

Population Health Section – Newsletter

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Section Head Welcome

Dear Colleagues and Friends,

In this second edition of our quarterly newsletter, we are pleased to share with you some of the many accomplishments of our students, residents and faculty. The Section continues to expand its research, education and clinical missions. As part of our effort to expand inter-departmental research collaborations, Dr. Amber Sabbatini and Dr. Theresa Hoeft (Psychiatry), recently received a grant to examine the impact of primary care and behavioral health integration on acute care utilization as part of the Medicaid Transformation Project. Together with colleagues from Public Health - Seattle & King County, and [HealthierHere](#), this grant will serve as a blueprint for assessing the impact of innovative clinic care at the county level.

Our residents are also thriving. Graduating population health pathways residents, Drs. Rachel Harper and David Murphy, were wonderful ambassadors for UW EM in Kenya and the Dominican Republic. Current residents, Drs. Emily Bartlett and Callan Fockele, have already been incredibly successful in their early careers, and both received the GO Health Fellowship from the Department of Global Health to support their upcoming rotations in Guatemala and New Zealand, respectively. We can't wait to hear more about their work!

Our Section's one-year anniversary will be later this summer. It is amazing to see how much progress we have made, and more importantly, how much our students, residents, and faculty continually strive towards our mission of improving health. Enjoy this quarter's newsletter.

Sincerely,

Herbie Duber, MD, MPH

Head, Section of Population Health

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Dr. Herbie Duber
Section Head

News: Research/Grants/Publications

In conjunction with the UW EM Residency Program and the Diversity, Equity and Inclusion Committee, the Section co-hosted Paula Houston, Ed. D., UW Medicine Director of Healthcare Equity, and Patricia Dawson, M.D., Ph.D., FACS, UW Medicine Medical Director of Healthcare Equity for a Grand Rounds on “Advancing Healthcare Equity at UW Medicine.”

Kristin Scott, MPhil, PhD a visiting medical student from Harvard Medical School (mentor: Dr. **Herbie Duber**, Associate Professor) received an EMF/SAEMF Medical Student Research Grant to fund her project titled *Assessing Financial Risk among Uninsured Patients Seeking Emergency Medical Care*. Grant Award Timeline: July 1, 2019 – June 30, 2020.

Dr. **Herbie Duber**, Associate Professor, received funding from PHSKC through Gilead’s Frontlines of Communities in the United States (FOCUS) Program to support infrastructure to increase HIV and HCV testing in the ED.

Dr. **Amber Sabbatini**, Assistant Professor, and Dr. Theresa Hoeft (Assistant Professor, Psychiatry), were awarded a Pilot Research Grant from UW Population Health Initiative for the project titled: “Does access to federally qualified health centers with high levels of behavioral health integration impact ED and hospital use among Medicaid beneficiaries?”

Dr. **Lauren Whiteside**, Assistant Professor, received funding from SAMHSA/Washington State Health Care Authority (HCA) for the project titled “*Harborview Medical Center Opioid Treatment Network (OTN)*”.

Dr. **Jeremy Hess**, Associate Professor, was awarded a grant from the Wellcome Trust to evaluate heat action plan effectiveness. This work will help clarify which elements are most important for heat early warnings issued by the National Weather Service and action plans administered at the local level across the US.

Dr. **Jeremy Hess**, Associate Professor, published a number of studies, including:

[Assessment of extreme heat and hospitalizations to inform early warning systems](#) in *Proceedings of the National Academy of Sciences*, March 2019.

[Another piece of the puzzle: linking global environmental change, plant phenology, and health](#) in *The Lancet Planetary Health*, March 2019.

[Managed retreat as a strategy for climate change adaptation in small communities: public health implications](#) in *Climatic Change*, March 2019

[Paediatric window falls and interannual temperature variability in the Seattle metro area](#) in *Injury Prevention*, April 2019.

[Climate Change, Human Health, and Social Stability: Addressing Interlinkages](#) in *Environmental Health Perspectives*, April 2019.

[Dengue fever in Saudi Arabia: A review of environmental and population factors impacting emergence and spread](#) in *Travel Medicine and Infectious Disease*, April 2019.

Dr. **Scott Owens**, Senior Global and Rural EM Fellow, co-authored an abstract with South Sudanese clinical officers and doctors entitled, “*Clinical use of cardiopulmonary ultrasound to differentiate cardiac and respiratory pathologies in an MSF pediatric hospital in Aweil, South Sudan.*” This work was presented at [MSF’s Pediatric Days](#) in Stockholm, Sweden (April 2019).

Kirstin Scott, MPhil, PhD, (mentor: Dr. **Herbie Duber**, Associate Professor) gave a poster presentation at the [Academy Health Conference](#) in Washington, DC (June 2-4) entitled “*Estimating Spending on Emergency Medical Care in the United States by Health Condition and Drivers, 2006-2016.*” This work stems from The Institute for Health Metrics and Evaluation’s work on United States Disease Expenditure led by Dr. Joseph Dieleman.

Dr. **Herbie Duber**, Associate Professor, and colleagues received the [2019 HCUP Outstanding Article of the Year Award](#) for their article “[Improving Hospital Performance Rankings Using Discrete Patient Diagnoses for Risk Adjustment of Outcomes](#)” published in *Health Services Research*. The award was presented to first author, and UW MPH graduate (and current University of Pittsburgh medical student), Brendan DeCenso at the [AcademyHealth Conference](#) in Washington, DC (June 2019).

Dr. **Callan Fockele**, UW EM resident, co-authored the chapter [Social Determinants of Health](#) in the [Emergency Medicine Advocacy Handbook](#), a publication of the Emergency Medicine Residents' Association (EMRA).

Dr. **Sachita Shah**, Associate Professor, co-authored [Physician Workforce Partnerships in Rural American Indian/Alaska Native Communities and the Potential of Post-Graduate Fellowships](#) in the [Journal of Health Care for the Poor and Underserved](#), May 2019.

Dr. **Stephen Morris**, Assistant Professor, received funding from InBios/Biomedical Advanced Research and Development Authority (BARDA) for a clinical trial to study anthrax entitled “Evaluation of the Clinical Specificity of the Active Anthrax Detect™ Plus (AAD Plus) Lateral Flow Immunoassay (LFI).”

News: Fellows

Dr. **Scott Owens** (Senior Fellow) is our second graduate from the Global EM and Rural Health Fellowship. After completing his fellowship in Alaska, Dr. Owens will work at Alaska Native Medical Center and other sites within the tribal health consortium. He will split his time with [Doctors Without Borders](#), including a mission to Malaysia this summer.

Dr. **Daniel Ballew** completed the [Harvard Humanitarian Response](#) Certificate course this spring, and will transition into the international portion of his fellowship. Dr. Ballew will be providing emergency medicine training for the residency program at Cayetano Heredia University in Lima, Peru. He will teach emergency care and ultrasound skills to care providers.

News: Residents

Drs. **Rachel Harper** and **David Murphy** received their *Certificates of Pathway Completion* at graduation for their participation in the Population Health pathway.

Dr. Harper was the first EM resident to rotate through the UW affiliated site in Naivasha District Hospital in Kenya. As part of her rotation, Dr. Harper performed an emergency medicine needs assessment to inform future collaboration.

Dr. Murphy completed his international work in the Dominican Republic, working in an ED and ICU, conducting daily rounds in Spanish and using a Philips Lumify ultrasound to practice tele-ultrasound in real time.



Dr. Rachel Harper with colleagues in Naivasha, Kenya

Honors

Drs. **Callan Fockele** and **Emily Bartlett**, UW EM residents, received [UW Global Opportunities \(GO\) Health fellowship](#) awards for their planned global health work with mentors Dr. **Sachita Shah** and Dr. **Herbie Duber**. They plan to conduct their international rotations in New Zealand (Dr. Fockele) and Guatemala (Dr. Bartlett).

Dr. **Callan Fockele** received the honor of being selected to serve as a resident member of the *WA ACEP Board of Directors*. In this role, she will work with the Board on matters involving advocacy and legislation on a range of topics related to the practice of emergency medicine and the needs of the patients we serve.

Events of Interest

July 2-3 – Dr. **Chelsea Williams**, our incoming fellow for the *Global EM and Rural Health Fellowship*, will join us at UW for her Seattle orientation before heading up to Alaska.

July 9 – *Population Health Pizza Party* for **UW Emergency Medicine Interns** starting at 6:30 PM at Optimism Brewery. The interns will be headed to the pizza party after they finish a community service project at the DESC Evans House.

July 23 – Please join the **UW Medicine Healthcare Equity Book Club** to discuss the selected book for this quarter, [White Fragility: Why It's So Hard for White People to Talk About Racism](#). The UWM Healthcare Equity Book Club meets quarterly to discuss books selected by the Healthcare Equity team and others, covering themes related to advancing healthcare equity, as outlined in the [UW Medicine Healthcare Equity Blueprint](#). [Click here](#) for more information and to register.

August 2 - The 2nd Annual Seminar of **Global TB/HIV Research** will be held from 8:00am-4:30pm in Orin Smith Auditorium. Led by the UW's Tuberculosis Research and Training Center (TRTC), this seminar is intended for students, trainees, as well as experienced investigators who are new to the TB field. Topics will include clinical epidemiology, immunology, implementation science, and modeling research methods specific for TB and TB/HIV. [Click here to register](#). For more information and agenda details, please [visit the TRTC website](#).

Opportunities

[ITHS Research Innovation Award](#) - 2020-2021 RFA

Letter of Intent Deadline: July 15, 2019

Notice of Invitation to Apply: July 29, 2019

Application Deadline: August 30, 2019

[ITHS Collaboration Innovation Awards](#) - 2020-2021 RFA

Letter of Intent Deadline: July 15, 2019

Notice of Invitation to Apply: July 29, 2019

Application Deadline: August 30, 2019

[UW Royalty Research Fund \(RRF\)](#)

Application Deadline: Monday, September 30, 2019

[UW ADAI Small Grants Program](#)

Deadline: Wednesday October 15, 2019

[UW Global Innovation Fund \(GIF\)](#)

Application Deadline: November 1, 2019