



CGHSR Activity Update

July 1 to Dec 31, 2017

AHC Uganda Hub

Uganda Research Training (URTC) Collaborative

Four [URTC](#) teams continue to advance their work. A series of workshops and activities were conducted by CGHSR staff and other experts to support the development of research skills:

- *Focus Groups and Meet & Greet* - August 2017 - Focus groups to assess impact and identify program improvement strategies were conducted with each team and with all Ugandan mentors. Meet and greet hosted in Uganda for CGHSR staff, mentors and teams.
- *Study Design and Data Analysis Workshop* - September 2017 – Introduction to key concepts of study design and data analysis for students and trainees led by Kathy Huppler-Hullsiek, PhD (SPH Biostatistician) and Ananta Bangdiwala (Data Manager for Dr. Boulware’s studies).
- *Manuscript and Writing Workshop* - October 2017 - Basics of scientific writing and strategies for formulating papers conducted for URTC students and other graduate and postgraduate trainees.
- *Manuscript and Writing Workshop Part 2* - November 2017 - Basics of developing a manuscript for URTC students, junior researchers, and others.

Each of the URTC Teams has advanced their research:

- Team 1 began and completed data collection on their study “*A study to determine the prevalence of Mycobacterium Bovis in slaughtered cattle in the city abattoirs of Kampala, Uganda*” in August - October 2018. The team is awaiting lab testing before beginning data analysis and reporting findings.
- Team 2 has completed regulatory approvals on their study “*Lung function and quality of life of survivors of drug-resistant TB.*” They expect to begin enrolling patients in January 2018.
- Team 3 has completed regulatory approvals on their study “*Evaluating the first year of routine CRAg screening program in the reduction of HIV-associated cryptococcal meningitis.*” Their team has completed training of field assistants who will travel to clinics in Kampala and Masaka to survey clinical staff for the evaluation. Field work is scheduled for completion in March 2018.
- Team 4 has completed regulatory approvals on their study “*Effect of adherence and malnutrition on pharmacokinetics and virologic outcomes of atazanavir in HIV-infected adolescents.*” They expect to begin enrolling patients in January 2018.

AHC Global Health [Seed Grants](#): Research in Uganda

Kim Bonner, Public Health PhD student research assistant to the study “Uptake of and barriers to human papillomavirus (HPV) vaccination among adolescent girls in rural Uganda” led by Nicole Basta (PI) and Cecily Banura (Co-I) successfully published a commentary on their findings in the journal *Vaccine* entitled “[HPV vaccination strategies targeting hard-to-reach populations: Out of school girls in LMICs.](#)”

Early Childhood Mental Health Symposium - September 25, 2017 – Kampala Uganda

Conducted by Dr. Maria Kroupina, Medical School, Department of Pediatrics, in collaboration with Dr. Paul Bangirana, Makerere University, and in partnership with the AHC Uganda Hub and faculty from Makerere University's Department of Psychiatry. The symposium was attended by Makerere University faculty, clinicians, students, and researchers who are active in the field of pediatric mental health. The symposium was a first step for UMN and Makerere University faculty to plan joint research and training activities that aim to improve early childhood mental health and brain development through interventions with children and families. Featured talks included:

- "Rewarding steps in the development of Multi-disciplinary teams and services for child and adolescent mental Health in Uganda" by Dr. Godfrey Zari Rukundo, Mbarara University of Science and Technology, Dr. Joyce Nalugya, Makerere University and Dr. Alyson Hall, East-London-Butabika Link
- "Autism Spectrum Disorders: is early identification and intervention possible in low income countries (LIC)?" by Dr. Cathy Abbo, Makerere University.
- Dr. Kroupina also presented on her work, "Toxic Stress and Early Mental Health," and facilitated a roundtable on future research collaborations with Dr. Paul Bangirana, Department of Psychiatry

Uganda Visit – Oct 2017

Shailey Prasad visited the Uganda hub to meet with various Ugandan stakeholders, including leadership from across the health sciences at Makerere University, leadership at the Ugandan National Health Laboratory Service, and faculty members at Mbarara University of Science and Technology.

AHC Thailand/Southeast Asia Hub

Delegation to Visit Chiang Mai, Thailand - November 2017

AHC leaders visited Chiang Mai as part of strengthening and broadening collaboration with Chiang Mai University (CMU). UMN and CMU share long-standing interdisciplinary collaborations for research and education/training, undergirded by a master affiliation agreement that was signed in April 2016 by both universities' presidents.

Delegates included:

- Shailey Prasad, CGHSR Executive Director
- John Finnegan, SPH Dean
- Trevor Ames, CVM Dean
- Connie Delaney, SoN Dean
- Beth Virnig, SPH Senior Associate Dean
- Carolyn Porta, SoN Associate Professor & Director of Global Health

CGHSR was responsible for primary planning and coordination. Goals included informing the development of heightened collaboration with CMU as part of the AHC Thailand/Southeast Asia Hub; SPH research and education opportunities with the new CMU Faculty of Public Health; building on the USAID-funded One Health Workforce initiative successes and partnerships with Nursing, Veterinary Medicine, and Public Health; establishing and strengthening relationships between SoN and CMU Faculty of Nursing; and further advancing interprofessional collaborations. Delegates took part in multiple activities orchestrated by CMU International Relations Division.

Since the visit, the discussion has continued and CGHSR anticipates much opportunity to build on existing collaborations and expand UMN institutional commitments, leading to a broader regional strategy based on strong, mutually-beneficial partnerships.

China

AHC Global Health Seed Grants: Research in Guangxi, China

Four research projects in the areas of hepatitis B, longevity, and smoking prevention funded by 2016 [seed grants](#) have completed data collection and are analyzing data and developing manuscripts. The Research Program Coordinator based in Nanning is supporting project implementation and monitoring progress.

In September, CGHSR and Guangxi CDC announced a request for proposal for new research projects based in Guangxi Zhuang Autonomous Region, China. The goals of these seed grants are to seed new research studies by UMN faculty from the health sciences that have strong potential to attract future federal and national funding in the US and China and will result in publication and to support partnerships between UMN faculty and Guangxi CDC researchers.

Bilateral Visits

In July, Irina Stepanov (School of Public Health, Masonic Cancer Center) and Dorothy Hatsukami (Medical School, Masonic Cancer Center) visited Guangxi CDC to provide guidance on biological sample analysis and questionnaire data collection. In September, a delegation from Guangxi CDC visited UMN at the invitation of Dr. Brooks Jackson. The delegation met with 14 faculty members and students to discuss progress and future plans for the existing seed grant projects and potential areas for new collaborations. In November, CGHSR Executive Director Shailey Prasad visited Guangxi CDC and gave a talk on his research in health systems.

CGHSR provided logistical and financial support for two visiting scholars from the Guangxi CDC. Chao Wang worked in Dr. Guisheng Song's lab in the Medical School's Division of Gastroenterology Hepatology and Nutrition. Shujia Liang worked with Dr. Louis Mansky in the Medical School's Institute for Molecular Virology.

Additional Research Activities

CGHSR Faculty Travel Awards

To encourage international collaboration, CGHSR requested proposals for [travel awards](#) in September. Favored priorities included proposals and applicants that 1) include an interdisciplinary component; 2) have no prior travel to East Africa or Southeast Asia or to UMN for international colleagues; 3) have cultivated preliminary professional relationships in East Africa or Southeast Asia or any international location in the topic area of climate change and health; 4) demonstrated impact of proposed activities and connection to long-term goals; and 5) require travel to realize their goals. Eleven applications were submitted, and five were awarded for travel in 2017-2018.

Southeast Asia Faculty Travel Awards

- Andres Perez, Professor, Department of Veterinary Population Medicine, College of Veterinary Medicine: to host Tongkorn Meeyam from Veterinary Public Health Centre Asia-Pacific, Thailand
- Jameel Winter, Assistant Professor, Department of Pediatrics, Medical School: Cambodia

East Africa Faculty Travel Awards

- Keith Horvath, Associate Professor, Division of Epidemiology and Community Health, School of Public Health: Uganda
- Charles Salmen, Assistant Professor, Department of Family Medicine and Community Health, Medical School: to host Joel Oguta from Organic Health Response, Kenya
- Olihe Okoro, Assistant Professor, Department of Pharmacy Practice and Pharmaceutical Sciences, College of Pharmacy-Duluth: to host Tom Ngabirano from Makerere University Dept of Nursing, Uganda

International Researcher Series, Duluth – November 13, 2017

The Duluth Global Health Research Institute hosted CGHSR and UMN-TC staff for a Global Health Research Workshop. Topics included best practices for international research proposal development, special considerations for human subjects in international research, post-award and project management. The day also included presentations by UMD on their international research and opportunities for student involvement as well as one-on-one faculty consultations with presenters to discuss strategies for international research studies.

Quie & Peterson Global Health Lecture

On October 30, 2017, the [Quie & Peterson Global Health Lecture](#) was launched with Dr. Jonathan Patz, Director, Global Health Institute at the University of Wisconsin-Madison presenting “Confronting the Global Climate Crisis: Health Opportunity of the Century?” The event was held at the Weisman art Museum and attended by over 100 faculty, students, staff, and external persons. The event also marked the creation of the “Paul Quie and Phil Peterson Global Health Fund” which will support global health activities for faculty, staff, and students as well as the Lecture. As of year-end, the Fund held a balance just over \$18,000 with an additional \$37,000 pledged.

The event will be held annually each fall and serve as the premiere CGHSR networking and fundraising event. The 2017 theme, Climate Change & Health, was selected due to the personal interest of one of the event/fund namesakes, Phil Peterson. As part of the event and theme, CGHSR also convened a meeting with Dr. Patz together with 20 faculty, staff, and partners. Outputs of this meeting thus far are:

- Dissemination of key resources and initiatives connected to the topic of Climate Change & Health to the meeting participants/invitees
- CGHSR membership on a Climate Change Curriculum committee which is seeking to advance climate change content in AHC curriculum. (Chaired by Teddie Potter, School of Nursing.)

Student Programs & Opportunities

Global Health Case Competition

Recruitment of student participants, coaches, and judges was completed. Twelve team are scheduled to compete on Saturday, January 28th. The 65 total students involved represent 10 different schools within and beyond the Academic Health Center with 12 coaches from 8 different schools and institutes across the University. The case was selected (Growing Pains: Palliative Care in Indonesia and Papua New Guinea) and a panel of 8 judges has been recruited.

Global Health Day

The decision was made to split the annual Global Health Day into two separate events. The keynote speaker portion is now the Quie and Peterson Global Health Lecture occurring each fall. Global Health Day is moved to the spring semester (April 14, 2018) and will feature student poster session, student oral presentations, and a faculty showcase.

Global Health in a Local Context Course

CGHSR again partnered with the organization SocMed to offer the course "[Global Health in a Local Context: An experiential course on the social determinants, community engagement, and social action in Minnesota.](#)" The Fall semester course immersed students in the study of health equity, the social determinants of health, global health in a local setting, and community-based health initiatives. Lead faculty was Michael Westerhaus, Assistant Professor, Medical School; Adjunct Professor in the School of Public Health, who was joined by two "Community Faculty": Jennifer Hines (Medical Director, HealthPartners Midway Clinic) and Amy Finnegan (Chair, Justice and Peace Studies, University of St. Thomas; Co-Director of SocMed). Twenty-nine students completed the course. Of these, seven UMN students received PubH credit; four earned credit within the IMG Career Graduate Residency Preparation Program; 10 were health professionals from the community; and the remaining 8 were U of M students who chose not to earn academic credits. The partnership included a diverse group of organizations and individuals who served as guest lecturers and/or provided host sites in communities around the Twin Cities.

Mysore, India Course

The "[India: Global Health, Globalization, and Leadership Course](#)" was offered for the third time from Dec 26, 2017 to Jan 15, 2018. The course again was facilitated in partnership the organization Swami Vivekananda Youth Movement (SVYM) in Mysore, India. Minnesota based faculty was Shailey Prasad. Nine students participated, including five MPH students, two Medical Students, one Masters of Social Work student, and one PhD Student from the College of Education and Human Development.

Global Health Student Advisory Board (GHSAB)

The 2018-2018 [GHSAB](#) was established following an application process. Past board member Seojung Kang (College of Pharmacy) and Kaylin Pennington (Medical School) serve as co-chairs along with 13 members at large, with essentially equal representation across the six AHC schools. The board has established working groups around: sustainability, mission/vision, and establishing Campus Life Program status.

Fogarty Global Health Fellowships

Applications were due on October 21, 2017. Fellows for the 2018 - 2019 cohort will be announced in spring 2018.

International Organization for Migration (IOM) Collaboration

MN Leadership Training, Minneapolis – Sept 11 to 15, 2017

UMN hosted a delegation of 15 IOM physicians and medical officers from Sub-Saharan Africa to kick off the collaboration between UMN and IOM. The agenda included 3 days of leadership training provided by an external vendor, half day of clinical training provided by CDC staff, half day of clinical visits to the Center for International Health (CIH) in St Paul to meet with post-arrival clinicians (nurses and medical doctors), half day of presentations about post-arrival refugee health and processing by MN Department of Health staff, and a half day of meeting with UMN faculty to introduce them to the new collaboration between IOM and UMN.

Dar es Salaam, Tanzania Training – November 13 to 17, 2017

CGHSR facilitated the involvement of 14 trainers (7 UMN faculty; 6 MN-based practitioners; 1 Makerere faculty) to travel to Dar es Salaam, Tanzania to lead didactic presentations and hands-on workshops with approximately 100 physicians and nurses working with refugee populations in East Africa.

Name	Affiliation	Presentation Topic(s)
Bill Stauffer	UMN – Department of Medicine	Refugee Health
Stephen Dunlop	HCMC – Emergency Medicine	Aviation Medicine
Jose Debes	UMN - Gastroenterology	Hepatitis B
Cynthia Howard	UMN – Pediatrics	Child malnutrition and development
Troy Lund	UMN – Pediatrics	Hematology; Anemia; Sickle Cell management
Stephen Swanson	UMN – Pediatrics	Pediatric physical exam skills
Elizabeth Kiboneka	Makerere – Pediatrics	Malnutrition diagnosis and treatment
Scott Homler	UMN – Translating and Interpreting	Skills for working with interpreters
Georgi Kroupin	CIH – Psychology	Mental health in refugees
Alexia Knapp	Health Partners Dermatology	Dermatology
Sarah Hoffman	UMN – School of Nursing	Nurse training assessment
Ellen Frerich	MN Dept of Health	Nurse training assessment (listening sessions in Dar and in Kigoma refugee camp)
Fowsia Musse	CIH – Nurse	Physical exam skills workshop
Chris May	CIH – Nurse	Physical exam skills workshop

Arusha, Tanzania Training - December 11-15, 2017

CGHSR facilitated the involvement of 6 trainers (3 UMN faculty; 3 MN-based practitioners) to travel to Arusha, Tanzania to lead hands-on workshops with approximately 20 physicians, nurses, and IOM medical escorts working with refugee populations in East Africa.

Name	Affiliation	Presentation Topic(s)
Bill Stauffer	UMN – Department of Medicine	Refugee Health/CALS training
Stephen Dunlop	HCMC – Emergency Medicine	Aviation Medicine/CALS training
Hope Pogemiller	HCMC – Medicine	Physical Exam Skills
Andrew Olson	UMN – Department of Medicine	Physical Exam Skills – pulmonary health
James Nixon	UMN – Department of Medicine	Physical Exam Skills
Becky von Bank	Alina Hospital Nurse	CALS training

Kigoma, Tanzania Pediatric Health Assessments

CGHSR with support from the Uganda Hub recruited and facilitated the involvement of Dr. Victor Musiime from Makerere University (Peds ID – HIV specialist) to provide specialty assessment and expertise to Kigoma physicians screening pediatric refugee patients prior to departure.

Other Activities

CGHSR co-sponsored the following events:

- Sept 20, 2017, “Past, Present and Future of Healthcare in Venezuela,” Flor Ledesma, MD, PhD, Universidad del Zulia, Maracaibo, Venezuela
- Dec 14, 2017, “Food Safety Practices in Myanmar,” Dr. Soe Soe Than, visiting Fulbright Scholar. Cosponsored with School of Public Health Department of Environmental Health Sciences and Global Programs and Strategy Alliance.
- Dec 14, 2017, “Food Safety and Science: Practices in Myanmar and the Role of the University of Yangon,” Dr. Soe Soe Than, visiting Fulbright Scholar. Cosponsored with CFANS Department of Food Science and Nutrition, Institute on the Environment, UMN Extension Global Initiatives, and Global Programs and Strategy Alliance.

The following individuals and delegations were hosted:

- Dr. Aparna Narayana, Associate Dean of Research and International Collaborations, Manipal College of Dental Science; Professor, Department of Prosthodontics, Sept 6-7, 2017
- Delegation from Universidad Nacional Mayor de San Marcos, Peru, Oct 16-18, 2017:
 - Dr. Elizabeth Canales, Vice Chancellor of Undergraduate
 - Dr. Doris Huerta, Professor and Researcher of Biochemistry at the Faculty of Medicine
 - Dr. Javier Vargas, Head of the Telemedicine Unit, Faculty of Medicine and the Simulation Center

Other CGHSR Updates

Human Resources Update

Erin Mann, Global Collaborations Coordinator, CGHSR

The search for this new full time CGHSR position was completed. Erin joins CGHSR on January 8 with an MPH in International Health and Epidemiology from Boston University and University of Minnesota experience in the Food Protection and Defense Institute (FPDI) and the SPH Research Data Assistance Center. While at FPDI, Erin managed projects related to public health emergency preparedness and response, medical supply chains, and bio-surveillance. Erin will coordinate the International Organization for Migration (IOM) collaboration to facilitate capacity building and assist health management of US-bound refugees. She will also manage the AHC Thailand/SE Asia Hub which looks to expand to a regional nexus offering resources, networks, and infrastructure for faculty and student activity.

Kathleen "Katy" Griffin, Chief Development Officer, Academic Health Center

Katy began her position at the AHC on Nov 30 where she supports CGHSR and four other AHC units. She works closely with the University of Minnesota Foundation and will work with CGHSR to advance, enhance and diversify a fundraising strategy for CGHSR.

Maria Sol Perez Aguirreburualde, Research Development Manager for Ibero-America, Center for Animal Health & Food Safety (CAHFS), College of Veterinary Medicine

Sol joins CGHSR one day a week through an arrangement with CAHFS, where she is a postdoctoral researcher working on capacity-building and partnership development in Iberoamerica. She earned her PhD in Veterinary Sciences at the University of Buenos Aires, where she served as an assistant professor. Sol is working with CGHSR to explore Latin America strategy across the AHC, including expanding engagement and building on existing partnerships to address capacity-building, education, and research priorities.

Global health Leadership Council

Together with two new co-chairs, CGHSR recruited representatives for the reconstituted Global Health Leadership Council in Summer 2017:

- Co-chair: Katey Pelican, Associate Professor, College of Veterinary Medicine, and Deputy Director/PI, US AID One Health Workforce Project;
- Co-Chair: Carolyn Porta, Associate Professor and Director of Global Health, School of Nursing,
- Karin Hamilton, College of Veterinary Medicine
- Jason Varin, College of Pharmacy
- Karin Quick, School of Dentistry
- Cindy Howard, Medical School
- Zobeida Bonilla, School of Public Health
- Susan Craddock, Center for Bioethics
- Tricia Todd, Health Careers Center
- Molly Portz, Global Programs and Strategy Alliance
- Seojung Kang, Global Health Student Advisory Board Rep
- Kaylin Pennington, Global Health Student Advisory Board Rep

The Council held its first two meetings in October and November, with targeted, productive discussion and strategizing around the Council's role, CGHSR priorities, and broader global health synergy and opportunities across the UMN.