

**Kamonthip June Homdayjanakul, DrPH**  
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**SUMMARY/SKILLS**

Public health professional with global health experience in academic, nonprofit, defense, and federal public health work environments. Skilled at study management through experience in coordinating and monitoring multi-country research sites. Experienced in conducting community needs assessments and developing questionnaires, working collaboratively with community partners. Skilled in building and establishing strong cross-cultural working relationships through interfacing with community partners, academics, research staff, industry partners from various communities and across countries. Adept at writing memorandums, correspondence, statements of work, and proposals through preparing technical reports, summaries, protocols and other communications to support outputs.

**EDUCATION**

- DrPH in Community and Behavioral Health (minor in Epidemiology) – Colorado School of Public Health, University of Colorado Anschutz Medical Campus – 2023
  - Dissertation topic: Trust in and Trustworthiness of Public Health Authorities
  - Outstanding Contribution by Student Award, Colorado School of Public Health
  - Outstanding Student Service Award, Community and Behavioral Health, Colorado School of Public Health
  - Diversity, Equity, and Inclusion Scholarship Recipient
- MPH in Global Health and Health Disparities – Colorado School of Public Health, Colorado State University – 2015
  - Outstanding Contribution by Student Award, Colorado School of Public Health
  - Delta Omega National Honorary Society in Public Health Inductee, Alpha Upsilon Chapter
- BA, International Affairs and Global Health Science - Metropolitan State University of Denver – 2014
  - Delegation Advisor, Model United Nations of the Far West, 2013
  - University Delegate, Model United Nations of the Far West, 2012
  - Pi Sigma Alpha National Honorary Society in Political Science Inductee

**TEACHING EXPERIENCE**

July 2019 – May 2022 (2 years, 10 months) Colorado School of Public Health, Aurora, CO

**Title:** *Teaching Assistant (for MPH students)* | Part-time

- HSMP 6602: Health Equity
- CBHS 6611: Foundations of Health Behavior
- CBHS 6612: Methods in Research and Evaluation
- CBHS 6619: Public Health in the Global Community

**PUBLIC HEALTH RESEARCH AND PRACTICE EXPERIENCE**

March 2021 – Present (2 years 3 months) Rocky Mountain Prevention Research Center, Colorado School of Public Health, Aurora, CO

**Title:** *Senior Professional Research Assistant* | Part-time

**Duties:**

- Serve as the liaison between research coordinators at external participating sites, including three health care systems and the Colorado Immunization Information System
- Oversee the secure transfer of data, mail and email contacts with study participants, and payment of incentives
- Collaborate with the external survey center to establish and monitor quality of data collection, including telephone and internet survey protocols
- Monitor quality of datasets
- Establish and implement training protocols for telephone interviewing staff
- Arrange and oversee technical assistance for participating medical sites

- Investigate alternative sources of data that could be used to estimate immunization rates nationally, including assessing coverage and quality of data sources
- Write reports and publishable manuscripts
- Develop and manage IRB applications and approvals
- Develop and manage agreements between study sites, including data use agreements

April 2022 – September 2022 (5 months) United Nations Foundation, Washington, DC

**Title:** *Intern, Global Health* | Part-time

**Duties:**

- Supported the United Nations Foundation’s global health team and Pandemic Preparedness and Response Hub by drafting policy briefs, tracking meetings and events, and other duties toward pandemic prevention, preparedness, and response.
- Drafted and sent out weekly COVID-19 global health updates to over 160 internal and external recipients, with minimal supervision.
- Conducted research, analyzed data, and reported results in contribution towards the Independent Panel for Pandemic Preparedness and Response’s one-year report on the progress made toward global readiness for the next pandemic and lessons learned from the global COVID-19 response.

December 2019 – September 2020 (10 months) Center for Global Health at the Colorado School of Public Health, Aurora, CO

**Title:** *Senior Professional Research Assistant* | Part-time

**Duties:**

- Coordinated, managed and provided support for multi-site infectious disease research projects across multiple countries and regions
- Support COVID-19 research for the WHO COVID-19 Working Group on novel decontamination methods for PPE for health care workers
- Led the COVID-19 diagnostics comparative study to compare and contrast point-of-care diagnostics for the detection of SARS-CoV-2
- Developed, and updated multiple research documents including all regulatory submissions and reporting
- Served as the point of contact for study partners and send weekly project reports
- Planned and led strategic planning meetings with study partners and funder

January 2016 – August 2019 (3 years, 9 months) Henry M. Jackson Foundation at Naval Health Research Center, San Diego, CA

**Title:** *Clinical Research Coordinator, Operational Infectious Diseases Directorate* | Full-time

**Duties:**

- Awarded the Superior Performance Award, Naval Health Research Center, 2017
- Served as the operational lead on point-of-care diagnostics field demonstration study in Peru, Thailand, Australia, Sierra Leone, and Madagascar.
- Served as research coordinator for the laboratory testing of CDC Border Infectious Disease Surveillance (BIDS) program’s California clinics along the U.S.-Mexico border that focused on detection of respiratory infectious diseases. Worked closely with marginalized communities on both sides of the border in order to build disease surveillance capacity in a community-engaged and sustainable way.
- Employed field experience in global infectious disease epidemiology and community-based research for global health, including the reporting of data to partners at local, state, and national public health agencies.
- Responded to infectious disease outbreaks in local military populations to include sample collection and coordination.
- Monitored and evaluated the conduct, collection, and progress of research at international study sites. Ensure that research is conducted in compliance with the study protocol as well as federal, state and institutional guidelines and regulations (including good clinical practice and ethical standards).
- Acted as liaison between the Contracting Research Organization, Sponsor, and study staff at collection sites. Provided support for and address any issues that arise.
- Prepared periodic and ad-hoc reports as required by investigators, funding agencies, and/or regulatory bodies.

- Developed and fostered relationships with key contacts that included civilian and military personnel, study sponsors, local and international partners, and academics.

January 2015 - December 2015 (11 months) CSU Health Network, Fort Collins, CO

**Title:** *Program Assistant for Mental Health Initiatives* | Part-time

**Duties:**

- Promoted mental health initiatives for the network including suicide prevention, stress management, and self-care programs.
- Facilitated the campus' suicide prevention program.
- Coordinated and maintained stakeholder and campus community relationships to establish partnerships and collaboration.
- Evaluated and improved the suicide prevention intervention program for the CSU campus.
- Prepared program quality improvement reports for stakeholders.
- Utilized qualitative research skills and acted as assistant moderator for health network service utilization focus groups focusing on racial health disparities.

May 2015 - July 2015 (3 months) WHO Thailand Country Office & WHO-CC for Research and Training on Viral Zoonoses, Chulalongkorn University Faculty of Medicine, Bangkok, Thailand

**Title:** *Graduate Research Assistant* | Full-time

**Duties:**

- Analyzed survey research data for NiV-CoV community education efforts.
- Collaborated with community health volunteers in Chonburi province to improve a NiV-Cov survey and intervention.
- Evaluated the NiV-CoV community education program to assess gains in knowledge in the community health volunteer cohorts for the MPH capstone project.
- Reviewed and edited research manuscripts in preparation for publication.
- Developed the concept note and abstract for the Center's successful application for the NCI-USAID Implementation Science Master Course.
- Conducted field site visits for various research projects.
- Supported the country response to and assisted with the sample processing of the first MERS-CoV case in Thailand.
- Assisted with literature reviews for the Center's research projects.

April 2012 - July 2014 (2 years, 3 months) Center for Advancing Professional Excellence, Aurora, CO

**Title:** *Student Assistant* | Part-time

**Duties:**

- Supported clinical assessment sessions of health professional students enrolled at the University of Colorado Anschutz Medical Campus.
- Proctored examinations of professional students in a mock clinical environment.
- Trained as a stand-in standardized patient for certain examination cases. Evaluated medical students on patient interaction and care, to include communication, patient agency, and trust-building.
- Trained new proctor and student position hires in best practices at the Center.
- Worked with multiple stakeholders such as staff, faculty, students, and private organizations in order to ensure a smooth and efficient operation.

January 2014 - June 2014 (6 months) Center for Public Health Practice, Aurora, CO

**Title:** *Program Planning Intern* | Part-time

**Duties:**

- Assisted with the planning and implementation of the Marijuana and Public Health Symposium, targeted at public health professionals and the public.
- Contributed to Center's successful CEPH reaccreditation process by conducting and reporting the results of key informant interviews.
- Analyzed training evaluation results to improve trainings conducted by staff.
- Collaborated with state and regional public health partners in order to implement grant writing trainings throughout the state of Colorado.

## **PRESENTATIONS/INVITED TALKS**

Homdayjanakul, K. "Vaccine Hesitancy". Colorado Arts and Education Network. May 2021.

Homdayjanakul, K. "Structural Racism Townhall". Panelist, Colorado School of Public Health. July 2021.

Homdayjanakul, K. "Vector-borne Diseases and Global Health". MPH Public Health in the Global Community course guest lecturer, Colorado School of Public Health. February 2022, July 2022, March 2023.

Homdayjanakul, K. "Role of Allyship for Black, Indigenous, and People of Color". MPH Health Equity course guest lecturer, Colorado School of Public Health. December 2020.

Homdayjanakul, K., Zarella, O. "Public Health Workshop". Medical Career Collaborative, Denver Health. December 2020.

Homdayjanakul, K. "Global Public Health". Guest speaker, STEM Career Pathways. Aurora Public Schools. September 2020.

Homdayjanakul, K., Lin, Y. L. "Human Factors in a Pandemic". Stanford Anesthesia Summer Institute, Stanford University. July 2020.

## **PUBLISHED WORKS**

Johnson Sirleaf, E., Clark, H., Cárdenas, M., Dybul, M., Kazatchkine, M., Liu, J., Miliband, D., Obaid, T., Sudan, P., Zedillo, E., Alakija, A., D'Auterive, N., Dodson, K., **Homdayjanakul, K.**, McLaughlin, D., Moss, M., Mundaca Shah, C., Rabbitt, M., Radin, E., Reynolds, C., Lerner, A., Rottengen, J-A., Shakfeh, N., Torreele, E., (2022). (rep.). *Transforming or Tinkering? Inaction now lays the groundwork for the next pandemic*. The Independent Panel for Pandemic Preparedness, Prevention, and Response. Retrieved from [https://theindependentpanel.org/wp-content/uploads/2022/05/Transforming-or-tinkering\\_Report\\_Final.pdf](https://theindependentpanel.org/wp-content/uploads/2022/05/Transforming-or-tinkering_Report_Final.pdf).

Boland S, **Homdayjanakul K**, Reed N, Wesner C, Basha E, Kaufman C, Jackson L, James K. Addressing the cycle of inaction: a DrPH student perspective on the decolonization of public health. *HPHR*. 2021;35.

Lendvay, T., Chen, J., Harcourt, B., Scholte, F., Kilinc-Balci, F., Lin, Y., **Homdayjanakul, K.**,...Chu, M. (2020, December 01). Addressing personal protective equipment (PPE) decontamination: Methylene blue and light inactivates sars-cov-2 on n95 respirators and masks with maintenance of integrity and fit. Retrieved from <https://www.medrxiv.org/content/10.1101/2020.12.11.20236919v2>

Mulvaney, S., Fitzgerald, L., Hamdan, L., Ringeisen, B., Petersen, E., Compton, J., McAuliff, N., Leski, T., Taitt, C., Stenger, D., Myers, C., Hansen, E., **Homdayjanakul, K.**, Ricketts, M., Hoegberg, C., Ansumana, R., Lamin, J., Bangura, U., Limmathurotsakul, L., Wongsuvan, G., Hantrakun, V., Wacharapluesadee, S., Mungaomklang, A., Putcharoen, O., Yatoom, P., Kruthakool, K., Hontz, R., Mores, C., Siles, C., Morrison, A., Jacobsen, K., Quinn, K., Blutman, J., Amariei, F., Hannan, J. *Rapid Design and Fielding of Diagnostic Technologies in Sierra Leone, Thailand, and Peru for Real Time Surveillance: Successes and Challenges Faced Introducing Four Devices*. 2018. *Journal of Sensing and Biosensing Research*.

## **POSTER PRESENTATIONS**

**Homdayjanakul, K.**, Dinger, M., Ma, Ming, Brooks-Russell, A. (2021). "Exploring the Impact of COVID-19 and Racism on High School Youth in Colorado." Accepted to Public Health in the Rockies Conference for 2021 meeting.

Kammerer, P., Kriner, P., Fierro, M., Fabian, E.R., **Homdayjanakul, K.**, Hawksworth, A.W., Graf, P.C., Myers, C.A. "Respiratory Disease Surveillance on the U.S.- Mexico Border, 2016-2017." International Congress on Emerging Infectious Diseases, Omni Hotel, Atlanta, GA. Poster presentation on 28 August 2018.

**Homdayjanakul, K.** "Nipah Virus in Thailand: Risk and Prevention". Colorado School of Public Health, Colorado State University, 2015. MPH Capstone Presentation and Poster.

## **SERVICE**

Steering Committee member, Aurora Asian Pacific Community Partnership, 2021-Current

Colorado AANHPI Action Coalition, 2020-Current

Anti-Racism Committee member, Dept. of Community & Behavioral Health, Colorado School of Public Health, 2020-2023