montreal, Canada.

# PROFESSIONAL RESEARCH EXPERIENCE

**Graduate Student Researcher** 2021-Present

*University of California, Berkeley, School of Public Health*

* Lead data management, monitoring, and statistical analysis for a cluster randomized control trial to test whether cash incentives can improve treatment adherence among people living with HIV in Tanzania. *PI: Dr. Sandra McCoy, Professor in Residence*

**Research Consultant** 2022-2023

*International Initiative for Impact Evaluation (3ie)*

* Led the analysis for the impact evaluation of a nutrition randomized trial in Baja Verapaz, Guatemala and assisted with development of the manuscript. *Supervisor: Dr. Sebastian Martinez, Director of Evaluation*

**Graduate Student Researcher** 2023

*University of California, San Francisco, School of Nursing*

* Wrote, updated, and revised R Markdown code to generate monthly, tailored reports based on customer feedback data for drug shop owners enrolled in a randomized controlled trial in Tanzania. *PI: Dr. Jenny Liu, Professor*

**Research Consultant** 2020

*International Initiative for Impact Evaluation (3ie)*

* Synthesized evidence around key questions for policymakers in the Philippines as they prepared to respond to challenges posed by COVID-19. *Supervisor: Stuti Tripathi, Senior Evaluation Specialist*

**Research Assistant** 2018-2020

*Inter-American Development Bank, Office of Strategic Planning and Development Effectiveness*

* Provided technical support for impact evaluations and research in maternal and child health and nutrition. *Supervisor*: *Dr. Sebastian Martinez, Principal Economist*

**Undergraduate Research Assistant** 2018

*College for Public Health and Social Justice, Saint Louis University*

* Interviewed parents for a qualitative research study to understand the relationship between sleep habits and health among young children in St. Louis

**Undergraduate Research Assistant** 2015

*American Institutes for* *Research*

* Assisted in the evaluation of Plantwise Kenya, a project focused on improving plant health in Kenya by training extension agents and expanding farmer access to plant health information

# TEACHING

**Graduate Student Instructor**

*University of California, Berkeley, School of Public Health*

* Practicum in MCH Data Analysis II (PH210F) 2024
* Public Health Aspects of Maternal and Child Nutrition (PH207A) 2022
* Nutrition in Developing Countries (PH118) 2021

# FELLOWSHIPS, HONORS, AND AWARDS

Interdisciplinary Training in Demography, NIH NICD T32 Fellowship 2022-2023

Computational Social Science Training Program, NIH T32 Fellowship 2021-2022

Biomedical Big Data Training Program, NIH T32 Fellowship 2020-2021

Outstanding Bachelor of Science in Biostatistics Graduating Senior Award 2018

University of Michigan Big Data Summer Institute, NIH BD2K R25 Initiative 2017

Saint Louis University Honors Program 2014-2018

# UNIVERSITY SERVICE

**Health Policy Social Chair** 2022-2023

*University of California, Berkeley, School of Public Health*

**Health Policy Executive Committee** 2021-2022

*University of California, Berkeley, School of Public Health*

**Health Policy Graduate Admissions Committee** 2020-2021

*University of California, Berkeley, School of Public Health*

**Berkeley Economists for Equity Mentorship Program with DeAnza High School** 2021

*University of California, Berkeley*

# SKILLS

**Languages**

* English (native fluency)
* Spanish (heritage speaker; professional proficiency)

**Statistical Programs**

* R/RStudio/R Markdown, Stata, QGIS (professional proficiency)
* Python, ArcGIS, SAS, SPSS (elementary proficiency)