### **CURRICULUM VITAE**

### Sabrina Hermosilla, PhD, MIA, MPH, MPHIL, MS

Date of Preparation: April 25, 2023

#### PERSONAL DATA

Assistant Professor Heilbrunn Department of Population and Family Health Mailman School of Public Health Office: 60 Haven Avenue New York, NY 10032 Home: 455 Main Street, Apt 14E New York, NY 10044 Email: sh2405@cumc.columbia.edu Phone: 718-924-5886 (cell) Birthplace: New York, USA Citizenship: USA, Chile Languages: English (native), Spanish (fluent), Nepali (basic), French (basic), Russian (basic)

### ACADEMIC APPOINTMENTS AND WORK EXPERIENCE

Assistant Professor, Heilbrunn Department of Population and Family Health (HDPFH), Sept 2022-present Columbia University Mailman School of Public Health, New York, NY

Research Investigator, Institute for Social Research, Aug 2019-Aug 2022 University of Michigan, Ann Arbor, MI

Adjunct Professor, Aug-Dec 2016, Aug-Dec 2019 New York University College of Global Public Health, New York, NY

Postdoctoral Research Scientist, Department of Psychiatry, July 2017-July 2019 Columbia University College of Physicians and Surgeons, New York, NY

Lecturer, Epidemiology and Population Health Summer Institute, June 2014-June 2019 Columbia University Mailman School of Public Health, New York, NY

Lecturer, Heilbrunn Department of Population and Family Health, Sept 2015-Dec 2015 Columbia University Mailman School of Public Health, New York, NY

Postdoctoral Research Fellow, Department of Psychiatry, July 2015-June 2017 Columbia University College of Physicians and Surgeons, New York, NY

Statistical Consultant, Child Friendly Spaces in Humanitarian Emergencies, July 2014-June 2015 Columbia University Mailman School of Public Health, New York, NY

Graduate Research Manager, Sept 2012-June 2015 Departments of Epidemiology (PI: Dr. Sandro Galea) and Health Policy and Management (PI: Dr. Margaret Kruk) Mailman School of Public Health, Columbia University, New York, NY

Assistant Director, International Family AIDS Program (IFAP), HDPFH, July 2009–Aug 2010 Columbia University Mailman School of Public Health, New York, NY Program Coordinator, IFAP, HDPFH, May 2008-June 2009 Columbia University Mailman School of Public Health, New York, NY

Research Assistant, Program on Survivors of Torture, Feb 2008-May 2011 Mt. Sinai Hospital, New York, NY

International Recruitment Administrator, Human Resources Department, Feb 2006-Dec 2006 The International Rescue Committee (IRC), New York, NY

Human Resources/Payroll Assistant, Relocation Administrator, Feb 2005-Aug 2005 World Kitchen Inc., Arlington, VA

### **EDUCATION**

Doctor of Philosophy, Epidemiology, 2015

Columbia University, Mailman School of Public Health - Graduate School of Arts and Sciences Dissertation: Measuring Psychopathology: Exploring Construct Validity Evidence for PTSD Sponsor: Dr. Sandro Galea

Master of Philosophy, Epidemiology, 2013 Columbia University, Mailman School of Public Health - Graduate School of Arts and Sciences

Master of International Relations & Master of Public Health, Forced Migration and Health, 2008 Columbia University, School of International and Public Affairs - Mailman School of Public Health Program on Forced Migration and Health

Master of Science, Secondary Education, 2003 City College of New York, New York, NY

Bachelor of Arts, International Relationship, *cum laude*, 2001 Colgate University, Hamilton, NY

### TRAINING

Global Mental Health Postdoctoral Research Fellow, July 2015-June 2017 Division of Epidemiology, Department of Psychiatry, College of Physicians and Surgeons, Columbia University, New York, NY NIH T32MH096724 (Mentors: Alastair Ager, PhD and Kathleen Pike, PhD)

Teagle Foundation Teaching Scholars Fellowship, August 2014-May 2015

Columbia University, New York, NY

Affiliated Research Fellow, Psychosocial Assessment of Development and Humanitarian Interventions, May-Aug 2007 University of Colombo, Colombo, Sri Lanka

AmeriCorps Fellow, English as a Second Language Coordinator and Teacher, July 2001-Aug 2003 Bronx Coalition Community School for Technology High School, Bronx, NY

# EXPLANAITION OF GAPS IN WORK/TRAINING/EDUCATION

I took maternity leave in 2017 and 2022 and extended family leave in 2019.

### HONORS AND AWARDS

Prose Award Excellence Category contributing co-author winner (Nursing and Allied Health), for *Urban Health*, Ed. Galea, S., Vlahov, D. 2020 Student Conference Travel Fund Program award recipient, Mailman School of Public Health, 2014 EPIC Student Fund award recipient, Department of Epidemiology, Mailman School of Public Health, 2014 Public Health Scholar, Mailman School of Public Health, 2007 Susan B. Purdin Summer Travel Award, Mailman School of Public Health, 2007

#### ACADEMIC SERVICE

#### National Institute of Mental Health

Scientific Review Committee Member: Special Emphasis Panel, Expanding Prevention Strategies for Mental Disorders in Mobile Populations in Humanitarian Crises, March 2023

#### **Columbia University Mailman School of Public Health**

Committee Membership

Admissions Committee, 2022-present DrPH Methods Exam Committee HDPFH, created and evaluated questions for qualifying exam, 2015-2016 Curriculum Renewal Student Committee, Doctoral Student Representative, 2010-2012 Doctoral Steering Committee, Doctoral Student Representative, 2012-2015 Assistant Dean of Student Affairs Search Committee, Doctoral Student Representative, 2012-2013 Social Determinants of Health Certificate MPH Journal Club, Founder and Doctoral Student Leader, 2012-2015

Summer Internship and Practicum Director, Global Mental Health Program, recruit, evaluate, hire, manage undergraduate and graduate student placements in Geneva, Switzerland, Brazil, Chile, Ethiopia, India, Kenya, Lebanon, New York, Nigeria, South Africa, Uganda, and United Kingdom, 2016-2017 (18 students), 2017-2018 (16 students), 2018-2019 (20 students)

University Seminar 757: Global Mental Health, co-chair, 2016-2019

#### University of Michigan

Undergraduate Research Opportunity Program (UROP) Mentor undergraduate researcher assistants 2021 (2 students), 2020 (1 student), 2019 (2 students)

#### PROFESSIONAL ORGANZIATIONS AND SOCIETIES

#### **Memberships and Positions**

International Board Membership

Founding President of Board of Directors, Roots of Health, July 2009 – present Provide overall guidance on vision, purpose, and implementation of monitoring and evaluation plan for reproductive health non-profit organization, oversee student recruitment and management for field placements, New York and Philippines

Founding Member, Chair of Research and Evaluation Thematic Group Olympic Refuge Foundation (ORF) Think Tank, International Olympic Committee, June 2020 – present

The ORF Think Tank is dedicated to analysing and strengthening the role that sport could have in humanitarian settings. It identifies unaddressed needs and knowledge gaps with the aim to inform research activities to strengthen the evidence based of the work of the ORF.

National Society Membership American Public Health Association (2014-2016) Society of Epidemiologic Research, (2012-), Awards Committee (2017-2019)

International Society Membership

Alliance for Child Protection in Humanitarian Action (2019-) Global Health Council (2014-2016) International Epidemiological Association, (2015-) North American Early Career Representative (2016-2019) International Society for Global Health (2020-) International Society for the Study of Trauma and Dissociation (2015; 2021-) International Society for Traumatic Stress Studies (2015-2017) International Union against Tuberculosis and Lung Disease (2012-2014)

# National and International Meetings

**INSPIRE** Annual Meetings, 2022-

Alliance for Child Protection in Humanitarian Action, 2019, 2020

American Public Health Association, 2015

Anxiety and Depression Association of America, 2016

Global Health and Innovation Conference, Unite for Sight, 2009

International Society for Traumatic Stress Studies Meeting, 2015

International Epidemiologic Association, 2019

New York City Epidemiology Forum, 2015

Science of Dissemination and Implementation in Health, 2015

Society for Epidemiologic Research, 2012-2018; 2021

Union World Conference on Lung Health, 2014

World Association of Cultural Psychiatry Congress, 2015

World Congress on Intergenerational Trauma, 2021

World Health Organization (WHO) Mental Health Gap Action Programme (mhGAP) Meeting, 2015, 2019

# Consultative

### National Consultation

Technical Research Consultant, Clinton Health Access Initiative, Inc. (CHAI), Aug 2015-Aug 2018

Evaluation of the Impact of Family Clinic Days on Pediatric and Adolescent Retention and Adherence to ART, Uganda; Determining the Impact of ART Pharmacy Supply Services Interventions on the Provision of 3
Month Refills for Stable Patients: A cluster - randomized difference-in-difference study, Zambia; Measuring the impacts of health facility reinforcement and early infant diagnostics (EID) and immunization (EPI) service integration on HIV testing and immunization services in Southern Province, Zambia; A quasi - experimental evaluation of the use of the Community Adolescent Treatment Supporters (CATS) model to improve adolescent HIV testing in Zimbabwe

# International Consultation

Senior Level Expert Consultant, WHO's Special Initiative for Mental Health: Mid-term reflections and learnings (PI: A Ager), September 2022-February 2023

- Lead data collection, collation and analysis for literature review in implementation countries
- Lead interview process, including developing protocol, training interviewers, and conducting senior interviews
- Co-lead data analysis, final report (written and power point)

Senior Research Consultant, Journey of Life Psychosocial Support Intervention for Conflict-Affected Populations in Uganda (PI: P Onyango Mangen), August 2020-March 2022

- Provide senior leadership, managerial oversight, technical consultation, on study design, data collection, analysis, and findings dissemination
- Collaborate with partner USAID-funded Health Evaluation and Applied research Development (HEARD) Project collaborators such as TPO Uganda

Principal Investigator, Fragile Systems within a Fragile Geopolitical Context: Exploring School Performance and Health in Lebanon; Lebanon AHEAD (MPI: **S Hermosilla**, K Pike, B Khoury), Nov 2019-June 2021

20-month study exploring role of school attendance on childhood health outcomes

Program Evaluation Analytic Specialist, Columbia Group for Children in Adversity India, July-Aug 2017
Developed and conducted quantitative data analysis (n=600) and drafted report documents

Program Evaluation Specialist, World Vision Cambodia Child Protection Most Vulnerable Child, Mar-Apr 2017

• Conducted quantitative data analysis (n=864) and drafted report documents

Academic Dissemination Consultant, Child Friendly Spaces Inter-Agency Learning Event, funded by World Vision International, Kathmandu, Nepal, Oct 2016-Dec 2017

• Designed, developed, and delivered inter-agency dissemination workshop sharing findings from Child Friendly Spaces Nepal research project with 40 technical NGO and government partners

Data Analyst and Manuscript Developer for Uganda data collection of Child Protection Index Study, funded by United Nations High Commissioner for Refugees (UNHCR) and Child Protection in Crisis (CPC) Learning Network, Aug 2016-Feb 2017

• Reviewed baseline findings and report, conducted data analysis of quantitative survey data (n=1,280)

Interim Principal Investigator, Data Analyst and Manuscript Developer for Rwanda data collection of Child Protection Index Study, funded by UNHCR and CPC Learning Network, Oct 2015-May 2016

- Managed communications with field coordinator and co–Investigator, financial oversight with donors
- Conducted data analysis of quantitative survey data (n=500)
- Developed qualitative instruments, protocol, logistics, and conducted data analysis of qualitative key informant interviews (n=17)

Technical Research Consultant, SavE Project, Department of Epidemiology, Columbia University Zambia, May-June 2013

- Provided technical survey design, implementation, and management support, including data quality controls
- Supervised field-data collection team

Toolkit Consultant, Youth and Sustainable Livelihoods: Linking Vocational Training Programs to Market Opportunities in Northern Uganda, Feb 2008

Reviewed and editing quantitative survey

### **Editorial Activities**

National journal review

American Journal of Epidemiology, Biomedical Journals, Community Mental Health Journal, JAMA Network Open, Medical Care, PLoS One

International journal review

BMC Psychiatry, Global Public Health, Journal of Global Health,

### National conference abstract review

Society for Epidemiologic Research, American Public Health Association

Book review

Psychiatry and Neuroscience, Oxford University Press: reviewed "Mental Health System Development in Aceh, Indonesia"

# FELLOWSHIP AND GRANT SUPPORT

### **Present Support**

Organizational-level trauma-informed care: How to measure and what to deliver in an effective curriculum (PI: **S Hermosilla**)

Role on project: Principal Investigator (25% effort/year) Dates: February 2023 – January 2024 Funder: Sanctuary Institute / Andrus, \$200,000 Objective: To review organizational-level program indicators, design evaluation, review and provide guidance on curriculum update

Data Archiving and Dissemination for Comparative Population Science (PI: **S Hermosilla**) Role on project: Principal Investigator (15% effort/year) Dates: September 2022 – August 2024 Funder: National Institute of Child Health and Human Development (NICHD), R03 (score: 1<sup>st</sup> percentile) Objective: Transform access to a complex NICHD-funded data source with foci on improving data use and dissemination

Funding for Faculty Recruitments from Underrepresented Groups
Role on project: Recipient (50% effort/year)
Dates: September 2022 – August 2025
Funder: Columbia University Irving Medical Center
Objective: To advance recruitment of outstanding minority and female scholars in disciplines where their ability exceeds their representation on the faculty.

A New Population-scale Approach for the Study of Psychological Stress in the Transition to Adulthood (PI: W Axinn) Role on project: Co-Investigator (16% effort/year) Dates: October 2021 – September 2023 Funder: National Institute of Child Health and Human Development (NICHD) R21HD104993 (score: 3<sup>rd</sup> percentile) Objective: Devise, test, refine, and share a new approach for population-scale collection of hair-based cortisol during the transition to adulthood.

### **Past Support**

Understanding the Connections among Genes, Environment, Family Processes, and Mental Health (PI: W Axinn, J Smoller) Role on project: Co-Principal Investigator (administrative supplement, 100% effort/year)

Dates: August 2019 – August 2022

Funder: National Institute of Mental Health (NIMH) R01MH110872

Objective: Explore links between parental international migration and youth onset of mental disorders

Journey of Life Psychosocial Support Intervention for Conflict-Affected Populations in Uganda (PI: P Onyango Mangen) Role on project: Senior Research Advisor (20% effort/year) Dates: June 2020 – March 2022

Funder: USAID (AID OAA A17 00002), Health Evaluation and Applied Research Development Project (HEARD) Objective: Evaluate the effectiveness and implementation of the Journey of Life intervention in a humanitarian setting (Kiryandongo refugee settlement), a novel program location.

MPlus for Latent Class Analyses of Potentially Traumatic Events (PI: **S Hermosilla**) Role on project: Principal Investigator (no salary support requested) Dates: April 2021 Funder: Population Dynamics and Health Program Mini Grant for Computing and Secure Data Analysis, funded by National Institute of Child Health and Human Development (NICHD) Center Grant P2CHD041028, University of Michigan

Objective: To purchase statistical software to run latent class analyses on experiences of potentially traumatic events

Fragile Systems within a Fragile Geopolitical Context: Exploring School Performance and Health in Lebanon; Lebanon AHEAD (MPI: **S Hermosilla**, K Pike, B Khoury) Role on project: Principal Investigator (10% effort/year) Dates: November 2019 – June 2021 Funder: National Institute for Health Research (NIHR) Objective: Explore the relationship between education and health among school-aged children within Lebanon

Impact of COVID-19-related disruptions on child and adolescent health in Nepal (PI: **S Hermosilla**) Role on project: Principal Investigator (no salary support requested) Dates: August 2020 – July 2021 Funder: Population Dynamics and Health Program Pilot Project Seed Grant, funded by National Institute of Child Health and Human Development (NICHD) Center Grant P2CHD041028, University of Michigan Objective: To collect data on the population dynamics of the COVID-19 pandemic – specifically the impact of population movement restrictions on child and adolescent health and family formation processes.

Global Mental Health Program, Postdoctoral Research Scientist Role on project: Principal Investigator (20% effort/year) Dates: July 2017 – July 2019 Funder: Global Fund for Mental Health Objective: Support ongoing analyses from Child Friendly Spaces and academic faculty grant development

Global Mental Health Research Fellowship: Interventions That Make a Difference (PI: M Wainberg) Role on project: Postdoctoral Research Fellow (100% effort/year) Dates: July 2015 – June 2016 Funder: National Institute of Mental Health (NIMH) T32MH096724 Objective: Evaluate psychosocial interventions in humanitarian settings (Child Friendly Spaces)

Global Research and Public Health (GRAPH) (PI: S Galea) Role on project: Research Analyst (20-80% effort/year) Dates: September 2013 – June 2015 Funder: Rockefeller Foundation

Evaluation of Child Friendly Spaces in Emergencies (PI: A Ager) Role on project: Research Analyst (10-20% effort/year) Dates: June 2012 – June 2015 Funder: Research for Health in Humanitarian Crises (R2HC) Objective: To evaluate and build the evidence base for most-common child/adolescent intervention in humanitarian settings

Teagle Foundation Teaching Fellowship Role on project: Teaching Fellow (10% effort / year) Dates: August 2014 – May 2015 Funder: Teagle Family Foundation Objective: To support academic instruction and development

Influences of Women's Empowerment on Marriage and Violence in Bangladesh (PI: S Schuler) Role on project: Research Analyst, (20-40% effort/year) Dates: August 2010 – December 2014 Funder: Eunice Kennedy Shriver National Institute of Child Health & Human Development (NICHD) R01HD06163008 Objective: The objective of this study is to clarify the individual- and community-level mechanisms by which a woman's empowerment is associated with her risk of experiencing intimate partner violence (IPV) in rural Bangladesh. Sabrina Hermosilla, Curriculum Vitae 7 of 17 Mapping of Eco-social, Environmental, and Genetic Factors Determining Susceptibility to Tuberculosis (TB) in the Republic of Kazakhstan (PI: N El-Bassel) Role on project: Research Analyst (20-40% effort/year) Dates: August 2011 – November 2014 Funder: Government of Kazakhstan Objective: To document and map the social, environmental, and genetic determinants of TB in Kazakhstan

Improving Maternal and Newborn Health using the HIV/AIDS Program Platform in Tanzania (PI: M Kruk) Role on project: Research Analyst (20-80% effort/year) Dates: May 2012 – December 2013 Funder: National Institute of Allergy and Infectious Diseases, R01AI093182 Objective: This study will test whether the HIV program strategy can be used to improve the quality of care of maternal and newborn health in dispensaries in the Pwani Region, Tanzania.

Initiative to Maximize Student Diversity at Columbia University Mailman School of Public Health (PI: A Abraído-Lanza) Role on project: Doctoral Student Trainee (50% effort/year) Dates: August 2010 – August 2013 Funder: National Institute of General Medical Sciences, 2R25GM62454 Objective: To increase diversity in academia.

Identifying Barriers to Accessing and Adhering to HIV/AIDS Care and Treatment Programs among the Batey Population in La Romana, Dominican Republic (PI: S Nicholas) Role on project: Assistant Director (20% effort/year) Dates: May 2009 – December 2011 Funder: International Family AIDS Program (IFAP) and United States Agency for International Development (USAID)

# **Pending Resubmission**

Impacts of Family Relationship Quality and Parental Separation on Child Outcomes (MPI: **S Hermosilla**, E Jennings) Role on project: Multiple Principal Investigator (~30% effort/year) Resubmission target: July 2023 Funder: National Institute of Child Health and Human Development, R01 Objective: Explore the impact of parental marital quality on children's outcomes

Family and community effects on children's health and development (PI: Treleaven)
Role on project: Co-Investigator (~14% effort/year)
Funder: National Institute of Child Health and Human Development (NICHD), R01
Objective: Document children's health and development outcomes, after temporary parental migration, in Nepal

Influence of Parental Absence on Child Health (PI: **S Hermosilla**) Role on project: Principal Investigator (40% effort/year) Funder: National Institute of Child Health and Human Development (NICHD), R01 Objective: Multi-level intergenerational study of the relationship between parental absence (from death, marital dissolution, and migration) and their children's subsequent educational and health outcomes

Understanding the Connections among Genes, Environment, Family Processes, and Mental Health (PI: W Axinn, J Smoller) Role on project: Co. Investigator (15, 20% affort/year)

Role on project: Co-Investigator (15-20% effort/year) Funder: National Institute of Mental Health (NIMH), R01

Objective: Explore links between parental international labor migration and youth onset of mental disorders

### **Direct Teaching**

Columbia University Mailman School of Public Health

Role: Course instructor

POPF P8601: Public Health Program Planning, 2023 (91 students); 50 contact hours

Role: Course instructor

POPF P8637: Qualitative Data Analysis, 2015 (26 students); 42 contact hours

Role: Senior seminar leader

• EPID P6400: Principles of Epidemiology, 2013, 2014

Role: Seminar leader

• EPID P6400: *Principles of Epidemiology*, 2011, 2012

Role: Teaching assistant

- PUBH C3100: Fundamentals of Global Health (Alastair Ager, Marni Sommer, Anne Paxton), 2010-2015
- EPID P8417: Select Problems in Measurement (Lawrence Yang), 2013
- MSPH Core: Social, Behavioral, and Structural Determinants Studio Globalization and Global Health Module, 2012
- EPID P8438: Design and Conduct of Observational Epidemiology (Sharon Schwartz), 2012
- Social Inequalities Master Student Journal Club, 2013, 2014

Role: Guest lecturer

- EPID P6813: *Priorities in Global Mental Health: Global Epidemiology and Impact of Mental Illness* (Kathy Pike, Tahilia Rebello), 2017-2019
- POPF: Using PowerPoint to Make Posters (Cassie Landers), 2013-2015
- EPID P6400: Principles of Epidemiology: Confounding (Silvia Martins), 2014
- PUBH C3100: Fundamentals of Global Health: PTSD in Haiti; Global Mental Health (Alastair Ager, Marni Sommer), 2014-2015

Role: Course instructor

• EPIC Summer Institute: *Survey Design and Data Collection*, 2019 (10 students), 2018 (13 students), 2017 (8 students), 2016 (14 students), 2015 (13 students), 2014 (10 students); 25 contact hours per year

Icahn School of Medicine at Mt. Sinai

Role: Guest lecture

- Global Women's Health: Adolescent Mental Health in Humanitarian Settings, 2019, 2020
- *Mt. Sinai Global Health Training Program: Survey Design*, 2013-2020

New York University College of Global Health

Role: Guest lecturer

- GPH-GU 2240: *Perspectives in Global Mental Health (graduate): Adolescent Mental Health* (Emily Goldmann, Course Director), 2020
- GPH-GU 2240: *Perspectives in Global Mental Health (graduate): Disasters, Violence, and Mental Health* (Emily Goldmann, Course Director), 2014, 2015
- Social Epidemiology: The Social Epidemiology of Global Mental Health (Eric Roberts, Course Director), 2016

# **Individual Advising and Mentorship**

Columbia University Mailman School of Public Health

Master's student advisor (including thesis / capstone / integrated learning experience)

- Ray Guerrero, MPH, to be awarded May 2024, Columbia University Mailman School of Public Health
- Madeline McNee, MPH, to be awarded May 2024, Columbia University Mailman School of Public Health
- Okereke Chukwuma, MPH, to be awarded May 2024, Columbia University Mailman School of Public Health
- Tajay Coote, MPH, to be awarded May 2024, Columbia University Mailman School of Public Health
- Emily Heard, MPH, to be awarded May 2024, Columbia University Mailman School of Public Health
- Amani Altell, MPH, to be awarded May 2023, Columbia University Mailman School of Public Health
- Brittany Markarian, MPH, to be awarded May 2023, Columbia University Mailman School of Public Health
- Philip Vasquez, MPH, to be awarded May 2023, Columbia University Mailman School of Public Health
- Sarah Forthal, MPH awarded May 2019, Columbia University Mailman School of Public Health Thesis title: The role of hope in predicting post-traumatic stress after the Nepali earthquake (second reader); Won Department of Epidemiology award and accepted at national epidemiologic conference (SER)
- Saba Chowdhury, MPH awarded October 2017, Columbia University Mailman School of Public Health Thesis title: Understanding posttraumatic stress after the Nepali earthquake (second reader)
- Suvu Aryal, MPH awarded May 2016, Columbia University Mailman School of Public Health, HDPFH Thesis title: Child Posttraumatic Stress Disorder in Nepal post-earthquake 2015 (second reader)
- Raissa Chua, MPH awarded May 2016, Columbia University Mailman School of Public Health, HDPFH Thesis title: Evaluating the association of positive coping mechanisms and the psychosocial wellbeing of Syrian child refugees in Nabatieh, Lebanon (second reader)
- Paul You, MPH awarded May 2015, Columbia University Mailman School of Public Health Thesis title: Identifying risk factors associated with smear positivity of pulmonary tuberculosis in Kazakhstan. (second reader); won Department of Epidemiology award and accepted at national epidemiologic conference (SER) and resulted in publication (Hermosilla et al. 2017)

Master's student practica supervisor

- Simian (Esther) Huang, MPH awarded May 2020, Columbia University Mailman School of Public Health Placement: We're Here, Psychosocial response to COVID-19 stay-at-home orders, 2020-2021
- Anya Peck, MPH awarded May 2020, Columbia University Mailman School of Public Health Placement: Chile, won Best Poster at Columbia Global Health Practicum Poster Session
- Lauren Parks, MPH awarded May 2017, Columbia University Mailman School of Public Health, HDPFH Placement: Uganda
- Eliana Rieders, MPH awarded May 2017, Columbia University Mailman School of Public Health, HDPFH Placement: Uganda
- Megha Kilaru, MPH awarded May 2016, Columbia University Mailman School of Public Health, HDPFH Placement: New York
- Elizabeth Wartella, MPH awarded May 2016, Columbia University Mailman School of Public Health, HDPFH; Placement: New York
- Kawthar Muhammad, MPH awarded May 2016, Columbia University Mailman School of Public Health, HDPFH; Placement: Philippines
- Caitlin Warthin, MPH awarded May 2016, Columbia University Mailman School of Public Health Placement: Philippines

Undergraduate intern supervisor

- Manya Balachander, Global Mental Health Program (GMHP) 2020-, co-author on Hermosilla et al. 2022
- Kristina Jacobson, GMHP 2020
- Sophie Khomtchenko, GMHP 2020
- Vanisa (Nita) Senesathith, GMHP 2020
- Karolina Sadowska, GMHP 2019-, co-author on Forthal et al 2021 and Hermosilla et al. 2022
- Madeline Van Husen, GMHP 2019-, co-author on Hermosilla et al. 2020
- Danielle Wolk, GMHP 2019, co-author on manuscript in preparation
- Morgan Silverman, GMHP 2018-2019
- Matthew Tikhonovsky, GMHP 2019

- Sasha Mochida, GMHP 2019
- Meredith Lostaglio, GMHP 2018
- Ashley Reed, GMHP 2018
- Natalie Tikhonovsky, GMHP 2018
- Uma Guarnaccia, GMHP 2017
- Talia Hoffman, GMHP 2017

Washington University in St. Louis

Doctoral committee membership

• Flora Cohen, to be awarded May 2023

Master's thesis advisor

Jada Loro, MPH, awarded May 2022, Washington University in St. Louis

University of Michigan

Master's thesis advisor

 Taylor Marks, MPH, awarded May 2021, University of Michigan Thesis title: Potentially traumatic event class membership among adolescents in Nepal, 2020-2021

Master's student practica supervisor

- Taylor Marks, MPH, to be awarded May 2021, University of Michigan Placement: Child Friendly Spaces & We're Here, Psychosocial response to COVID-19, 2019-2021
- Jasmin Valdez, MPH, to be awarded May 2021, University of Michigan Placement: We're Here, Psychosocial response to COVID-19 stay-at-home orders, 2019-2020

Undergraduate intern supervisor

- Emma Suh, BA, to be awarded May 2024, University of Michigan
   Placement: Undergraduate Research Opportunity Program (UROP), Migration and Health, 2020-2021
- Catherine Huynh, BA, awarded May 2021, University of Michigan Placement: Undergraduate Research Opportunity Program (UROP), Migration and Health, 2019-2020
- Collin Roth, BA, to be awarded May 2023, University of Michigan Placement: Undergraduate Research Opportunity Program (UROP), Migration and Health, 2019-2020

New York University College of Global Health

Master's student practica supervisor

 Taj Adams, MPH, awarded May 2021, New York University Placement: We're Here, Psychosocial response to COVID-19, 2020-2021

# **Educational Administration and Leadership**

Columbia University Mailman School of Public Health

Role: Director and instructor (weekly seminar)

Summer Internship and Practicum for the Global Mental Health Program (undergraduate and graduate), 2017 (2 students), 2018 (18 students), 2019 (17 students), Summer 2020 (2 students); 100 contact hours per year

Role: Committee member

- Doctoral Steering Committee, Department of Epidemiology, Doctoral Student Representative, 2012-2015
- Curriculum Renewal Student Committee, HDPFH Doctoral Student Representative, 2010-2012

New York University College of Global Health

Role: Course instructor

• GPH-GU 2240: *Perspectives in Global Mental Health (graduate)*, 2016 (25 students; 42 contact hours), 2019 (27 students; 42 contact hours)

Bronx Community School for Technology

Role: English as a Second Language (ESL, high school), ESL Coordinator and Instructor

Classroom instructor, 2001-2002 (80 students), 2002-2003 (82 students); 1,050 contact hours per year

# REPORT OF CLINICAL AND PUBLIC HEALTH ACTIVITIES AND INNOVATIONS

### **Practice or Public Health Activities**

We're Here, Psychosocial response to COVID-19 stay-at-home orders, Director, March 2020-October 2020

- Created and directed remote, multi-institutional (Columbia University, University of Michigan, New York University, Community League of the Heights, CLOTH), individual and group psychosocial support program for individuals affected by COVID-19 stay-at-home orders
- Program run by over thirty volunteer student (MPH, MSW) staff, conducted over 340 individual and group sessions, to 77 participants

COVID-19 epidemiology peer education, safety protocol development and implementation:

- Roosevelt Island Day Nursery, 300-400 contact hours, March 2020-2023
- Riverwalk Place, 100 contact hours, March 2020-2023

### PUBLICATIONS

### **Peer-Reviewed Journal Articles**

Published or accepted for publication \**student co-author* 

- Armijos, A., Bonz, A., Brown, F.L., Charlet. D., Cohen, F.\*, Greene, M.C., Hermosilla, S., James, L.E., Le Roch, K. Ensuring equity in mental health and psychosocial support during the COVID-19 pandemic and beyond. *Conflict and Health.* 17(1), 1-9.
- Meinhart, M., Mangen, P. O., Hermosilla, S., Cohen, F.\*, Agaba, G. S., Kajungu, R., Knox, J., Obalim, G., Stark, L. (2023). Refugee caregivers: Associations between psychosocial wellbeing and parenting in Uganda. *Stress and Health*.
- 3. **Hermosilla, S.**, Forthal, S.\*, Sadowska, K.\*, Magill, E.\*, Watson, P., Pike, K. (2022). We Need to Build the Evidence: A Systematic Review of Psychological First Aid. *Journal of Traumatic Stress*, 1-12.
- 4. **Hermosilla, S.**, Choi., K.W., Askari, M.\*, Marks, T\*, Denckla, C., Axinn, W., Smoller, J.W., Ghimire, D., Benjet, C. (2022). What can we learn about polytrauma typologies by comparing population-representative to traumaexposed samples: a Nepali example. *Journal of Affective Disorders, 314*, 201-210.
- Axinn, W., Choi, K., Ghimire, D., Cole, F., Hermosilla, S., Benjet, C., Morgenstern, M., Lee, Y., Smoller, J. (2022). Community-level social support infrastructure to reduce the adult onset of major depressive disorder: Social capital and social cohesion. *JAMAPsychiatry*, 79(3), 243-249.
- Askari, M<sup>\*</sup>., Treleaven, E., Ghimire, D., Axinn, W., Hermosilla, S. (2021) COVID-19 worries, concerns, and mitigation behaviours: A snapshot of Nepal during the first wave. *Tropical Medicine & International Health*, 27(2), 165-173.
- 7. Forthal, S.\*, Sadowska, K.\*, Pike, K., Balachander, M.\*, Jacobsson, K.\*, **Hermosilla, S**. (2021). Mental Health First Aid: A Systematic Review of Trainee Behavior and Recipient Mental Health Outcomes. *Psychiatric Services*, appi-ps.
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- 24. **Hermosilla, S.**, El Bassel, N., Aifah, A., Terlikbayeva, A., Zhumadilov, Z., Berikhanova, K., Darisheva, M., Gilbert, L., Schluger, N., Galea, S. (2015). Tuberculosis report among injection drug users and their partners in Kazakhstan. *Public health*, *129*(5), 569 575. PMID: 25795015.
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- 29. Ager, A., Yu, G., **Hermosilla, S.** (2012). Mapping the key issues shaping the landscape of global public health. *Global public health*, 7(sup1), S16 S28. PMID: 22765282.
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# **Book Chapters**

- 1. **Hermosilla, S.,** Treleaven, E., Ghimire, D. (2022). Nepal. *Migration and Health*, Ed. Galea, S., Ettman, C., Zaman, M. University of Chicago Press, Chicago, IL, 2022. 297-306
- 1. **Hermosilla, S.,** Metzler, J. (2022). Forced Migration. *Migration and Health*, Ed. Galea, S., Ettman, C., Zaman, M. University of Chicago Press, Chicago, IL, 2022. 129-138.
- 2. **Hermosilla, S.,** Rebello, T.J. (2019). Migration. *Urban Health*, Ed. Galea, S., Vlahov, D. Oxford University Press, Boston.
- 3. **Hermosilla, S.,** Galea, S. (2014). Implications of disasters for global mental health. *Essentials of Global Mental Health*, Ed. Okpaku, S. Cambridge, UK: Cambridge University Press, 316.

# **Reports (and Consortia Papers)**

- 1. World Health Organization (2023) WHO Special Initiative for Mental Health: Mid-Term Learnings. Department of Mental Health and Substance Use, World Health Organization: Geneva.
- 2. Olympic Refuge Foundation Think Tank. Realising the cross-cutting potential of sport in situations of forced displacement. *BMJ Global Health*, 7(4), e008717.
- 3. The Alliance for Child Protection in Humanitarian Action (2021). From Theory to Practice: Towards a Framework for Primary Prevention in Child Protection in Humanitarian Action.
- Cohen, F.\*, Agaba, G., Mangen, P., Kajungu, R., Obalim, G., Hermosilla, S., Stark, L., Knox, J. (2020) Journey of life psychosocial support interventions for conflict-affected populations in Uganda. *Technical Report*. Published by Health, Evaluation and Applied Research Development. Bethesda, MD: University Research Co., LLC (URC).
- 5. Meyer, S., **Hermosilla, S.,** Stark, S. (2018). Measuring Impact Through a Child Protection Index: Time 1 & Time 2 Studies, Kiryandongo and Adjumani refugee settlements, Uganda.
- 6. Meyer, S., **Hermosilla, S.,** Muhorakeye, L., Stark, S. (2017). Measuring Impact Through a Child Protection Index: Final Report: Time 1 & Time 2 Studies, Kiziba Camp, Rwanda.
- 7. Metzler, J., **Hermosilla, S.,** & Ager, A. (2016). Longer-term mental health, developmental and systems impacts of Child Friendly Space Interventions in humanitarian emergencies *Summary Technical Report Draft 3 October 2016*. New York, NY: World Vision International & Columbia University Mailman School of Public Health.
- 8. El Sayed, A., **Hermosilla, S.**, Kilaru, M.<sup>\*</sup>, Wartella, E.<sup>\*</sup>, Galea, S. (2015). Universal Primary Prevention Imperative: The evidence for Primary Prevention worldwide. www.mailman.columbia.edu/sites/default/files/legacy/ graph 1 evidence report.pdf
- Metzler, J., Ishaq, M., Hermosilla, S., Mumba, E., Ager, A. (2015). Technical Report: Evaluation of Child Friendly Spaces: Jordan Field Study Report - A CFS Implemented by World Vision and partners in Zarqa, Jordan. http://www.cpcnetwork.org/wp - content/ uploads/2015/04/Jordan-WV-CFS-Evaluation-Field-Study-Report.pdf

# Selected Presentations (first-author only)

# Regional/National

Hermosilla, S. Research Partnership: An Exploration of the Sanctuary Model. *Network Days 2023 Conference, White Plains, New York.* April 2023.

**Hermosilla, S.** Exploring the Importance of Stigma in Interventions among Children and Adolescents in Populations Affected by Displacement. *Global Mental Health Symposium, Global Mental Health & Stigma Program, New York University School of Global Public Health.* March 2023, virtual.

Hermosilla, S. CVFS COVID-19 2021 Pilot: A snapshot of Nepal during their first wave. Webinar presentation, *Chitwan Valley Family Study Webinar Series*. January 2022, virtual.

**Hermosilla, S.**, Askari, M.S.\*, Marks, T.\* Predictors of any mental health disorder and major depressive disorder among adolescents and young adults in the Nepal Chitwan Valley Family Study, 2016-2018. Conference poster presentation, NIDA, *NIAAA, NIMH Diversity Supplement Professional Development Workshop*. August 2021, virtual.

**Hermosilla, S.**, Choi, K., Askari, M.S.\*, Marks, T.\* Polytrauma typologies: exploring general population and traumaexposed population profiles. Conference poster presentation, *Society for Epidemiologic Research (SER) 2021 Annual Conference*. June 2021, virtual.

**Hermosilla, S.**, Askari, M.S.\*, Marks, T.\* Predictors of any mental health disorder and major depressive disorder among adolescents and young adults in the Nepal Chitwan Valley Family Study, 2016-2018. Conference poster presentation, *Society for Epidemiologic Research (SER) 2021 Annual Conference*. June 2021, virtual.

Hermosilla, S. Mental health and resilience building in children during and after complex emergencies. *Children in Catastrophes, Columbia University*. April 2019, New York, NY.

**Hermosilla, S.,** Ager, A., Metzler, J. Persistent Posttraumatic Stress Disorder Symptom Factor Expression Heterogeneity among Children and Adolescent Survivors of the Nepali Earthquake, a Multi-Dimensional Longitudinal Analysis. Conference poster presentation, *Society for Epidemiologic Research (SER) 2017 Annual Conference*. June 2017, Seattle, WA.

**Hermosilla, S.** Poll Everywhere, Using Technology to Real - time Assess and Improve In - class Learning. Symposium poster presentation, *Celebration of Teaching and Learning Symposium, Columbia University*. March 2017, New York, NY.

**Hermosilla, S.** Exploring Geospatial Factors Related to Mental Health Outcomes in Complex Emergency Settings: A Spatial Epidemiology Grant Proposal Discussion. Seminar presentation, *Global Mental Health Seminar, Columbia University*. November 2016, New York, NY

**Hermosilla, S.,** Ager, A. Child Friendly Spaces in Humanitarian Settings: Applying Epidemiological Methods to Implementation Science Research in Complex Emergency Settings. Seminar presentation, *Psychiatric Epidemiology Training Program, Department of Epidemiology, Columbia University.* June 2016, New York, NY.

**Hermosilla, S.,** Ager, A., Metzler, J. Psychosocial Benefit of Humanitarian Response: Ethiopia, Iraq, Jordan, and Uganda. Conference poster presentation, *Society for Epidemiologic Research (SER) 2016 Annual Conference*. June 2016, Miami, FL.

**Hermosilla, S.,** Ager, A., Metzler, J. Psychosocial Benefit of Humanitarian Response: Ethiopia, Iraq, Jordan, and Uganda. Conference poster presentation, *Anxiety and Depression Association of America 2016 Annual Conference*. April 2016, Philadelphia, PA.

**Hermosilla, S.**, Link, B., Desvarieux, M., Ager, A., Cerdá, M., Galea, S. Is the PTSD Factor Model Stable when Challenged by Major Depressive Disorder Items? Conference poster presentation, *Anxiety and Depression Association of America 2016 Annual Conference*. April 2016, Philadelphia, PA.

**Hermosilla, S.,** Kujawski, S., Richards, C., Galea, S., El-Sayed, A. An ounce of prevention: Deaths averted from implementing evidence-based primary prevention interventions in the United States in 2010. Conference poster presentation, *Conference on the Science of Dissemination and Implementation in Health*. December 2015, Washington, DC.

**Hermosilla, S.,** Kujawski, S., Richards, C., Galea, S., El-Sayed, A. An Ounce of Prevention: Deaths Averted from Implementing Evidence - based Primary Prevention in the United States in 2010. Conference presentation, *American Public Health Association (APHA) Meeting*. November 2015, Chicago, IL.

**Hermosilla, S.**, Sampson, L., Link, B., Desvarieux, M., Ager, A., Cerdá, M., Galea, S. Lacking empirical evidence for a universal posttraumatic stress disorder factor structure, a systematic review. Conference poster presentation, *Annual International Society for Traumatic Stress Studies Meeting*. November 2015, New Orleans, LA.

**Hermosilla, S.**, Link, B., Desvarieux, M., Ager, A., Cerdá, M., Galea, S. Posttraumatic stress disorder symptom factor expression heterogeneity among Haitian earthquake survivors. Conference poster presentation, *Annual International Society for Traumatic Stress Studies Meeting*. November 2015, New Orleans, LA.

**Hermosilla, S.**, Sampson, L., Link, B., Desvarieux, M., Ager, A., Cerdá, M., Galea, S. Lacking empirical evidence for a universal posttraumatic stress disorder factor structure, a systematic review. Conference poster presentation, *Annual American Public Health Association (APHA) Meeting*. November 2015, Chicago, IL.

**Hermosilla, S.**, Link, B., Desvarieux, M., Ager, A., Cerdá, M., Galea, S. Posttraumatic stress disorder factor structure among survivors of the 2010 Haitian Earthquake: Adjudicating heterogeneous post - disaster PTSD dimensionality. Conference poster presentation, *Annual American Public Health Association (APHA) Meeting*. November 2015, Chicago, IL.

**Hermosilla, S.**, Link, B., Desvarieux, M., Ager, A., Cerdá, M., Galea, S. Posttraumatic stress disorder symptom factor expression heterogeneity among Haitian earthquake survivors. Conference presentation, *Society of Epidemiologic Research (SER) Meeting*. June 2015, Denver, Colorado.

**Hermosilla, S.**, Link, B., Desvarieux, M., Ager, A., Cerdá, M., Galea, S. Posttraumatic stress disorder factor structure among survivors of the 2010 Haitian Earthquake: Adjudicating heterogeneous post-disaster PTSD dimensionality. Conference poster presentation, *Annual Society of Epidemiologic Research (SER) Meeting*. June 2015, Denver, CO.

**Hermosilla, S.**, Sampson, L., Link, B., Desvarieux, M., Ager, A., Cerdá, M., Galea, S. Lacking empirical evidence for a universal posttraumatic stress disorder factor structure, a systematic review. Conference poster presentation, *Annual Society of Epidemiologic Research (SER) Meeting*. June 2015, Denver, CO.

**Hermosilla, S.**, Link, B., Desvarieux, M., Ager, A., Cerdá, M., Galea, S. Exploring PTSD construct validity - testing the PTSD factor model stability among 1,169 earthquake survivors. Conference poster presentation, *Annual Society of Epidemiologic Research (SER) Meeting*. June 2015, Denver, CO.

**Hermosilla, S.,** Kujawski, S., Richards, C., Galea, S., El-Sayed, A. An Ounce of Prevention: Deaths Averted from Implementing Evidence-based Primary Prevention in the United States in 2010. Conference poster presentation, *Annual Society of Epidemiologic Research (SER) Meeting*. June 2015, Denver, CO.

**Hermosilla, S.,** Kujawski, S., Richards, C., Galea, S., El-Sayed, A. An ounce of prevention: Deaths averted from implementing evidence-based primary prevention in the United States in 2010. Conference poster presentation, *Annual New York City Epidemiology Forum.* February 2015, New York, NY.

**Hermosilla, S.,** Kruk, M.E., Larson, E., Mbaruku, G.M. Bypassing primary clinics for childbirth in rural Tanzania: a census of 3,019 deliveries. Conference poster presentation, *Annual Society of Epidemiologic Research (SER) Meeting*. June 2013, Boston, MA.

**Hermosilla, S.,** Terlikbayeva, A., Abildayev, T., Muminov, T., Akiyanova, F., Zhumadilov, Z., Galea, S., Schluger, N., Bartkowiak, L., Yegeubayeva, S., El - Bassel, N. The epidemiologic profile of pulmonary tuberculosis in Kazakhstan, 2006 - 2010. Conference poster presentation, *Annual Society of Epidemiologic Research (SER) Meeting*. June 2012, Minneapolis, MN.

**Hermosilla, S.,** Nicholas, S. HIV Prevention and Detection Pilot Project in the Sugarcane Plantation Bateyes of the Dominican Republic. Conference presentation, *Global Health and Innovation, funded by Unite for Sight and Yale University*. April 2009, New Haven, CT.

### International

Hermosilla, S., Metzler, J., Ager, A. Friendly Spaces Impact across Five Humanitarian Settings: A Meta-analysis. Hot off the Press, *Child Protection in Humanitarian Action Annual Meeting*. October 2019, Geneva, Switzerland.

**Hermosilla, S.,** Metzler, J., Ager, A. Overview of Evaluating Child Friendly Spaces in Emergencies: Global Research and Learning Project; Adapting Measures and Developing Tools; Overview of CFS Research Design: Lessons Learned from Nepal; Overview of CFS Research Findings: Nepal Part I and Part II. Workshop presentation, *Child Friendly Spaces Research Project: Inter - Agency Learning Event.* November 2016, Kathmandu, Nepal.

**Hermosilla, S.**, Link, B., Desvarieux, M., Ager, A., Cerdá, M., Galea, S. Posttraumatic stress disorder factor structure among survivors of the 2010 Haitian Earthquake: Adjudicating heterogeneous post - disaster PTSD dimensionality. Conference presentation, *World Association of Cultural Psychiatry Congress*. October 2015, Puerto Vallarta, Mexico.

**Hermosilla, S.,** Terlikbayeva, A., Abildayev, T., Muminov, T., Akiyanova, F., Zhumadilov, Z., Galea, S., Schluger, N., Yegeubayeva, S., El - Bassel, N. National Tuberculosis Surveillance System Reporting Check - a Kazakhstan Case Study. Conference presentation, *Union World Conference on Lung Health*. November 2014, Barcelona, Spain.

Invited talks

Hermosilla, S. COVID-19: Llama una epidemióloga; entrevista con Dra. Hermosilla [COVID-19: Call an epidemiologist; interview with Dr. Hermosilla]. Radio La Super Latina FM. April 24, 2021.

**Hermosilla, S.** Implementation Science – Backwards: How to Evaluate and Improve Psychosocial Interventions in Humanitarian Settings. Columbia University Global Mental Health University Seminar, *Columbia University*. October 2019, New York, NY.

**Hermosilla, S.,** Rebello, T.J. Migration and Urban Health. Oral panel presentation, *Urban Health – State of the Science, Boston University and Yale Institute for Global Health.* December 6, 2018, Boston, MA.

**Hermosilla, S.**, Galea, S. Mental Health Causes and Consequences in Acute Emergency Settings. Webinar presentation, *Global Mental Health Webinar, GLOhBAL (Global Learning. Optimizing health. Building Alliances Locally), Cohen Children's Medical Center of New York.* February 2017, New York, NY.

**Hermosilla, S.,** Meyer, S. R., Stark, L. Developing a Child Protection Systems Index in Refugee Settings: Learning from Uganda and Rwanda. Symposium presentation, *Biennial Meetings of the Child Protection in Crisis Learning Network, Mailman School of Public Health, Columbia University.* June 2016, New York, NY.