Dear Colleagues and Friends,

It has been a year since our last “quarterly” newsletter, and the world looks much different now than it did in early 2020. Millions have died from COVID-19, including more than 500,000 individuals in the United States. Systemic racism in our institutions, including our healthcare system, has finally come to the forefront of our attention and conversations. Climate change is being discussed as the existential threat that it is. While our work in population health has always been important, it is perhaps more poignant now than ever. Our advocacy, research, education and clinical care for underserved and vulnerable communities both in the US and abroad is critical to addressing these issues and advancing equitable and effective systems of care.

To that end, we welcomed two new fellows to our ranks last fall. Dr. Callan Fockele is the first Population Health Research Fellow in the Department of Emergency Medicine. Dr. Fockele is a graduate of the UC Berkeley/UC San Francisco Joint Medical Program and completed her residency right here at the University of Washington. Dr. Leilani Amini is our newest Global Emergency Medicine and Rural Health Fellow. Dr. Amini is a graduate of the University of California Irvine, School of Medicine, and completed her residency in Emergency Medicine at Boston Medical Center. We are very excited to have these outstanding clinician-scholars with us for the next two years.

Enjoy this issue of our newsletter. It is full of amazing work that our faculty, fellows and residents have accomplished.

Sincerely,

Herbie Duber, MD, MPH

Head, Section of Population Health
The Department of Emergency Medicine is pleased to offer two Fellowship opportunities in the Section of Population Health. The Global Emergency Medicine and Rural Health Fellowship is an opportunity for fellows interested in spending dedicated time at the frontiers of emergency medicine in the US and globally. Additionally, the new Population Health Research Fellowship is offered to graduates of accredited EM residency programs who are interested in pursuing academic careers in population health research.

Global Emergency Medicine and Rural Health Fellowship

The Global Emergency Medicine and Rural Health Fellowship at University of Washington is a new opportunity for fellows interested in spending dedicated time at the frontiers of emergency medicine both in the US and globally.

New Fellows:

The Global Emergency Medicine & Rural Health Fellowship is thrilled to have matched with Drs. Kaitlyn Main and Reid Haflich during the 2020 Fellowship match process! Both Drs. Main and Haflich will start their Fellowship July 1, 2021.

Kaitlyn Main, MD

Dr. Main will join the UWashEM team after completing her Emergency Medicine Residency at Maine Medical Center.

Dr. Main is currently serving as Chief Resident and is a collaborator for the Wilderness Medicine Elective at Maine Medical Center.

Reid Haflich, MD, MPH

Dr. Haflich, joining us from the Denver Health Residency in Emergency Medicine, has participated in numerous Global Health focused initiatives, including acting as Resident Leader for the Global Health Career Track at the Denver Health Residency in Emergency Medicine where he coordinated resident participation in many different Global EM activities.

Read more about Drs. Main and Haflich here.

Current Fellows:

Chelsea Williams, MD, MPH

2nd year GEMRH Fellow, Acting Instructor

This past August, Dr. Williams was in Trois-Rivières, Quebec, as part of a 1 month internship to improve her knowledge of the French language while in the waiting for deployment with Doctors Without Borders (Médecin sans frontières). Dr. Williams is currently deployed with MSF in the Central African Republic.
Population Health Education

Leila Amini, MD
1st year GEMRH Fellow

Dr. Amini is on assignment at the Alaska Native Health Consortium. Dr. Amini began her fellowship in July at ANMC in Anchorage and is engaged in the remote learning Introduction to Social Medicine course through Partners In Health in August. Dr. Amini deployed to Kotzebue in northern Alaska for her first rural rotation month in October.

Population Health Research Fellowship

Under the leadership of Dr. Jeremy Hess, the Population Health Research Fellowship is beginning its first year. Our inaugural fellow, Dr. Callan Fockele, is a UWashEM Class of 2020 and Population Health Pathway alumna. Her resident elective was spent working with an indigenous group in New Zealand.

New Fellow:

Callan Fockele, MD

Dr. Fockele studies the social determinants of health, with a focus on addiction and homelessness. She is interested in improving transitions of care for ED-initiated buprenorphine patients, screening ED patients for social determinants of health, and providing evidence-based care to patients suffering from substance use. She receives funding from the National Institute on Drug Abuse.

Residents: Population Health Pathway

The Population Health Section within the University of Washington Department of Emergency Medicine offers a robust Population Health curriculum to prepare our residents for future careers and academic focus in Population Health and care of the underserved. Specific tracks include Global Health Track, Rural Health Track, and Community Health Track. Through the use of milestones, structured curriculum, and tailored clinical electives, residents will complete training culminating in an earned Certificate of Pathway completion at graduation.

Current Pathway Residents:

Lucy Goodson
PGY-2

Lynette Lacek
PGY-2

Eli Sveum
PGY-2

Kat Palmer
PGY-3

Sandra Truong
PGY-3

Braiden Eilers
PGY-4
News & Honors

In August, **Dr. Jeremy Hess** was appointed to the position of **Professor in the DEM**. Dr. Hess, also Director of CHanGE, joined the DEM in 2015, and focuses his research on climate change health impacts, health care disaster risk management, and early warning systems, among other topics. Read more about Dr. Hess [here](#).

**Dr. Braiden Eilers**, was selected to join the newest class of the Epidemic Intelligence Service (EIS) at the CDC. Read more [here](#). Congratulations, Dr. Eilers!

**Dr. Herbie Duber** helped with UW Medicine flu vaccination program. Read more and watch video [here](#).

With help from **Dr. Herbie Duber**, the HMC ED was one of the first in the country to adopt the VotER program that sets up voter registration kiosks in hospitals. Read more [here](#).

**Dr. Sachita Shah** was interviewed by CNBC for a video titled “Frontline medical workers share stories of the pandemic.” Watch the interview [here](#).

Opportunities

- **Requests for Applications: 2021 Pilot Study Funding Opportunity**. The University of Washington Implementation Science Program invites pilot study applications for funding up to $50,000. Read more [here](#).
- **Royalty Research Fund (RRF) - UW Research**. The Royalty Research Fund (RRF) is a competitive awards program that provides research support to University of Washington faculty. Read more [here](#).

Events of Interest

**CUGH Consortium of Universities in Global Health Conference**

CUGH 2021 Virtual Conference: Addressing Critical Gaps in Global Health and Development

More information and Registration [here](#).

**SAEM 21 Virtual Meeting**

May 11-14, 2021

More info [here](#).

**Global Emergency Medicine & Rural Health Fellowship Lecture Series**

This series includes presentations every Friday at 9AM PST on Population Health topics including global emergency medicine and rural health, and is presented by both Population Health faculty and other experts, both from within and outside the UW. Upcoming speakers include UWAsEM Population Health faculty Drs. Sachita Shah, Jeremy Hess, and David Townes. See the tentative Population Health Events Calendar [here](#).
Research & Grants

Drs. Graham Nichol and Kelli O'Laughlin are PI and Site PI, respectively, on a project titled Innovative Support for Patients with SARS-CoV2 Infections (INSPIRE) Registry. This CDC funded project aims to address the lack of empirical data that has limited our understanding of the COVID-19 pandemic and the role of age and other factors in prognosis.

Dr. Jeremy Hess received funding for a study which he is Primary Investigator on titled Belmont Forum Collaborative Research: Climate, Heat, and Maternal and Neonatal Health in Africa, funded by the National Science Foundation.

Dr. Lauren Whiteside will serve as a site-PI for a multi-site study funded by the CDC and led by Dr. Jason Goldstick at the University of Michigan titled Multi-site External Validation and Improvement of a Clinical Screening Tool for Future Firearm Violence.

Publications

Dr. Lauren Whiteside is the author on a paper titled Leveraging a Health Information Exchange to Examine the Accuracy of Self-Report Emergency Department Utilization Data Among Hospitalized Injury Survivors, which was published in Trauma Surgery and Acute Care: https://tsaco.bmj.com/content/6/1/e000550.abstract.

Dr. Lauren Whiteside is co-author on a paper titled Helping Individuals with Firearm Injuries: A Cluster Randomized Trial, which was published in Trauma and Acute Care Surgery: https://journals.lww.com/jtrauma/Abstract/9000/Helping_Individuals_with_Firearm_Injuries___A.97626.aspx.

Dr. Lauren Whiteside is co-author on a paper titled Rapid Ethnographic Assessment of The COVID-19 Pandemic April 2020 ‘Surge’ and its Impact on Service Delivery in an Acute Care Medical Emergency Department and Trauma Center, which was published in BMJ Open: https://bmjopen.bmj.com/content/10/10/e041772.abstract.

Dr. Lauren Whiteside is co-author on a paper titled Use of Amphetamine-Type Stimulants Among Emergency Department Patients with Untreated Opioid Use Disorder which was published in Annals of Emergency Medicine: https://doi.org/10.1016/j.annemergmed.2020.06.046.

Dr. Herbie Duber is co-author with UWashEM Resident alumni and current Population Health Research Fellow Dr. Callan Fockele on a manuscript titled Addressing the Needs of People Living Homeless During the COVID-19 Pandemic, published in the Journal of Public Health Management & Practice: DOI: 10.1097/PHH.0000000000001234.

Dr. David Townes is co-author on a paper titled Utility of Point of Care and Rapid Diagnostics in Humanitarian Emergencies, which was published in The Journal of Applied Laboratory Medicine: https://doi.org/10.1093/jalm/jfaa180.

Dr. Herbie Duber is author on a paper titled Bringing a Health Systems Modelling Approach to Complex Evaluations: Multicountry Applications in HIV, TB and Malaria, which was published in BMJ Global Health: https://gh.bmj.com/content/5/11/e002441.

Dr. Herbie Duber is co-author on a paper titled Partnership and Participation—A Social Network Analysis of the 2017 Global Fund Application Process in the Democratic Republic of the Congo and Uganda, which was published in Annals
Dr. Kelli O’Laughlin is the author of two papers, 1) A Social-Ecological Framework to Understand Barriers to HIV Clinic Attendance in Nakivale Refugee Settlement in Uganda: a Qualitative Study (https://doi.org/10.1007/s10461-020-03102-x), and 2) A cohort study to assess a communication intervention to improve linkage to HIV care in Nakivale Refugee Settlement, Uganda (https://doi.org/10.1080/17441692.2020.1847310).

Dr. Jeremy Hess is the author on a paper titled Guidelines for Modeling and Reporting Health Effects of Climate Change Mitigation Actions, which was published in Environmental Health Perspectives: https://ehp.niehs.nih.gov/doi/full/10.1289/EHP6745.


Dr. Jeremy Hess is co-author on a paper titled Development of a Random Forest model for forecasting allergenic pollen in North America, which was published in Science of the Total Environment: https://www.sciencedirect.com/science/article/pii/S0048969721006586.

Dr. Jeremy Hess is the author on a paper titled Forecasting Airborne Pollen for Allergy Management for Contiguous United States, which was published in the Journal of Allergy and Clinical Immunology: https://doi.org/10.1016/j.jaci.2020.12.324.

Dr. Stephen Morris authored a book chapter titled Resilient Health System and Hospital Disaster Planning, which was published in Contemporary Developments and Perspectives in International Health Security - Volume 2: DOI: 10.5772/intechopen.95025.

Dr. Herbie Duber is co-author on a paper titled Lessons Learned From Implementing Prospective, Multicountry Mixed-Methods Evaluations for Gavi and the Global Fund which was published in Global Health, Science & Practice: https://pubmed.ncbi.nlm.nih.gov/33361241/.


Dr. Sachita Shah is co-author on a paper titled Effect of a labor triage checklist and ultrasound on obstetric referral at three primary health centers in Eastern Uganda, which was published in international journal of obstetrics and gynecology: https://doi.org/10.1002/ijgo.13420.

Dr. Shah is also co-author on another paper titled Midwife-performed checklist and ultrasound to identify obstetric conditions at labour triage in Uganda: A quasi-experimental study, which was published in the journal, Midwifery: https://www.sciencedirect.com/science/article/pii/S0266613821000280.