

CLASS OF 2023

GRADUATION CELEBRATION

June 8, 2023

Kane Hall



W

DEPARTMENT OF GLOBAL HEALTH

UNIVERSITY *of* WASHINGTON

Schools of Medicine and Public Health

“You have only scratched the surface of what you’re capable of. There are decades of victories ahead of you.”

Rupi Kaur

CELEBRATION PROGRAM

OPENING

Carey Farquhar, Interim Chair

AWARDS

Carey Farquhar, Interim Chair

PRESENTATION OF DEGREE GRADUATES

MASTER OF PUBLIC HEALTH

Deepa Rao, Director / Keshet Ronen, Associate Director /
Ahoua Koné, Community Liaison / Selam Yadetta, Program Manager

Student Remarks / Priyasha Maharjan

PRESENTATION OF GRADUATES

Emmanuela Gakidou, Director, Health Metrics & Evaluation Track /
Sarah Dillard, Advisor

Student Remarks / Francisca Gonzalez Cohens

PRESENTATION OF GRADUATES

DOCTOR OF PHILOSOPHY - PATHOBIOLOGY

Jennifer Lund, Director / Ernie Lefler, Program Manager

Student Remarks / Felicia Watson

PRESENTATION OF GRADUATES

PRESENTATION OF DEGREE GRADUATES

DOCTOR OF PHILOSOPHY - GLOBAL HEALTH METRICS & IMPLEMENTATION SCIENCE

Joseph Dieleman, Co-Director (Metrics) / Kenneth Sherr, Co-Director (Implementation Science) / Savita Mukhedkar, Program Manager (Implementation Science) / Sarah Dillard, Program Manager (Metrics)

Student Remarks / Dorothy Mangale

PRESENTATION OF GRADUATES

CLOSING

Carey Farquhar, Interim Chair

2023 AWARD RECIPIENTS

DEPARTMENT OF GLOBAL HEALTH

OUTSTANDING MASTER'S STUDENT

Emilia Cárdenas, MPH

OUTSTANDING PHD STUDENT

Wisal Ahmed, PhD Global Health Metrics & Implementation Science

SCHOOL OF PUBLIC HEALTH

**GILBERT S. OMENN AWARD FOR
ACADEMIC EXCELLENCE (MASTER'S)**

Carole Green, MPH - Health Metrics & Evaluation

MASTER OF PUBLIC HEALTH

Simeon Junior Adiunegiya, MBBS

Multiple HPV Infection and Risk of Pre-Invasive Cervical Lesion and Invasive Cervical Cancer among HPV Positive Women in Senegal, West Africa

Chair: Stephen Hawes / Committee: Monisha Sharma

I would like to acknowledge my thesis committee - Stephen Hawes and Monisha Sharma, and my sponsor-Fulbright.

Nada Ali, MD

Harnessing mHealth to Improve Access to Hearing Care

Chair: Sarah Benki-Nugent / Committee: Emily Gallagher

A big thank you to my mentors, friends, and family for their support!

Than Htut Aung, MBBS

Micronutrient Status in 2- to 23-Month-Old Children with Acute Illnesses and Their Association with Nutritional Outcomes Following Hospital Discharge

Chair: Judd Walson / Committee: Kirk Tickell

Dear Judd and Kirk, thank you sincerely for your wonderful support throughout my thesis and academic journey. Your guidance and expertise have been invaluable, and I am deeply grateful for your unwavering commitment.

Olena Bidovanets, MD

Post-Traumatic Growth among Ukrainian Women Refugees during the Ongoing Russian-Ukrainian War

Chair: Stephanie Farquhar / Committee: Jacob Bentley

I would like to thank my family and friends in Ukraine and the US for their love, presence and belief in me. I am deeply grateful to Stephanie A. Farquhar and Jacob A. Bentley for being my most supportive companions in my scientific journey, and to Richard Tedeschi for Hope.

Caitlin Bowman

Examining Digital Square's Procurement Processes to Improve Equity and Accessibility

Chair: Arianna Means / Committee: Julie Rajaratnam

Thank you to my family and friends for their wonderful support!

Emilia Cárdenas

Strengthening Intercultural Obstetric Care in the San Antonio Hospital of Mitú, Vaupés

Chair: James Pfeiffer / Committee: Pablo Montoya

I want to thank James Pfeiffer and all of the Sinergias NGO team for mentoring me throughout the years and opening the doors to UW and public health work. I also want to thank my cohort and family for keeping me grounded in the questions and communities that matter most.

Edinah Casmir, MA

Acceptability of HIV Pre-Exposure Prophylaxis Integration into Post-Abortal Care Services to Expand the Reach of PrEP among Kenyan Adolescent Girls and Young Women

Chair: Nelly Mugo / Committee: Renee Heffron, Kenneth Ngunjiri

My committee was an invaluable source of advice, and I want to thank them for that. A special thanks to my family, friends, IARTP, KEMRI, PrEDIRA team and the MPH 2021 cohort for their immense support!

Taylor Coston, MD

Smoke Inhalation Injury Severity and Ventilator-Associated Pneumonia

Chair: T. Eoin West / Committee: Barclay Stewart

I would especially like to thank my wife Margaret for her immense support. Also, a special thanks to my MPH class for their kindness and inspirational care for others.

Shradha Doshi, MBChB, MMed

Coronary Artery Disease and Renal Impairment in HIV

Chair: Christopher Longenecker / Committee: Carey Farquhar, Barbra Richardson

This journey would not have been possible without the support of my family, professors and mentors, and friends. Each one of you has given your time, energy, and expertise and I am richer for it.

Rosa Ecos, MD

Feasibility and Acceptability of an Innovative Hospital-Based Educational Training for Caregivers of Patients with Severe Stroke at the Instituto Nacional de Ciencias Neurológicas in Perú in 2023

Chair: Joseph Zunt / Committee: Nauzley Abedini, Sarah Gimbel

I would like to thank Joe Zunt and my family for their great support.

Nico Flint

Reflections on Research Capacity Strengthening Efforts in Sub-Saharan Africa

Chair: Deepa Rao / Committee: Bradley Wagenaar

A special and heartfelt thanks to Deepa Rao whose compassionate mentorship kept me afloat. To my chosen family, I quite literally couldn't have done this without you. I love you infinitely! Les quiero infinitamente!

Lucas Gillespie

Conceptualizing Pathways to Building Climate Resilience in Frontline Communities in Washington State

Chair: Jeremy Hess / Committee: Esther Min

I would like to express my gratitude to Jeremy and Esther for their excellent advising and mentoring for my capstone project. A huge thanks to my family, friends, and partner for their unending love and support these past 2 years!

Siddhant Gupta, MBA

Economic Evaluation of a Multi-Sectoral Nutrition Program in Nepal

Chair: Carol Levin / Committee: Deepa Rao

I would like to thank my advisors Carol Levin and Deepa Rao for their guidance. Also, special thanks to my cohort for their support throughout.

Erin Ingle

Analysis of Cervical Cancer Testing and Treatment for Women Living with HIV in Ethiopia

Chair: Gabrielle O'Malley / Committee: Monisha Sharma

A special thanks to Gabrielle O'Malley for being an incredibly supportive advisor! Also, thank you to my counterparts at Project Hope who are continuing to expand equitable access to reproductive healthcare globally. It was an honor to work together!

Niharika Jha

Nutrition Transition from 2013 to 2022 and Its Association with BMI among Dhulikhel Heart Study Participants, Nepal

Chair: Annette Fitzpatrick / Committee: Mandy Fretts, Archana Shrestha

I would like to thank my supervisors, all the faculty, my family and friends for their regular support and guidance.

Agnes Karingo Karume, MBCHB, MBA

Relationship Between Mental Health and Unmet Need for Contraception and Method Type among Women Living with HIV in Kenya

Chair: Alison Drake / Committee: John Kinuthia, Amritha Bhat

I would especially like to thank my committee and in addition Anjuli and Carey for their guidance. Also, a special thanks to my family, friends, colleagues, IARTP and MWACH Empower teams and most of all to God Almighty.

Fikir Kibret, MD

Approaches to Establish a Human Milk Bank to Optimize Human Milk Access for Small and Sick Infants in Ethiopia

Chair: Alison Drake / Committee: Daniel Enquobahrie, Kiersten Israel-Ballard

I wish to express my deep appreciation to Dr. Alison Drake and Dr. Daniel Enquobahrie for their exceptional guidance and mentorship. Additionally, I am grateful to Dr. Kiersten Israel-Ballard and Kimberly Mansen for their valuable assistance during my practicum and capstone projects. Finally, I extend my special thanks to my beloved family and friends!

Megan Lewis, PDTN, RN

The Development of a Team Approach to Malnutrition Services (TeAMS) Toolkit

Chair: Arianna Means / Committee: Sarah Gimbel

Many thanks to Megan Coe, principal investigator and candidate for a PhD in Nursing Science, for her invaluable guidance and feedback. A special thanks to my family and friends, especially my parents and grandparents, for their endless support and encouragement.

Christopher Alexis Leyva Vera, MSW

Barriers to Health Access for Undocumented Transgender Individuals in Washington State: A Policy Analysis

Chair: Jane Lee / Committee: Joanne Stekler

Sarah Luth

Health Care Resilience in Mozambique: A Mixed Methods Analysis of COVID-19 Impact on Maternal Child Health Service Delivery in Manica and Maputo Provinces

Chair: Isaías Ramiro / Committee: Stephen Gloyd

I would like to thank all of my CSM colleagues, especially Elsa Kanduma, for all of their hard work, support, and friendship throughout my research & thesis.

Priyasha Maharjan, MBA

An Exploratory Study of Perinatal Depressive Symptoms and Its Intersection with Intergenerational Coresidence among Women in Kavrepalanchok, Nepal

Chair: Deepa Rao / Committee: Amritha Bhatt

I am grateful for all encounters at UW. My four graces, cohort mates, faculty and advisors - thank you for accepting me with open arms and supporting me in this journey. A special thanks to my dear husband who has been my backbone.

Nicole A. Mbouemboue, MA

Improving Preterm and Low Birth Weight Care Practices in Lubumbashi, Democratic Republic of Congo, Using a Family-Centered Model: A Qualitative Study

Chair: Ahoua Koné / Committee: Karen Cowgill, Jim Litch, Abel Ntambue

I would like to express my deepest appreciation to my thesis committee for their valuable guidance and relentless support throughout this journey, and to my research team and study participants in Lubumbashi, DRC. A special thanks to the Gbetnkom family in Seattle, WA, and to the Mbouemboue family in Cameroon.

Alina Metje, MD

Sustainability of an Evidence Based Intervention Supporting Transition to Independent Care for Adolescents Living with HIV in Kenya

Chair: Irene Njuguna / Committee: Kristin Beima-Sofie

My sincere gratitude to my advisors Irene Njuguna and Kristin Beima-Sofie for their invaluable guidance. I am also grateful to my husband for his constant encouragement and to my friends in Seattle for their motivation and support. I could not have made it this far without you.

Felix Ong'era Mogaka, MBChB

Barriers and Facilitators to Introduction of Doxycycline Post-Exposure Prophylaxis into Kenyan HIV PrEP Programs for Prevention of Sexually Transmitted Infections

Chair: Elizabeth Bukusi / Committee: Jenell Stewart, Gabrielle O'Malley

I am grateful to my thesis committee members for their unlimited support, the IARTP fraternity, my MPH professors, my new friends in Seattle; and my dear family in Kenya.

Biraj Neupane

Cardiometabolic Risk Factor among Rural and Non-Rural Adults

Chair: Annette Fitzpatrick

I would like to express my sincere thanks to my family in Seattle and in Nepal who made this possible thank you all friends and family.

Victor Omballa, MS

Longitudinal Patterns of Antimicrobial Resistance in Escherichia Coli Isolated from Children <5 Years of Age Following Hospital Discharge in Kenya and the Impact of a 5-Day Course of Azithromycin

Chair: Judd Walson / Committee: Patricia Pavlinac, Olusegun Soge

I would like to especially thank Judd Walson and Caryl Feldacker for their continuous support. Also, a special thanks to my friends and family in Seattle and Kenya.

Ajla Pleho

Assessing Social and Health Needs among Ukrainian Refugees Recently Resettled in Washington State

Chair: Kelli O'Laughlin / Committee: Elizabeth Farmer

I want to thank Kelli and Beth for being wonderful mentors. Also, a special thanks to my friends and family, who have supported me every step of the way.

Megan Riley Stumpf, DNP, RN

Alternative to Discipline Programs (ADPs) as an Intervention to Address Substance Use Disorder among Nurses Licensed in Alaska

Chair: Pamela Kohler / Committee: Tessa Walker-Linderman

Thank you for the support of the MPH and DNP departments, faculty mentors, and all of my loved ones for assisting me throughout my education's journey.

Assem Suleimenova, MD, PhD

The Quality in Health Information Systems Study: Perceptions of the Quality of Digital Health Information Systems in the Global Health Domain

Chair: Nancy Puttkammer / Committee: Jan Flowers

I would like to especially thank Nancy Puttkammer, Jan Flowers, and Polly Newcomb for being a wonderful advisor. Also, a special thanks to my friends and family in Seattle!

Abdul-Matinue Sulemana, RN, MSc

Describing Child Injuries and Deaths from Road Traffic Incidents in Ghana and Other LMICs: Informing Policy and Practice

Chair: Caryl Feldacker / Committee: Charles Mock, Barclay Stewart

My sincere thanks go to Caryl Feldacker, and the Committee for all the support given to me. I also give thanks to all our cohorts for their support throughout the academic period.

Rachael Lyne Gurwan Tamngin

Global Health Ethics in Oceania and Identifying Community-Derived Frameworks

Chair: James Pfeiffer / Committee: Holly Barker, Leimamo Wase

Thank you so much to my family, community, and support system who have made my experience in this program meaningful and possible!

MASTER OF PUBLIC HEALTH

HEALTH METRICS & EVALUATION

Amal Abdi

Housing Costs and Health Outcomes

Chair: Laura Dwyer-Lindgren

I would like to thank my family, friends and incredible mentors at IHME for all they have taught me with such generosity.

Ian Cogswell

Examining Immunization Spending Efficiency by Activity, Component, and Financing Source

Chair: Joseph Dieleman / Committee: Angela Micah

I would like to thank my family, friends, and mentors for their support. I am tremendously grateful for all of the opportunities that I have been given here at UW.

Bronte Dalton

Modeling Subnational Migration Under Different Climate Scenarios

Chair: Jeffrey Stanaway / Committee: Stein Emil Vollset

Thank you to friends and family who've supported me along the way!

Gabriela Gil

Identifying Individual and Departmental Drivers of Fetal Deaths among Venezuelan and Colombian Mothers in Colombia, 2017-2020

Chair: Emmanuela Gakidou / Committee: Abraham Flaxman

I would like to thank everyone that has supported me through this program, including Jacob, my parents and sister, and the entire PBF community!

Francisca Gonzalez Cohens

Analysis of Contributors to Possible Organ Donor Discards in Chile

Chair: Mae Dirac / Committee: Lisa Force, Fernando Gonzalez

Special thanks to Rodrigo Wolff from the Chilean National Coordination of Organ Procurement for providing the data (which wasn't easy) and believing in this work. To Fernando Gonzalez for working with me at any hour and encouraging me throughout all problems. And to all organ donors, thanks for giving life.

Carole Green

Health Adaptive Capacity – Developing an Indicator of Countries' Health Preparedness for Climate Change

Chair: Kristie Ebi / Committee: Kathryn Bowen, Jeremy Hess

I would like to thank Kris for being an amazing advisor, my committee, Kathryn and Jeremy, and to Jan Semena and Karyn Morrissey for all their help with this. Many, many thanks to my friends and family for their support and love.

Claire Henson

The Role of Education Quality in Reducing Disparities in Mortality

Chair: Emmanuela Gakidou / Committee: Terje Andreas Eikemo

Many thanks to my IHME team (cohort, mentors, and team members) for the support. And much love to my family!

Ethan Kahn

Simulating the Impact of Health-Selective Residential Mobility on Spatial and Racial Inequities in Disability Prevalence in the US

Chair: Laura Dwyer-Lindgren / Committee: Abraham Flaxman, Robert Aldridge

Thank you to my thesis committee and to my mentors at IHME, including Laura Dwyer-Lindgren, Farah Mouhanna, and Chris Schmidt. Special thanks to my cohort in the MPH and PBF program. I'm so grateful to my friends, family, partner, and other loved ones in Seattle and afar.

Sonia Rao

Social Determinants of Health and Interruption in Treatment Outcomes Within Haiti's Electronic Medical Record System for People Living with HIV

Chair: Nancy Puttkammer / Committee: Carolin Spice

Special thanks to all my friends, family, and mentors for being a wonderful support system!

DOCTOR OF PHILOSOPHY

PATHOBIOLOGY

Tanvi Arkatkar, MS

An Innate-Like Role of Memory T Cells in HSV-2 Immunity

Chair: Jennifer Lund / Committee: David Koelle, Martin Prlic, Daniel Campbell

I would like to thank Jennifer Lund for her incredible mentorship, support, and for shaping my career as an independent researcher. Also, a special thanks to my partner, Chinmay, friends and family for their unwavering support.

Natasha M. Bourgeois

Receptor Tyrosine Kinases Mediating Dengue Infection

Chair: Alexis Kaushansky / Committee: John Aitchison, Thomas Hawn, Leslie Goo, Barry Stoddard, Wes Van Voorhis

Huge thank you to my advisor, my lab, and my program for incredible support. I also could not have done it without my parents, friends, bestie Corinne, and partner Isaac. Chip, Ella, Beowulf, Grendel, and Bruce Leezard played a huge role too. So grateful for all of you!

Ceejay Boyce

Impact of HIV Drug Resistance on Maternal Treatment Outcome & Vertical Transmission

Chair: Lisa Frenkel / Committee: Geoffrey Gottlieb, Olusegun Soge, Michael Emerman, John Mittler, Alison Drake

I would like to thank Lisa for her thoughtful mentorship and guidance, my committee for their time and support, and my collaborators and colleagues for their contributions to this research. Special thanks to my incredible partner, Sean, and my family and friends for their endless encouragement throughout this journey!

Amy Lu

ZIKV Protein Accumulation is a Major Regulator of Innate Immunity,
Controlling Viral Replication and Spread

Chair: Michael Gale, Jr. / Committee: Rhea Coler, Jennifer Hyde, Gael
Kurath, Michael Lagunoff

*I would like to thank my mentor Michael Gale, Jr. and my committee for
all their help and support throughout my PhD. A big thank you to Gale lab
members (past and present), the Immunology department, my friends,
partner, and family as well for their support!*

Nicole Potchen

The Role of Enteric RORgt+ Regulatory T Cells in Altering Systemic Vaccine
Responses Following Oral Antigen Exposure

Co-Chairs: James Kublin, Jennifer Lund / Committee: Andrew McGuire,
Daniel Campbell, Ana Weil, Oliver Harrison

*I would like to thank my mentors Jim Kublin and Jenny Lund for their support
and guidance over the past few years. The encouragement from family,
friends, and peers has been instrumental in my success - thank you all!*

Felicia N. Watson

Preclinical Optimization of a Prime-and-Trap Malaria Vaccine

Chair: Sean Murphy / Committee: Deborah Fuller, Alexis Kaushansky,
Chetan Seshadri, W. Conrad Liles

*Thank you to Sean Murphy, Melanie Shears, and all of the Murphy Lab
members for their encouragement and support!*

DOCTOR OF PHILOSOPHY

GLOBAL HEALTH METRICS & IMPLEMENTATION SCIENCE

EMPHASIS – METRICS

Erin Hulland Frame, MPH

Pandemic Preparedness and COVID-19: Lessons Learned from National and Subnational Response, What We Can Learn from Existing Preparedness Metrics, and How to Prepare for Novel Threats

Chair: David Pigott / Committee: Bobby Reiner, Joseph Dieleman, Chris Adolph, Cyrus Shahpar, Tom Bollyky

I would like to thank my friends and family for all their support throughout the years, most notably my parents John and Shelley, my in-laws Tom and Denise, my siblings Megan and Tommy, and my husband Ian and daughter Mackenzie. I couldn't have done it without you!

Joseph Frostad, MPH

Global Metrics for Local Estimation: Magnifying the Health Impact of Environmental Justice

Chair: Bobby Reiner / Committee: Michael Brauer, Joseph Dieleman, Jessica Kaminisky, Esther Min

Thanks to all the brilliant peers and mentors that have inspired me throughout this program.

EMPHASIS - IMPLEMENTATION SCIENCE

Wisal Ahmed, MBChB, MPH

Lessons Learned from Sudan's Health Sector Response Addressing Female Genital Mutilation between 2016 – 2018

Chair: Carey Farquhar / Committee: Nancy Puttkammer, Stephen Gloyd

Colin Baynes, MPH

Bridging Implementation Science and Demography to Understand the Dynamics of Child Survival in Tanzania, 2000-2015

Chair: Kenneth Sherr / Committee: Bryan Weiner, James Phillips, Sara Curran

I would like to acknowledge my friends and colleagues from the Ifakara Health Institute in Tanzania, the Department of Population and Family Health at Columbia University, and the Department of Global Health at the University of Washington. In addition, I extend special thanks to my parents for their support.

Esther Choo, MPH

Improving Diets in Nepal

Chair: Carol Levin / Committee: Arianna Means, Christine McGrath, Brian Flaherty, Marco Carone

Thanks especially to Kevin, mom, and Renee for all the ways you've supported me over these past few years. Also, a special shout out to my family and friends for your love and encouragement. Couldn't have done this without all of you! And to Joshua and Olivia: this is for you.

Kristen Danforth, MPH

Bridging the Research to Policy Gap for Effective Engagement in Policy Agenda Setting in Southern and Eastern Africa

Co-Chairs: David Watkins, Kenneth Sherr / Committee: Kristin Beima-Sofie, Jeff Lane

Immense thanks to all for sticking with me through many stops and starts throughout this process. And to my family close and far for your constant support.

Katrin Fabian, MPH

Transdiagnostic Digital Mental Health Interventions for Youth and Young Adults: Approaches to Effectiveness and Implementation

Chair: Bradley Wagenaar / Committee: Kate Foster, Lydia Chwastiak, Jennifer Balkus

Many thanks to my committee, coworkers, family, and friends for all of your encouragement and support!

Quinhas Fernandes, MD, MPH

Application of Implementation Science Tools to Understand Health Systems Challenges to Achieve Universal Health Coverage in Mozambique

Chair: Kenneth Sherr / Committee: Stephen Gloyd, James Pfeiffer, Marco Carone

A special thanks to all the committee members, particularly for Professor Kenneth for being very supportive throughout the program and for the friendship. A special thanks to my family and friends in Seattle and Mozambique!

Scott Halliday, MS

Collaborative Care Models for Behavioral Healthcare Services Integration

Chair: Deepa Rao / Committee: Julie Dombrowski, Bradley Wagenaar

My sincerest thanks to my family, committee, cohort, friends, teachers, and colleagues for their unwavering support on my graduate school journey. My biggest thanks to Shannon for everything – I'm forever in your debt.

Yao He, MPH

A Mixed-Methods Impact Evaluation of the OpenELIS Laboratory Information System and the Dependent Data Dashboards in Côte d'Ivoire

Co-Chairs: Stephen Gloyd, Lucy Perrone / Committee: Nancy Puttkammer, Bradley Wagenaar, Noah Hoffman

My deepest appreciation for my committee co-chairs and members; Ahoua Koné; Jan Flowers; colleagues in Côte d'Ivoire and Seattle who have mentored and supported me; DGH programmatic staff; and last but certainly not least, my cohort mates, friends, and family around the world.

Yoshito Kawakatsu, MPH

Priority Setting for Achieving Universal Health Coverage in Nigeria: A Spatial and Temporal Analysis and Cost-Benefit Analysis

Chair: Kenneth Sherr / Committee: Christopher Adolph, David Watkins, Jonathan Mosser

I would like to express my deepest gratitude to my PhD dissertation chair, Kenny, and my committee members, Chris, David and Jon, for their unwavering support, guidance, and mentorship throughout my doctoral journey. I would also like to extend my heartfelt thanks to my family, who have provided me with love, encouragement, and support during the PhD program.

Dorothy Mangale, MS

Pivoting Youth HIV Services in the COVID-19 Pandemic: Evaluating Phone Delivery of the Adolescent Transition Package in Kenya

Chair: Grace John-Stewart / Committee: Bryan Weiner, Arianna Means, Kristin Beima-Sofie, James Hughes

I would like to thank my committee for their support, Dr. John-Stewart for being exactly what I needed, and my family and friends for their love and encouragement.

Aldina Mešić, MPH

Reducing the Burden of Road Traffic Injuries and Deaths in Ghana: An Implementation Science Approach

Chair: Caryl Feldacker / Committee: Steve Mooney, Charles Mock, Bradley Wagenaar, Angela Kitali

I am beyond grateful to my family (Mama, Babo, James, Dino, Amra, Ema, Eldin, Janet, Josef) for their endless love, constant support, and very high expectations. A big thank you to my mentors and committee (Barclay, Caryl, Adam, Angela, Charlie, Steve, Brad, James) for continually challenging and encouraging me.

Beryne Odeny, MBChB, MPH

Evaluation of Electronic Medical Record Implementation and Data Quality in HIV Programs in Kenya and Haiti

Chair: Nancy Puttkammer / Committee: Stephen Gloyd, Bradley Wagenaar, James Hughes

I would like to express my deepest gratitude to Nancy Puttkammer and my committee, for their invaluable guidance and patience. I'm grateful for my wonderful family and supportive friends. Above all I am exceedingly thankful to God Almighty.

Andre Peralta Santos, MD, MPH

Three Perspectives on the Impact of the COVID-19 Pandemic in Portugal

Chair: Kenneth Sherr / Committee: Stephen Gloyd, Joseph Dieleman, David Pigott

To Kenny for his patience and invaluable guidance, for making me believe that this was possible even after more than one year away due to my COVID-19 work duties in Portugal. To Steve, who guided me through the first two years and taught me everything I know about health equity and global health. To Joe for the great intellectual insights on my ideas and for giving me room to experiment. To David, who always provided a fresh interpretation of my problems and findings. Thank you for guiding me through these years. Thank you to my parents, my brother and my wife Sara.

Andrew Secor, MPH

The Use of Electronic Medical Registries and Clinical Decision Support Tools to Evaluate and Strengthen HIV Care in Haiti and Ukraine

Chair: Nancy Puttkammer / Committee: Anjuli Wagner, Kristin Beima-Sofie, Jillian Pintye

I would like to thank my chair, Nancy, for her mentorship and unfailing positivity; my committee for their dedication and insight; my PhD cohort for all of the support (and laughter); and a special thanks to my wife, Jess, who has shown infinite patience and love throughout this process.

Dorothy Thomas, MPH

Optimizing the Integration of Gender-Based Violence Screening and Referral in HIV Care Settings

Chair: Renee Heffron / Committee: Andrew Mujugira, Jane Simoni, Elizabeth Montgomery, Barbra Richardson

Dorlim Moiana Uetela, MD, MHS

Process, Impact and Economic Evaluation of Differentiated Service
Delivery Models for HIV Treatment in Mozambique

Chair: Kenneth Sherr / Committee: Sarah Gimbel, Marita Zimmermann,
James Hughes

I would like to thank my dissertation committee and the co-authors of my dissertation work for their contribution, and my family and friends for their support. Now to Him, who has done immeasurable more than what I asked or imagined, be the glory (Ephesians 3:20).

**CONGRATULATIONS
GLOBAL HEALTH
GRADUATES**



OUR VISION

To achieve sustainable, quality health globally.

OUR MISSION

To improve health for all through research, education, training, and service; to understand and address the causes of disease and health inequities at multiple levels; and to collaborate with partners to develop and sustain locally-led, quality health systems, programs and policies.



DEPARTMENT OF
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