

DANIELLE N. POOLE

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1. EDUCATION

Sc.D. Global Health and Population

Expected May, 2019

Harvard T.H. Chan School of Public Health
Harvard University

- Dissertation: Measuring the health of forcibly displaced populations
- Advisors: Till Bärnighausen, Marcia Castro, Bethany Hedt-Gauthier, Stéphane Verguet
- Minors: Biostatistics and Epidemiology

M.P.H. Global Health

2012

Brown University School of Public Health
Brown University

- Thesis: Intervention acceptability and feasibility in sub-Saharan Africa: a pilot psychosocial intervention addressing mental health morbidities amongst South African orphans and vulnerable children
- Advisors: Caroline Kuo, Mark Lurie, Don Operario

B.A. (Hon) Fine Art Photography

2008

Seattle University

- Thesis: Refugee resettlement
- Advisor: Claire Garoutte

2. EMPLOYMENT

Consultant

2019 – Present

United States Agency for International Development

Researcher

2016 – Present

Harvard Humanitarian Initiative

Editor

2014 – 2017

American Journal Experts

Graduate Student Researcher

2014 – 2015

Harvard T.H. Chan School of Public Health

Project Director

2013 – 2014

The Miriam Hospital Immunology Center

Research Coordinator

2012 – 2013

University of Washington

Graduate Student Intern World Health Organization	2011
Research Assistant Institute for Immunology & Informatics	2010 – 2012
Research Assistant Ragon Institute of MGH, MIT & Harvard	2009 – 2010

3. PUBLICATIONS

A. REFEREED JOURNAL ARTICLES

- 1) **Poole DN**, Liao S, Larson E, Hedt-Gauthier B, Raymond N, Bärnighausen T. Implementation of a sequential screening process for depression in humanitarian crises: a validation study of the Patient Health Questionnaire in Syrian refugees. *Lancet Global Health*. (*In Press*).
- 2) Scarnecchia DP, Raymond NA, **Poole DN**. The emergence of digitally networked displaced populations: challenges to current humanitarian practice and doctrine. *International Review of the Red Cross*. (*In Press*).
- 3) Sharma J, **Poole DN**. Gender bias in publishing. *The Lancet*, 2018; 392: 10157.
- 4) **Poole DN**, Hedt-Gauthier B, Liao S, Raymond N, Bärnighausen T. Major depressive disorder prevalence and risk factors among Syrian asylum seekers in Greece. *BMC Public Health* 2018; **18**: 908.
- 5) **Poole DN**, Hedt-Gauthier B, Raymond N, Bärnighausen T. Major depression prevalence among Syrian migrants seeking asylum in Greece: a cross-sectional survey. *The Lancet Global Health*, 2018; 6: S20.
- 6) Scarnecchia DP, Raymond NA, Greenwood F, Howarth C, **Poole DN**. A Rights-based approach to information in humanitarian assistance. *PLOS Currents Disasters*. 2017 Sep 20. Edition 1.
- 7) Wamuti BM, Erdman LK, Cherutich P, Golden M, Dunbar M, Bukusi D, Richardson B, Ng'ang'a A, Barnabas R, Mutiti PM, Jerop M, Otieno FA, **Poole DN**, Farquhar C. Assisted partner notification services to augment HIV testing and linkage to care in Kenya: study protocol for a cluster randomized trial. *Implementation Science* 2015; 10:23.
- 8) Chan PA, Maher J, **Poole DN**, Alexander-Scott N, Ducharme RB, Yates G, Benben S, Nunn A, Comella J, Bandy U, Montague BT, Kojic E, Chapin K, Flanigan TP. Addressing the increasing burden of sexually transmitted infections Rhode Island. *Rhode Island Journal of Medicine* 2013; 98(1).

- 9) **Poole DN**, McClelland RS. Global epidemiology of *Trichomonas vaginalis*. *Sex Transm Infect* 2014; 90(1):75.
- 10) **Poole DN**, Tracy JK, Levitz L, Rochas M, Sangare K, Yekta S, Touunkara K, Aboubacar B, Koita O, Lurie M, De Groot AS. A cross-sectional study to assess HPV knowledge and HPV vaccine acceptability in Mali. *PLoS ONE* 2013; 8(2): e56402.
- 11) Julg B#, **Poole DN**#, Ghebremichael M#, Castilla C, Altfeld M, Sunpath H, Murphy R, Walker BD. Factors predicting discordant virological and immunological responses to antiretroviral therapy in HIV-1 Clade C infected Zulu/Xhosa in South Africa. *PLoS One* 2012; 7: e31161.
- 12) Mureithi MW, **Poole DN**, Naranbhai V, Reddy S, Mkhwanazi NP, Sibeko S, Werner L, Abdool Karim Q, Abdool Karim S, Ndung'u T, Altfeld M; CAPRISA004 Trial Group. Preservation of HIV-1-specific IFN γ + CD4+ T-cell responses in breakthrough infections after exposure to tenofovir gel in the CAPRISA 004 microbicide trial. *J Acquir Immune Defic Syndr* 2012; 60: 124-127.
- 13) Jost S, Reardon J, Peterson E, **Poole DN**, Bosch R, Alter G, Altfeld M. Expansion of 2B4+ natural killer (NK) cells and decrease in NKp46+ cells in response to influenza. *Immunology* 2011; 132: 516-526.
- 14) Mureithi MW, Cohen K, Moodley R, **Poole DN**, Mncube Z, Kasmar A, Moody DB, Goulder PJ, Walker BD, Altfeld M, Ndung'u T. Impairment of CD1d-restricted natural killer T cells in chronic HIV type 1 clade C infection. *AIDS Res Hum Retroviruses* 2011; 27: 501-509

B. WORK IN PREPARATION

- 15) **Poole DN**, Hedt-Gauthier B, Bärnighausen T, Castro M. Promise of safe passage: a spatial analysis of migrant mortality. (*In Preparation*).
- 16) **Poole DN**, Liao S, Larson E, Hedt-Gauthier B, Raymond N, Bärnighausen T, Smith-Fawzi M. Implementation of a two-step screening procedure for depression in humanitarian crises. (*In Preparation*).

C. ABSTRACTS

- 1) **Poole DN**, Liao S, Larson E, Hedt-Gauthier B, Raymond N, Bärnighausen T. Implementation of a two-step screening procedure for depression in humanitarian crises. Oral abstract presentation, 9th Annual Consortium of Universities for Global Health Conference. March, 2019, Chicago, IL USA.
- 2) **Poole DN**, Liao S, Raymond N, Zaqquot O, Bärnighausen T. A nested screening procedure for depression in crises. 5th Annual State of Global Health Symposium. April, 2018, Boston, MA USA.

- 3) **Poole DN**, Hedt-Gauthier B, Raymond N, Bärnighausen T. Major depression prevalence among Syrian migrants seeking asylum in Greece. Oral abstract presentation, 8th Annual Consortium of Universities for Global Health Conference. March, 2018, New York, NY USA.
- 4) **Poole DN**, Latonero M, Ricard J. Technology and migration. Oral abstract presentation, International Data Responsibility Group Conference. March, 2017, The Hague, Netherlands.
- 5) **Poole DN**, Tracy K, Levitz L, Yekta S, Kossow E, Huang T, Rochas M, Sangare K, Tounkara K, Aboubacar B, Koita O, Siby Diallo F, Sow S, Teguate I, Dolo A, Bougoudogo F, Lurie M, De Groot AS. Knowledge/attitudes/practices of HPV & cervical cancer and willingness to participate in vaccine trials in preparation for HIV & HPV vaccine trials in Mali. Oral abstract presentation, AIDS Vaccine 2012. September, 2012, Boston, MA USA.
- 6) **Poole DN**. A pilot intervention to reduce mental health morbidities amongst South African orphans and vulnerable children. Oral abstract presentation, Global Health & Innovation Conference. April, 2011, New Haven, CT USA.

D. GUEST LECTURES

- 1) **Poole DN**. “Asking the right questions: survey development.” Harvard T.H. Chan School of Public Health GHP 562 (Program Monitoring and Evaluation). April 25th, 2016.
- 2) **Poole DN**. “Depression among Syrian Refugees in Greece: s Case Study on Designing Research for Policy.” HS 303f The Heller School for Social Policy and Management, Brandeis University (Disaster Management and Risk Reduction). May 4th, 2017.

E. INVITED ACADEMIC PRESENTATIONS

- 1) **Poole DN**. “Development in the digital age: mobile money, big data, and new strategies for international cooperation.” German American Conference, Harvard University. Boston, MA USA. October 6th, 2018.
- 2) **Poole DN**. “Refugee Connectivity: The relationship between mobile phones and wellbeing among Syrian refugees in Greece.” François-Xavier Bagnoud Center for Health and Human Rights, Harvard T.H. Chan School of Public Health. Boston, MA USA. May 9th, 2018.
- 3) **Poole DN**. “Responsible global health.” Global Health and Leadership Conference, Harvard University. Boston, MA USA. April 29th, 2018.
- 4) **Poole DN**. “Major depression prevalence and the feasibility of mHealth interventions among Syrian asylum seekers in Greece.” Weatherhead Center for International Affairs Gender Inequality Workshop, Harvard University. Boston, MA USA. February 21st, 2018.
- 5) **Poole DN**. “Digital technology: opportunities and risks of ICT use in crises.” National Academy of Sciences Committee on Human Rights Symposium. Washington D.C., USA. December 7th, 2017.

- 6) **Poole DN.** “The mental health of Syrian refugees.” Heidelberg University. Heidelberg, Germany. March 6th, 2017.
- 7) **Poole DN.** Women’s lifecourse events and HIV transmission potential: a multidisciplinary study. STD/AIDS Collaborative Research Group Annual Review Meeting. Nairobi, Kenya. January 22nd, 2013.

F. PROFESSIONAL PUBLICATIONS

- 1) Latonero M#, **Poole DN**#. Refugee Connectivity. Report, Harvard Humanitarian Initiative. 2017.
- 2) Greenwood F, Howarth C, **Poole DN**, Raymond NA, Scarnecchia D. The Signal Code: A Human Rights Approach to Information During Crises. Harvard Humanitarian Initiative. 2016.

G. MEDIA

- 1) Nakkazi E, “HIV vaccine trials struggle to enroll women,” Nature News & Comment (12 September 2013).

4. RESEARCH GRANTS

A. GRANTS CURRENTLY HELD

Studying the effects of WiFi provision & mobile connectivity on the wellbeing of displaced populations (Poole)

Role on Project: Co-Investigator

\$118,360

Dates: January 1 – December 31, 2019

Funder: Mercy Corps

Project Identifier: HQ18NF019

Description: The proposed research seeks to explore the effects of WiFi provision and mobile connectivity on the safety, security, health, and psychosocial well-being of crisis-affected populations. This project aims to develop an in-depth understanding of the effects of information communication technology in urban and camp settings.

B. SUBMITTED GRANTS

Hotspots of HIV incidence: data for prevention targeting in rural South Africa (Poole)

Role on Project: Principal Investigator

TBD

Dates: 1 July 2018 – June 30, 2019

Funder: National Institutes of Health: National Institute of Allergy and Infectious Diseases

Project Identifier: APKP6706

Description: There is a fundamental gap in understanding the differences between the effects expected from evidence-based HIV prevention interventions and real-world results. The lack of empirical data describing heterogeneity within generalized epidemics, such as the spatial and temporal dynamics of incidence and variance in the local risk environment, including social (the composition of individual-level) and structural (context place-level) HIV risk factors, may

hinder the effectiveness of prevention efforts. The long-term goal of this research is to target HIV prevention responsive to variance in the risk environment by characterizing hotspots of HIV incidence in the generalized South African epidemic.

B. COMPLETED GRANTS

A pilot study on the relationships between mobile phones, food security, and psychological health among displaced populations (Poole)

Role on Project: Co-Investigator

\$50,000

Dates: January 1 – June 30, 2018

Funder: World Food Programme

Project Identifier: HQ18NF019/P04800282554

Description: This study piloted a survey instrument designed to identify associations between access to mobile phones, food security status, and psychosocial well-being indicators amongst displaced populations.

Technology and Migration (Poole)

Role on Project: Principal Investigator

Research Expenses

Dates: September 1, 2018 – March 1, 2019

Funder: International Data Responsibility Group

Project Identifier: N/A

Description: The objectives of this study were to 1) understand the demographic and socioeconomic predictors of mobile phone ownership, access, and usage among Syrian refugees, 2) describe the relationships between mobile phone use and mental health outcomes, and 3) explore the relationship between mobile phone use and access to information.

5. MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS & SOCIETIES

- 1) Society for Implementation Research Collaboration (2018 – Present)
- 2) Consortium of Universities in Global Health (2017 – Present)
- 3) American Psychological Association – USA (2015 – Present)

6. PROFESSIONAL CERTIFICATIONS

- 1) Basic Security in the Field II, United Nations Department of Safety and Security
- 2) Building a Better Response, Humanitarian Academy at Harvard

7. SERVICE

A. UNIVERSITY OR DEPARTMENTAL

- 1) President, Harvard Chan Student Humanitarian Research Society (2017 – 2018)
- 2) Discussion Moderator, Voices in Leadership, Harvard T.H. Chan School of Public Health (2016 – 2017)

- 3) Graduate Student Affiliate, Harvard Center for Population and Development Studies (2016-Present)
- 4) Member, Curriculum Committee, School of Public Health, Brown University (2010-2012)

B. EDITORIAL

- Editor-in-Chief: Harvard Public Health Review 2017 – 2018
- Editorial Assistant: Health Systems & Reform 2016 – 2017
- Editorial Assistant: Trauma Psychology News 2016

B. JOURNAL REVIEW

- AIDS CARE 2013
- BMJ Open 2017
- International Journal of STD and AIDS 2015
- PLoS ONE 2013, 2018
- Psychology, Health & Medicine 2015
- Sexually Transmitted Infections 2014, 2018
- Social Inclusion 2018
- Tropical Medicine & International Health 2018
- Vaccine 2014

C. GRANT REVIEW

- Ad Hoc Reviewer, National Research Foundation of South Africa (2015 – 2016).
- Committee Member, Health Care Innovation Award Round 2, Center for Medicare & Medicaid Innovation (2013).

D. COMMUNITY

Global Health Workforce Panel 2019 – Present

- Panel Member, Consortium of Universities for Global Health

Commonwealth Land Trust 2018 – Present

- Board Member, Board of Directors

MSM Community Advisory Board, Brown University 2014

- Member, Community Advisory Board

8. AWARDS AND ACHIEVEMENTS

Foreign Language & Area Studies Fellowship, Harvard University 2017 – 2018

- Awarded \$33,000 for tuition and a stipend to study isiZulu (*declined*).

- Weatherhead Center for International Affairs, Harvard University** 2017
- Awarded \$13,000 for training in gender inequalities.
- Global Health and Population Conference Travel Award, Harvard University** 2017
- Awarded \$1,000 to present at a conference.
- Foreign Language & Area Studies Fellowship, Harvard University** 2016 – 2017
- Awarded \$33,000 for tuition and a stipend to study isiZulu.
- Nominated Changemaker, Whitehouse State of Women Summit** 2016
- Awarded Nominated through public submissions to attend the White House United State of Women Summit.
- Fellow, Program on Humanitarian Leadership, Harvard University** 2016
- Awarded to exceptional humanitarian professionals working in humanitarian settings.
- Michael von Clemm Research Travel Award, Harvard University** 2016
- Awarded partial funding for a research project.
- Michael von Clemm Research Travel Award, Harvard University** 2015
- Awarded partial funding for a research project.
- Tuition Award, Harvard University** 2014 – 2019
- Tuition award.
- Foreign Language & Area Studies Fellowship, Harvard University** 2014 – 2015
- Awarded \$33,000 for tuition and a stipend to study Krio.
- Researcher of the Month, Institute for Immunology & Informatics** 2016
- Awarded to outstanding researcher.
- Foreign Studies Fellowship, Brown University** 2011
- Awarded partial funding for thesis research.
- Merit Scholarship, Brown University** 2011
- Awarded for academic excellence.
- Global Health Scholar, Brown University** 2011
- Awarded for academic excellence and research potential.
- President’s List, Seattle University** 2007 – 2008
- Awarded to scholars with a GPA >3.9.

9. TEACHING EXPERIENCE

MMSc-GHD Program Seminar Teaching Assistant Harvard Medical School	2016 – 2017
GHP 562 “Program Monitoring and Evaluation” Teaching Assistant Harvard T.H. Chan School of Public Health	2016
GHP 245 “Delivery of Health in Developing Countries” Teaching Assistant Harvard T.H. Chan School of Public Health	2016
ID 513 “Ethics and Health Disparities” Teaching Assistant Harvard T.H. Chan School of Public Health	2016
GHP 511 “International Perspectives on Justice for Children” Teaching Assistant Harvard T.H. Chan School of Public Health	2016
ID 205 “Societal Response to Disaster and War” Teaching Assistant Harvard T.H. Chan School of Public Health	2016
GHP 268 “Health and Human Rights” Teaching Assistant Harvard T.H. Chan School of Public Health	2015 – 2016
EPI 231 “Readings in Global Health” Teaching Assistant Harvard T.H. Chan School of Public Health	2014 – 2017