



Clea Sarnquist, DrPH, MPH

- Clinical Associate Professor, Pediatrics - Infectious Diseases
- Clinical Associate Professor (By courtesy), Epidemiology and Population Health
- 📄 Curriculum Vitae available Online

Bio

BIO

Dr. Sarnquist focuses on applied teaching and research on the development, implementation and evaluation of interventions to decrease gender-based violence and prevent HIV infection, especially among adolescents and children. She is particularly interested in rights-based approaches that tackle the complex interplay of factors that lead to poor health for many children and families. All of her work is applied, with direct links health practice and policy, and usually performed in conjunction with non-governmental organization and government partners. She works both globally and in the U.S., with a focus on sub-Saharan Africa. She is also a medical educator, directing the scholarly concentrations program of the pediatric residency at Stanford, and co-directing the global health concentration for residents

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Pediatrics - Infectious Diseases
- Clinical Associate Professor (By courtesy), Epidemiology and Population Health
- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- Collaboration Award, Department of Pediatrics, Stanford University School of Medicine (2018)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Fellow, Stanford Center for Innovation in Global Health (2015 - present)
- Member, American Public Health Association, HIV/AIDS and International Health sections (2003 - present)
- Member, American Evaluation Association (2014 - present)
- Board Member, MayView Community Health Center (2005 - 2009)

PROFESSIONAL EDUCATION

- DrPH, UC Berkeley , Public Health (2007)
- MPH, UC Berkeley , Infectious Diseases (1999)
- BA, Carleton College , Biology (1996)

LINKS

- Stanford/Packard Global Child Health Group: <http://med.stanford.edu/globalchildhealth.html>

Research & Scholarship

PROJECTS

- GBV and pregnancy prevention in Kenya (10/1/2012 - present)
- Asili: Reducing under-five child mortality through business creation in DRC (10/5/2015 - present)
- Global Polio Prevention (9/24/2013 - present)
- Family planning and PMTCT in Zimbabwe (9/1/2011 - 8/31/2012)
- Medical Monitoring Project (11/1/2004 - 12/31/2012)

Teaching

COURSES

2023-24

- Global Child Health: HUMBIO 124C, MED 124, PEDS 124 (Aut)

2022-23

- Global Child Health: HUMBIO 124C, MED 124, PEDS 124 (Aut)
- Global Medical Issues Affecting Women: FEMGEN 206, SOMGEN 206 (Win)

2021-22

- Global Child Health: HUMBIO 124C, MED 124, PEDS 124 (Aut)
- Global Medical Issues Affecting Women: FEMGEN 206, SOMGEN 206 (Win)

2020-21

- Gender and Intersectionality in Global Health: HUMBIO 29G (Win)
- Global Child Health: HUMBIO 124C, MED 124, PEDS 124 (Aut)
- Global Medical Issues Affecting Women: FEMGEN 206, SOMGEN 206 (Win)

STANFORD ADVISEES

Med Scholar Project Advisor

Lillie Reed

Doctoral Dissertation Co-Advisor (AC)

Jonathan Altamirano

Postdoctoral Research Mentor

Jorge Rodriguez Gil

Publications

PUBLICATIONS

- **Sexual Assault Among Young Adolescents in Informal Settlements in Nairobi, Kenya: Findings from the IMPower and SOS Cluster-Randomized Controlled Trial.** *Prevention science : the official journal of the Society for Prevention Research*
Sarnquist, C., Friedberg, R., Rosenman, E. T., Amuyunzu-Nyamongo, M., Nyairo, G., Baiocchi, M.
2023
- **Symptoms, viral loads, and rebound among COVID-19 outpatients treated with nirmatrelvir/ritonavir compared to propensity score matched untreated individuals.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*

- Smith-Jeffcoat, S. E., Biddle, J. E., Talbot, H. K., Morrisey, K. G., Stockwell, M. S., Maldonado, Y., McLean, H. Q., Ellingson, K. D., Bowman, N. M., Asturias, E., Mellis, A. M., Johnson, S., Kirking, et al
2023
- **Variation in rates of sexual assault crisis counsellor usage during forensic examination in California: an observational study.** *BMJ open*
Serenska, A., Sarnquist, C. C., Darmstadt, G. L.
2023; 13 (10): e072635
 - **Understanding ART Adherence among Adolescent Girls and Young Women in Western Kenya: A Cross-Sectional Study of Barriers and Facilitators.** *International journal of environmental research and public health*
Altamirano, J., Odero, I. A., Omollo, M., Awuonda, E., Ondeng'e, K., Kang, J. L., Behl, R., Ndivo, R., Baiocchi, M., Barsosio, H. C., Sarnquist, C. C.
2023; 20 (20)
 - **Mental health and gender-based violence: An exploration of depression, PTSD, and anxiety among adolescents in Kenyan informal settlements participating in an empowerment intervention.** *PloS one*
Friedberg, R., Baiocchi, M., Rosenman, E., Amuyunzu-Nyamongo, M., Nyairo, G., Sarnquist, C.
2023; 18 (3): e0281800
 - **Qualitative perspectives on COVID-19, interpersonal violence, and interventions to improve well-being from adolescent girls and young women in Kisumu, Kenya.** *Frontiers in reproductive health*
Reed, R. E., Omollo, M., Odero, I., Awuonda, E., Ochere, P., Ondeng'e, K., Kang, J. L., Altamirano, J., Barsosio, H. C., Sarnquist, C.
2023; 5: 1236588
 - **Youth voices from an informal settlement of Nairobi, Kenya: Engaging adolescent perspectives on violence to inform prevention.** *Global public health*
Mphamba, D., Solomon, F. R., Nyairo, G., Kim, C. J., Krishnamoorthi, M., Edem, B., Amuyunzu-Nyamongo, M., Kang, J., Baiocchi, M., Sarnquist, C. C.
2022: 1-14
 - **Rebuilding child health in South Kivu, Democratic Republic of Congo (DRC): evaluating the Asili social enterprise program.** *Conflict and health*
Behl, R., Ali, S., Altamirano, J., Leno, A., Maldonado, Y., Sarnquist, C.
2022; 16 (1): 21
 - **A Novel Model for Generating Creative, Community-Responsive Interventions to Reduce Gender-Based Violence on College Campuses.** *International journal of environmental research and public health*
Graham, S., Zha, C. C., King, A. C., Banchoff, A. W., Sarnquist, C., Dauber, M., Baiocchi, M.
2021; 18 (15)
 - **The Effect of Combining Business Training, Microfinance, and Support Group Participation on Economic Status and Intimate Partner Violence in an Unplanned Settlement of Nairobi, Kenya** *JOURNAL OF INTERPERSONAL VIOLENCE*
Sarnquist, C. C., Ouma, L., Lang'at, N., Lubanga, C., Sinclair, J., Baiocchi, M. T., Cornfield, D. N.
2021; 36 (7-8): 3903–21
 - **Empirical Insights for Improving Sexual Assault Prevention: Evidence From Baseline Data for a Cluster-Randomized Trial of IMPower and Sources of Strength.** *Violence against women*
Rosenman, E., Sarnquist, C., Friedberg, R., Amuyunzu-Nyamongo, M., Oguda, G., Otieno, D., Baiocchi, M.
2019: 1077801219886380
 - **A protocol for a cluster-randomized controlled trial testing an empowerment intervention to prevent sexual assault in upper primary school adolescents in the informal settlements of Nairobi, Kenya.** *BMC public health*
Sarnquist, C. n., Kang, J. L., Amuyunzu-Nyamongo, M. n., Oguda, G. n., Otieno, D. n., Mboya, B. n., Omondi, N. n., Kipkirui, D. n., Baiocchi, M. n.
2019; 19 (1): 834
 - **Prevalence and risk factors for sexual assault among class 6 female students in unplanned settlements of Nairobi, Kenya: Baseline analysis from the IMPower & Sources of Strength cluster randomized controlled trial.** *PloS one*
Baiocchi, M. n., Friedberg, R. n., Rosenman, E. n., Amuyunzu-Nyamongo, M. n., Oguda, G. n., Otieno, D. n., Sarnquist, C. n.
2019; 14 (6): e0213359
 - **Protocol Paper: Oral Poliovirus Vaccine Transmissibility in Communities After Cessation of Routine Oral Poliovirus Vaccine Immunization** *CLINICAL INFECTIOUS DISEASES*
Sarnquist, C., Holubar, M., Garcia-Garcia, L., Ferreyra-Reyes, L., Delgado-Sanchez, G., Pablo Cruz-Hervert, L., Montero-Campos, R., Altamirano, J., Purington, N., Boyle, S., Modlin, J., Ferreira-Guerrero, E., Canizales-Quintero, et al
2018; 67: S115–S120

- **Spatial Analyses of Oral Polio Vaccine Transmission in an Community Vaccinated With Inactivated Polio Vaccine** *CLINICAL INFECTIOUS DISEASES*
Jarvis, C., Altamirano, J., Sarnquist, C., Edmunds, W., Maldonado, Y.
2018; 67: S18–S25
- **Assessing the Risk of Vaccine-derived Outbreaks After Reintroduction of Oral Poliovirus Vaccine in Postcessation Settings** *CLINICAL INFECTIOUS DISEASES*
Fu, R., Altamirano, J., Sarnquist, C. C., Maldonado, Y. A., Andrews, J. R.
2018; 67: S26–S34
- **Validation of a High-throughput, Multiplex, Real-time Qualitative Polymerase Chain Reaction Assay for the Detection of Sabin Oral Polio Vaccine in Environmental Samples** *CLINICAL INFECTIOUS DISEASES*
Altamirano, J., Leary, S., van Hoorebeke, C., Sarnquist, C., Behl, R., Garcia-Garcia, L., Ferreyra-Reyes, L., Huang, C., Sommer, M., Maldonado, Y.
2018; 67: S98–S102
- **OPV Vaccination and Shedding Patterns in Mexican and US Children** *CLINICAL INFECTIOUS DISEASES*
Altamirano, J., Sarnquist, C., Behl, R., Garcia-Garcia, L., Ferreyra-Reyes, L., Leary, S., Maldonado, Y.
2018; 67: S85–S89
- **Characterization of Household and Community Shedding and Transmission of Oral Polio Vaccine in Mexican Communities With Varying Vaccination Coverage** *CLINICAL INFECTIOUS DISEASES*
Altamirano, J., Purington, N., Behl, R., Sarnquist, C., Holubar, M., Garcia-Garcia, L., Ferreyra-Reyes, L., Montero-Campos, R., Pablo Cruz-Hervert, L., Boyle, S., Modlin, J., van Hoorebeke, C., Leary, et al
2018; 67: S4–S17
- **Protocol Paper: Oral Poliovirus Vaccine Transmissibility in Communities After Cessation of Routine Oral Poliovirus Vaccine Immunization.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Sarnquist, C., Holubar, M., Garcia-Garcia, L., Ferreyra-Reyes, L., Delgado-Sanchez, G., Cruz-Hervert, L. P., Montero-Campos, R., Altamirano, J., Purington, N., Boyle, S., Modlin, J., Ferreira-Guerrero, E., Canizales-Quintero, et al
2018; 67 (suppl_1): S115–S120
- **Spatial Analyses of Oral Polio Vaccine Transmission in an Community Vaccinated With Inactivated Polio Vaccine.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Jarvis, C. I., Altamirano, J., Sarnquist, C., Edmunds, W. J., Maldonado, Y.
2018; 67 (suppl_1): S18–S25
- **Characterization of Household and Community Shedding and Transmission of Oral Polio Vaccine in Mexican Communities With Varying Vaccination Coverage.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Altamirano, J., Purington, N., Behl, R., Sarnquist, C., Holubar, M., Garcia-Garcia, L., Ferreyra-Reyes, L., Montero-Campos, R., Cruz-Hervert, L. P., Boyle, S., Modlin, J., van Hoorebeke, C., Leary, et al
2018; 67 (suppl_1): S4–S17
- **Validation of a High-throughput, Multiplex, Real-time Qualitative Polymerase Chain Reaction Assay for the Detection of Sabin Oral Polio Vaccine in Environmental Samples.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Altamirano, J., Leary, S., van Hoorebeke, C., Sarnquist, C., Behl, R., Garcia-Garcia, L., Ferreyra-Reyes, L., Huang, C., Sommer, M., Maldonado, Y.
2018; 67 (suppl_1): S98–S102
- **OPV Vaccination and Shedding Patterns in Mexican and US Children.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Altamirano, J., Sarnquist, C., Behl, R., Garcia-Garcia, L., Ferreyra-Reyes, L., Leary, S., Maldonado, Y.
2018; 67 (suppl_1): S85–S89
- **The Effect of Combining Business Training, Microfinance, and Support Group Participation on Economic Status and Intimate Partner Violence in an Unplanned Settlement of Nairobi, Kenya.** *Journal of interpersonal violence*
Sarnquist, C. C., Ouma, L., Lang'at, N., Lubanga, C., Sinclair, J., Baiocchi, M. T., Cornfield, D. N.
2018: 886260518779067
- **Associations between women's perceptions of gender relations and self-esteem and self-efficacy in a former conflict zone: baseline findings in South Kivu, DR Congo**
Sarnquist, C., Behl, R., Talib, A., Altamirano, J., Jerome, B., Inungu, J., Maldonado, Y.
ELSEVIER SCI LTD.2018: S5

- **Assessing the Risk of Vaccine-derived Outbreaks After Reintroduction of Oral Poliovirus Vaccine in Postcessation Settings.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Fu, R. n., Altamirano, J. n., Sarnquist, C. C., Maldonado, Y. A., Andrews, J. R.
2018; 67 (suppl_1): S26-S34
- **Assessing the individual risk of fecal poliovirus shedding among vaccinated and non-vaccinated subjects following national health weeks in Mexico** *PLOS ONE*
Ferreira-Reyes, L., Pablo Cruz-Hervert, L., Troy, S. B., Huang, C., Sarnquist, C., Delgado-Sanchez, G., Canizales-Quintero, S., Holubar, M., Ferreira-Guerrero, E., Montero-Campos, R., Rodriguez-Alvarez, M., Mongua-Rodriguez, N., Maldonado, et al
2017; 12 (10): e0185594
- **Evidence That Classroom-Based Behavioral Interventions Reduce Pregnancy-Related School Dropout Among Nairobi Adolescents** *HEALTH EDUCATION & BEHAVIOR*
Sarnquist, C., Sinclair, J., Mboya, B. O., Langat, N., Paiva, L., Halpern-Felsher, B., Golden, N. H., Maldonado, Y. A., Baiocchi, M. T.
2017; 44 (2): 297-303
- **Evaluation of a Smartphone Decision-Support Tool for Diarrheal Disease Management in a Resource-Limited Setting.** *PLoS neglected tropical diseases*
Haque, F., Ball, R. L., Khatun, S., Ahmed, M., Kache, S., Chisti, M. J., Sarker, S. A., Maples, S. D., Pieri, D., Vardhan Korrapati, T., Sarnquist, C., Federspiel, N., Rahman, et al
2017; 11 (1)
- **A Behavior-Based Intervention That Prevents Sexual Assault: the Results of a Matched-Pairs, Cluster-Randomized Study in Nairobi, Kenya.** *Prevention science*
Baiocchi, M., Omondi, B., Langat, N., Boothroyd, D. B., Sinclair, J., Pavia, L., Mulinge, M., Githua, O., Golden, N. H., Sarnquist, C.
2016: -?
- **Evidence That Classroom-Based Behavioral Interventions Reduce Pregnancy-Related School Dropout Among Nairobi Adolescents.** *Health education & behavior*
Sarnquist, C., Sinclair, J., Omondi Mboya, B., Langat, N., Paiva, L., Halpern-Felsher, B., Golden, N. H., Maldonado, Y. A., Baiocchi, M. T.
2016
- **Community circulation patterns of oral polio vaccine serotypes 1, 2, and 3 after mexican national immunization weeks.** *journal of infectious diseases*
Troy, S. B., Ferreira-Reyes, L., Huang, C., Sarnquist, C., Canizales-Quintero, S., Nelson, C., Báez-Saldaña, R., Holubar, M., Ferreira-Guerrero, E., García-García, L., Maldonado, Y. A.
2014; 209 (11): 1693-1699
- **Rape prevention through empowerment of adolescent girls.** *Pediatrics*
Sarnquist, C., Omondi, B., Sinclair, J., Gitau, C., Paiva, L., Mulinge, M., Cornfield, D. N., Maldonado, Y.
2014; 133 (5): e1226-32
- **Integrating family planning and prevention of mother to child HIV transmission in Zimbabwe.** *Contraception*
Sarnquist, C. C., Moyo, P., Stranix-Chibanda, L., Chipato, T., Kang, J. L., Maldonado, Y. A.
2014; 89 (3): 209-214
- **Antiretroviral therapy adherence and predictors to adherence in Albania: a cross-sectional study.** *Journal of infection in developing countries*
Morrison, S. D., Rashidi, V., Sarnquist, C., Banushi, V. H., Hole, M. K., Barbhuiya, N. J., Gashi, V. H., Osterberg, L., Maldonado, Y., Harxhi, A.
2014; 8 (7): 853-862
- **Factors Influencing Women's Decision to Seek Antenatal Care in the ANDES of Peru** *MATERNAL AND CHILD HEALTH JOURNAL*
Ayala, L. S., Blumenthal, P. D., Sarnquist, C. C.
2013; 17 (6): 1112-1118
- **Reproductive Health and Family Planning Needs Among HIV-Infected Women in Sub-Saharan Africa** *CURRENT HIV RESEARCH*
Sarnquist, C. C., Rahangdale, L., Maldonado, Y.
2013; 11 (2): 160-168
- **Communicating About Vaccines and Vaccine Safety: What Are Medical Residents Learning and What Do They Want to Learn?** *JOURNAL OF PUBLIC HEALTH MANAGEMENT AND PRACTICE*
Sarnquist, C., Sawyer, M., Calvin, K., Mason, W., Blumberg, D., Luther, J., Maldonado, Y.
2013; 19 (1): 40-46

- **Cultural adaptation of a survey to assess medical providers' knowledge of and attitudes towards HIV/AIDS in Albania.** *PloS one*
Morrison, S. D., Rashidi, V., Banushi, V. H., Barbhैया, N. J., Gashi, V. H., Sarnquist, C., Maldonado, Y., Harxhi, A.
2013; 8 (3): e59816
- **Cultural adaptation of a survey to assess medical providers' knowledge of and attitudes towards HIV/AIDS in Albania.** *PloS one*
Morrison, S. D., Rashidi, V., Banushi, V. H., Barbhैया, N. J., Gashi, V. H., Sarnquist, C., Maldonado, Y., Harxhi, A.
2013; 8 (3)
- **Staphylococcal infections in children, California, USA, 1985-2009.** *Emerging infectious diseases*
Gutierrez, K., Halpern, M. S., Sarnquist, C., Soni, S., Arroyo, A. C., Maldonado, Y.
2013; 19 (1): 10-20
- **Levels of self-reported depression and anxiety among HIV-positive patients in Albania: a cross-sectional study** *CROATIAN MEDICAL JOURNAL*
Morrison, S. D., Banushi, V. H., Sarnquist, C., Gashi, V. H., Osterberg, L., Maldonado, Y., Harxhi, A.
2011; 52 (5): 622-628
- **BARRIERS TO CARE AND CURRENT MEDICAL AND SOCIAL NEEDS OF HIV-POSITIVE PATIENTS IN ALBANIA** *CENTRAL EUROPEAN JOURNAL OF PUBLIC HEALTH*
Morrison, S. D., Banushi, V. H., Sarnquist, C., Gashi, V. H., Osterberg, L., Maldonado, Y., Harxhi, A.
2011; 19 (2): 91-97
- **Rural HIV-infected women's access to medical care: ongoing needs in California** *AIDS CARE-PSYCHOLOGICAL AND SOCIO-MEDICAL ASPECTS OF AIDS/HIV*
Sarnquist, C. C., Soni, S., Hwang, H., Topol, B. B., Mutima, S., Maldonado, Y. A.
2011; 23 (7): 792-796
- **How Racial and Ethnic Groupings May Mask Disparities: The Importance of Separating Pacific Islanders From Asians in Prenatal Care Data** *MATERNAL AND CHILD HEALTH JOURNAL*
Sarnquist, C. C., Grieb, E. M., Maldonado, Y. A.
2010; 14 (4): 635-641
- **Frequency of Cervical Cancer and Breast Cancer Screening in HIV-Infected Women in a County-Based HIV Clinic in the Western United States** *JOURNAL OF WOMENS HEALTH*
Rahangdale, L., Sarnquist, C., Yavari, A., Blumenthal, P., Israelski, D.
2010; 19 (4): 709-712
- **Prenatal Screening for Infectious Diseases: An Analysis of Disparities and Adherence to Policy in California** *134th Annual Meeting of the American-Public-Health-Association*
Sheikh, L. A., Sarnquist, C., Grieb, E. M., Sullivan, B., Maldonado, Y. A.
SPRINGER/PLENUM PUBLISHERS.2009: 260-67
- **Increased Uptake of HIV Testing With the Integration of Nurse-Initiated HIV Testing Into Routine Prenatal Care** *JAIDS-JOURNAL OF ACQUIRED IMMUNE DEFICIENCY SYNDROMES*
Cohan, D., Sarnquist, C., Gomez, E., Feakins, C., Maldonado, Y., Zetola, N.
2008; 49 (5): 571-573
- **Patient acceptance of and satisfaction with rapid HIV testing in a labor and delivery setting** *JOURNAL OF WOMENS HEALTH*
Rahangdale, L., Sarnquist, C., Maldonado, Y., Cohan, D.
2008; 17 (3): 465-471
- **Rapid HIV testing on Labor and delivery - Lessons from the field** *JAIDS-JOURNAL OF ACQUIRED IMMUNE DEFICIENCY SYNDROMES*
Rahangdale, L., Sarnquist, C., Feakins, C., Nassos, P., Haller, B., Cohan, D.
2007; 46 (3): 376-378
- **The effectiveness of state and national policy on the implementation of perinatal HIV prevention interventions** *AMERICAN JOURNAL OF PUBLIC HEALTH*
Sarnquist, C. C., Cunningham, S. D., Sullivan, B., Maldonado, Y.
2007; 97 (6): 1041-1046
- **A comparison of perinatal HIV prevention opportunities for Hispanic and non-Hispanic women in California** *AIDS EDUCATION AND PREVENTION*
Kropp, R. Y., Sarnquist, C. C., Montgomery, E. T., Ruiz, J. D., Maldonado, Y. A.

