YEARBOOK

INTERNATIONAL HEALTH GRADUATES 2020

Tuesday, May 19, 2020
Dear International Health Graduates:

This is a special year, and it’s taken a special class to persevere and excel through these tumultuous times. I want to congratulate each of you for going above and beyond normal expectations this year.

During this pandemic, the world is looking to public health researchers and practitioners at the Bloomberg School for leadership, information, and technical assistance. More people now recognize why public health is so important. If anything, I hope this reinforces your decision to pursue advanced studies in public health.

The pandemic also reinforces why we’ve spent so much time emphasizing health equity at the heart of public health. Diseases don’t respect international borders, and we need to understand and be able to use our skills to improve health from local to global levels. People also are realizing how we are all connected around the world, and how everyone’s health is dependent on others. This pandemic should teach us why everyone, including the most vulnerable and marginalized people in our societies, need to be healthy for all of us to be healthy.

I know we all would have loved to celebrate your graduation in person. This is a different year, and we’ll have to find a different time and place. Please know how proud the whole Department is of your accomplishments. Our 2020 graduates hail from 21 countries across five continents. Twenty-two doctoral students successfully defended their dissertations. And 77 master’s degrees were awarded. We are celebrating with you from places across Baltimore and around the world. We also welcome you to the family of Johns Hopkins alumni from the Department of International Health. Remember you are still part of the Hopkins network, which will continue to support you throughout your careers.

I’m hopeful that your education will serve you well—whether in research, practice, or teaching. I’m confident that the skills, tools, scientific approaches and learning habits you developed at Johns Hopkins will help you improve the health and well-being of local communities and peoples around the world.

David Peters, MD, DrPH ’93, MPH ’89
Edgar Berman Chair in International Health
Johns Hopkins Bloomberg School of Public Health
Congratulations New Members of the Delta Omega Honors Society

Jennifer Applegate, PhD
Caroline Carrasco, MSPH
Sarah Elaraby, PhD
Ryanne Fujita-Conrads, MSPH
Poonam Gupta, MSPH
Katherine Merrill, PhD

Prakriti Shrestha, MSPH
Yvonne Y. Xu, MSPH
Alexandre Zapf, MSPH
Alexandra Zimmer, MSPH

Policy and Practice
Yoona Kim, PhD

Johns Hopkins Bloomberg School of Public Health
Global Disease Epidemiology and Control Program

MSPH Capstones

Preetika Debabratha Banerjee, MSPH
Caregiver Perceptions of Vaccinations in Low and Middle Income Countries: Systematic Review of Published Literature focus in India from 2009 – 2019. Adviser: Professor Alain Labrique

Andrew Bennett, MSPH

Kelly Carr, MSPH

Mary Chandler, MSPH
Gavi 5.0: Developing a Strategy-Driven Measurement Framework. Adviser: Associate Scientist Rupali Limaye

Amelia Gerste, MSPH
Scaling up Tuberculosis Preventive Therapy (TPT) in South Africa: Understanding the knowledge, attitudes, and practices of providers on TB management and the provision of TPT for people living with HIV. Adviser: Associate Professor Agbessi Amouzou

Mirha Girt, MSPH
Engagement in chronic, acute, and preventative care among female sex workers living with HIV in Durban, South Africa. Adviser: Assistant Professor Kawsar Talaat

Jessica Handy, MSPH
“Too much”: A phenomenological analysis of overdose experiences among people who use drugs in Maryland’s Lower Shore. Adviser: Assistant Scientist Victoria Chou

Rachel Hartman, MSPH
Risk factors for mortality among children under 5 years of age with severe diarrhea in low- and middle-income countries: Findings from the WHO-coordinated Global Rotavirus and Pediatric Diarrhea Surveillance Network. Adviser: Assistant Scientist Jessica Atwell

Shuoning Huang, MSPH
Preliminary review of existing guidelines and tools on vaccine delivery costs. Adviser: Professor Lawrence Moulton.

Katarina Kamenar, MSPH
Quality Improvement’s within the HAPIN Study’s Pneumonia Surveillance System. Adviser: Associate Scientist Jamie Perin

Heesu Kim, MSPH
Inequity determinants of child vaccination in India at the national-level and state-levels. Adviser: Associate Scientist Subhra Chakraborty

Kyo Yeon Kim, MSPH
Headache Among HIV-infected Adults in Lusaka, Zambia. Adviser: Senior Scientist Anita Shet

Rachel Lake, MSPH
Maternal and Reproductive Health Needs Assessment of Afghan Immigrant Women of Reproductive Age Settling in Maryland from 2014-2018. Adviser: Assistant Professor Melinda Munos

Annelise Long, MSPH
Validation of a Screening Questionnaire, Identification of Risk Factors, and Development of a Risk Stratification Tool for Obstetric Fistula. Adviser: Senior Scientist Maria Knoll

GLOBAL DISEASE EPIDEMIOLOGY AND CONTROL PROGRAM
PhD Dissertations

Porcia Manandhar, MSPH
A comparison of facility readiness to provide quality antenatal, intrapartum, and postpartum care in rural Southern Nepal under centralized and decentralized government systems. Adviser: Professor Joanne Katz

Christina Potter, MSPH
A Framework Analysis of Uganda’s Ebola virus disease preparedness and response activities compared to IHR Emergency Committee Temporary Recommendations and other expert advice. Adviser: Professor Anna Durbin

Megan Stevenson, MSPH
Feasibility and Benefits of a Special Health Pep for Venezuelans Living With HIV in Colombia. Adviser: Assistant Professor Melissa Marx

Niharika Tiwari, MSPH
The effect of ANC visits on small for gestational age among women in Nepal - A cohort study. Adviser: Assistant Scientist Diwakar Mohan

Alexander Zapf, MSPH
Predicting risk factors for severe complications and the impact ofcoinfections and comorbidities on disease severity associated with influenza B infections. Adviser: Professor Daniel Salmon

Alexandra Zimmer, MSPH
Comparing the activity-based costs of decentralized rapid molecular testing with the standard of care for tuberculosis diagnosis in Uganda. Adviser: Associate Professor Naor Bar-Zeev

Jennifer Applegate, PhD
Early Implementation of Guidelines for Managing Young Infants with Infection in Rural Bangladesh: An Implementation Research Study. Adviser: Professor Abdullah Baqui

Vanessa Burrowes, PhD
Bangles, Breath, and Machines - Evaluation of Novel Personal Exposure Methods to Measure Household Air Pollution in Puno, Peru. Adviser: Associate Professor William Checkley

Javier Bustos, PhD
Calcified Neurocysticercosis: Risk Factors for Calcification and Associated Factors for Seizure Relapse. Adviser: Professor Robert Gilman

Andrea Carcelen, PhD
Measles and Rubella Serological Surveillance in Zambia: Design, Implementation, and Analysis. Adviser: Professor Daniel Salmon

Yagahira Castro-Sesquen, PhD
Beyond Vector Control: Congenital and Imported Chagas Disease. Adviser: Assistant Professor Kawsar Talaat

Elizabeth Hazel, PhD
Measuring Family Planning Quality of Care in Malawi. Adviser: Professor Joanne Katz

Francesca Schiaffino Salazar, PhD
Whose Feces Matter? Household Fecal Contamination and Drug-Resistant Campylobacteriosis in the Peruvian Amazon. Adviser: Adjunct Associate Professor Margaret Kosek
### Global Health Economics
#### MHS Scholarly Papers

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<td>Long-Term Consequences of Severe Injuries in Malaysia.</td>
<td>Associate Professor Antonio Trujillo</td>
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<td>Zahra Chowdhury, MHS</td>
<td>The Effect of Biosimilars in the Market for Insulin?</td>
<td>Associate Professor Antonio Trujillo</td>
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<td>Tarun George, MHS</td>
<td>Is number of drug approvals by disease category associated with the burden of disease in the US?</td>
<td>Assistant Scientist Cristina Garcia</td>
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<td>Chen Liu, MHS</td>
<td>Threshold Analysis of the Cost Effectiveness of Human Centered Design In Low and Middle Income Countries.</td>
<td>Associate Professor Krishna Rao</td>
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<td>Joseph Millward, MHS</td>
<td>Health in the Himalayas: A Cross-Sectional Analysis of Health Financing Behaviors among Tribal Households Reporting Non-Communicable Disease in North Bengal.</td>
<td>Professor David Bishai</td>
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<td>Iman Nourhussein, MHS</td>
<td>The cost-effectiveness of administering the pneumococcal polysaccharide vaccine (PPSV23) in addition to the pneumococcal conjugate vaccine (PCV13) for children with sickle cell disease in Burkina Faso.</td>
<td>Assistant Professor Bryan Patenaude</td>
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<td>Yifan Zhu, MHS</td>
<td>The effect of Affordable Care Act (ACA) Medicaid expansion on insurance coverage and access to care among vulnerable population from 2011-2018.</td>
<td>Assistant Scientist Andres Vecino</td>
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### Health Systems Program
#### MSPH Capstones

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<td>Kevalin Aulandez, MSPH</td>
<td>Filling Health Systems Gaps: An Exploration of Approaches Taken by the Johns Hopkins Center for American Indian Health.</td>
<td>Associate Professor Maria Merritt</td>
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<td>Ryanne Fujita-Conrads, MSPH</td>
<td>Perspectives on the Fondo de Inclusión Social Energético (FISE), a Program to Expand LPG Access in Puno, Peru.</td>
<td>Professor William Brieger</td>
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<td>Kasey Kinzel, MSPH</td>
<td>Elimination of Hepatitis B Mother-To-Child and Early Childhood Transmission in The Americas.</td>
<td>Assistant Scientist Dustin Gibson</td>
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<td>Kana Kobayashi, MSPH</td>
<td>Identifying ways to increase immunization coverage among children in the Democratic Republic of the Congo: Findings from a Missed Opportunities for Vaccination Assessment.</td>
<td>Associate Scientist Shivam Gupta</td>
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<td>James Kumwenda, MSPH</td>
<td>Health Systems Capacity Strengthening in sub-Saharan Africa, Is leadership training still a missing link?</td>
<td>Assistant Scientist M. Hafizur Rahman</td>
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<td>Caitlin Noonan, MSPH</td>
<td>Economic Costs of Illness: Findings from Bihar, India.</td>
<td>Associate Professor Krishna Rao</td>
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<td>Prianka Reddi, MSPH</td>
<td>Organizational Capacity Assessment of the State Institute for Health and Family Welfare of Uttar Pradesh.</td>
<td>Associate Scientist Daniela Rodriguez</td>
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<tr>
<td>Karishma Sethi, MSPH</td>
<td>Using Community Surveillance Assistants to improve CRVS systems in Mozambique: A Pilot Program in Inhambane, Mozambique.</td>
<td>Senior Associate William Weiss</td>
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<td>Prakriti Shrestha, MSPH</td>
<td>Patterns of oral HIV Pre-exposure prophylaxis use in Kenya.</td>
<td>Associate Professor Andreea Creanga</td>
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<td>Briana Stone, MSPH</td>
<td>Seasonality of Maternal Health Care Utilization in Mozambique.</td>
<td>Associate Professor W. Courtland Robinson</td>
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### Health Systems Program
#### PhD Dissertations

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<td>Oluwarantimi Adetunji, PhD</td>
<td>Assessing the Need for Integrated and Person-centered Care for the Elderly in Vietnam.</td>
<td>Associate Professor Abdulgafoor Bachani</td>
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<td>Tashrik Ahmed, PhD</td>
<td>Improving Disease Surveillance Programs in Liberia.</td>
<td>Professor and Chair David Peters</td>
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<td>Juliana Bol, PhD</td>
<td>Contracting-out of Primary Health Care Services in Conflict-affected Settings: The Case of South Sudan.</td>
<td>Associate Professor Antonio Trujillo</td>
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<td>Emily Lyles, PhD</td>
<td>Care Utilization and Adherence to Medication for Hypertension and Diabetes Among Syrian Refugees and Host Communities in Lebanon.</td>
<td>Associate Professor Shannon Doocy</td>
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<td>Ellen Schenk, PhD</td>
<td>Hospital Management, Security, and Performance in Afghanistan.</td>
<td>Professor Gilbert Burnham</td>
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<td>Nukhba Zia, PhD</td>
<td>Measuring Child Disability: Piloting a Functional Assessment Tool in Children at the Iganga-Mayuge Health and Demographic Surveillance Site in Uganda.</td>
<td>Adjunct Professor Adnan Hyder</td>
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### Human Nutrition Program
#### MSPH Capstones

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<tr>
<td>Amber Alexis, MSPH</td>
<td>The impact of Moveable Feast’s meal delivery and medical nutrition therapy services on the food insecurity and quality of life of their current and former breast cancer clients.</td>
<td>Professor Laura Caulfield</td>
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Leena Daniel, MSPH
Identifying Strategies for a Successful Non-Profit Grocery Store to Improve Healthy Food Access in Baltimore. Adviser: Professor Joel Gittelsohn

Madison Friel, MSPH
Fighting for Food Access and Food Equity within Baltimore City Healthy Food Priority Areas. Adviser: Professor Laura Caulfield

Ya Gao, MSPH

Sarah Hinman, MSPH
Acceptability of Disaster Relief Food Rations among low-income residents of Baltimore City. Adviser: Professor Joel Gittelsohn

Zhongyu Li, MSPH
Phytochemicals and Cancer: From Biological Mechanisms in Cultured Cancer Cells to Epidemiologic Studies and Dietary Interventions. Adviser: Associate Scientist Kerry Schulze

Bernadetta Pranantia, MSPH
A Review On School Age Child Nutrition In Indonesia: A Population In Transition. Adviser: Associate Scientist Andrew Thorne-Lyman

Dong Keun Rhee, MSPH
Understanding the Determinants of Children’s Consumption of Sugar–sweetened Beverages: A Child Focus Group Study. Adviser: Professor Laura Caulfield

Takyera Robinson, MSPH
Combatting the Childhood Overweight and Obesity Epidemic in the United States: School Programs and Interventions. Adviser: Assistant Professor Vanessa Garcia Larsen

Jia Shi, MSPH
Comparison of Prevalence and Lifestyle and Policy Interventions for the Treatment and Control of Adult Onset Type 2 Diabetes Mellitus in China and the U.S. Adviser: Professor Keith West

Hanzhi Tong, MSPH
Association Between Exposure to Prelacteal Feeding and Infant Growth in Rural Bangladesh. Adviser: Associate Scientist Andrew Thorne-Lyman

Sarah Wagner, MSPH
Development of recipes for the treatment of moderate acute malnutrition using locally available foods for children aged 6-59 months in Low- and Middle-Income Countries. Adviser: Professor Laura Caulfield

Marissa Walsh, MSPH
The State of the Cellular Agriculture Industry. Adviser: Assistant Scientist Rebecca Heidkamp

Caroline Wensel, MSPH
Human Milk Composition: A Portfolio Analysis of Funded Projects and Literature Review. Adviser: Professor Laura Caulfield

Yvonne Yiru Xu, MSPH
Diet, alcohol and physical activity as lifestyle risk factors for cardiometabolic conditions in South-East Asia - Evidence from nationally representative surveys in Bangladesh, Bhutan and Nepal. Adviser: Assistant Professor Jed Fahey

Eleonor Zavala, MSPH
Methods and materials for dietary assessment in a household-randomized, balanced protein-energy supplementation trial among pregnant and lactating women in Sarlahi, Nepal. Adviser: Assistant Professor Amanda Palmer

Jessica Ziesel, MSPH
Advocating for Federal Policy to Expand Medicare Coverage of Outpatient Medical Nutrition Therapy. Adviser: Professor Laura Caulfield

Swetha Manohar, PhD
Childhood Linear Growth Velocity in the Plains (TaraI) of Nepal: Patterns and Risk Factors. Adviser: Professor Keith West

Anita Panjwani, PhD

Marie Spiker, PhD
Modeling the Missing Middle: Computational Simulation of Vegetable Supply Chains in India. Adviser: Associate Professor Kristen Hurley

Anne Arnzen, MSPH
Linking Monitoring and Evaluation with Learning: Review of Methods used in the USAID Program Cycle. Adviser: Assistant Professor Haneefa Saleem

Caroline Carrasco, MSPH
Considerations for the Development of an Empowerment Measure for DREAMS Zambia’s Safe Spaces Intervention. Adviser: Associate Professor Caitlin Kennedy

Kathleen Fallon, MSPH
Assessing the Impact of the UNRWA Funding Crisis on the Health of Palestine Refugees in Lebanon: A Qualitative Analysis. Adviser: Professor William Brieger

Amy Frautschi, MSPH
Reducing Anemia Among Women of Reproductive Age in Bhikamkor Village, a Case Study. Adviser: Assistant Scientist Rosemary Morgan

Fiona Grubin, MSPH
Conceptualizing Suicidal Behavior, Non-Suicidal Self-Injury, and Substance Use in Conjunction: A Critical and Comparative Review of Research and Programs from the White Mountain Apache Tribe. Adviser: Assistant Professor Victoria O’Keefe
Aashaka Shinde, MSPH
Freedom Within a Cage: Exploring Women’s Access To and Use of Mobile Phones in Rural Central India. Adviser: Assistant Scientist Summer Rosenstock

Connor Steele-McCutchen, MSPH
Climate Centered Value Chain Development for Nutrition in Rural Bangladesh: A Case Study of the Successes and Challenges of Private Sector Social and Behavioral Interventions. Adviser: Professor Peter Winch

Jasmine Truong, MSPH
HIV Prevention Among Men who have Sex with Men: Identifying the Barriers and Facilitators to PrEP Program Implementation among YMSM and TGW who Sell/Trade Sex in Bangkok and Pattaya, Thailand. Adviser: Assistant Scientist Nina Martin

Divina Varghese, MSPH
Analysis of the Behavioral Change Intervention Program (BCIP) of the Reducing Economic Barriers to Accessing Healthcare Services (REBAHS) Program. Adviser: Professor Peter Winch

Poonam Gupta, MSPH
Suaahara Good Nutrition Program: Annual Survey Year 3 Report. Adviser: Professor Joel Gittelsohn

Anika Jain, MSPH
Developing a Qualitative Study to Explore Factors Affecting Community Acceptance of Immunizations in Rural Haryana, India. Adviser: Senior Research Associate Kristin Masten

Maia Johnstone, MSPH
Norm-changing communication interventions: A review of the literature and application to family planning and gender-based violence. Adviser: Associate Scientist Lauren Tingey

Asiya Kazi, MSPH
Intersections between Patient-Provider Communication and Patient Anxiety in an Antenatal Healthcare Setting in Pakistan. Adviser: Assistant Professor Victoria O’Keefe

Rui Ling, MSPH
Cultural Adaptation of a Digital Mental Health Intervention: From Framework Development to Practice in Macao, China. Adviser: Research Associate Teresa Yeh

Sunny Liu, MSPH
Understanding the need for Individual and Economic Empowerment for People Currently Enrolled in Medication-Assisted Treatment (MAT) for Opioid Use Disorder in Dar es Salaam, Tanzania. Adviser: Assistant Professor Haneefa Saleem

Lex Londino, MSPH
Gender and Sexual diversity Training for Staff at CLEAR in Baltimore, MD and CHAMP in Yaounde, Cameroon. Adviser: Associate Scientist Elli Leontsini

Rashel Rabinovich, MSPH
Understanding the Social Support Needs of HIV-Positive Individuals Reentering Community Settings from Correctional Facilities in Johannesburg, South Africa: Initial Successes of Transition to Community Adherence Clubs. Adviser: Senior Research Associate Rachel Chambers

Aneeka Ratnayake, MSPH
Female Empowerment and Men’s Infant and Young Child Feeding Beliefs: The Role of Gender in Nutritional Outcomes. Adviser: Associate Professor Julie Denison

Eric Rodriguez, MSPH
Decision Aids to Support Cancer Patients’ Informed Consent in a Randomized Clinical Trial: A Qualitative Evaluation. Adviser: Senior Research Associate Anne Kenney

Alexandra Rogers, MSPH
Utilizing Human-Centered Design to Create User-Generated Solutions to Reduce Teenage Pregnancy: A Case Study from the USAID ReachHealth Project in the Philippines. Adviser: Associate Scientist Elli Leontsini

Leah Salama, MSPH
Challenges and Opportunities for Engaging South Sudanese Male Refugees in Mental Health and Psychosocial Programming in Rhino Settlement, Arua, Northern Uganda. Adviser: Associate Professor Pamela Surkan

Laura Beres, PhD
Patterns and Factors Influencing Return to Care Among Patients Living with HIV in Zambia. Adviser: Associate Professor Julie Denison

Sarah Elaraby, PhD
Ecocultural Perspectives on Problematic Child Behavior: An Exploratory Qualitative Study in the Context of Urban Poverty in Egypt. Adviser: Associate Professor Julie Denison

Anna Kharmats, PhD
Geospatial Food Environment Exposure, Obesity, and Food Security Among Low Income Baltimore City Children and Caregivers. Adviser: Professor Joel Gittelsohn

Katherine Merrill, PhD
Violence Victimization and Virologic Failure Among Adolescents and Young Adults Living with HIV in Zambia. Adviser: Associate Professor Julie Denison

Georgia Michlig, PhD
“What You Hide Also Hides You” Mental Health Screening, Risk Factors, and Service Use Among a Population of Somali Women in the U.S. Adviser: Associate Professor Pamela Surkan

Divya Mishra, PhD
South Asian Unaccompanied Minors’ Transition to Adulthood in Greece. Adviser: Professor Peter Winch
The Department welcomes the newest additions to the International Health family who arrived while their parents were pursuing IH degrees.

Baby Joel with Rantimi Adetunji, PhD

Baby Ashel
Amber Alexis, MSPH

Baby Esther
Heesu Kim, MSPH

Baby Marie with Matt and Laura Beres, PhD

Baby Lorenzo
Francesca Schiaffino, PhD

Baby Noah
Sarah Elaraby, PhD

Baby Joziah
James Kumwenda, MSPH