

KARINA S. DESCARTIN, MD, MS, MPH, DIMPH, FRSPH

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EDUCATION AND TRAINING

- 2020 Diploma in International Medicine & Public Health (DIMPH)
Institute for International Medicine, Kansas City, MO [Cert. 03/11/2019-05/26/2019; Dip. 03/11/2020]; Hofstra Northwell School of Medicine/Jewish Long Island Medical Center, Long Island, NY [Cert. 05/25/2019-05/26/2019]; and Kiwoko Hospital, Uganda, East Africa [10/16/2019-11/15/2019]
- 2015 Master of Public Health (MPH) in Global Health
Wright State University-Boonshoft School of Medicine, Center for Global Health, Dayton, OH
- 2013 Master of Science (MS) in Aerospace Medicine/*Occupational Medicine*
Wright State University-Boonshoft School of Medicine, Dayton, OH
- 2013 Aerospace Medicine and Physiology Experiential Laboratory Training for Aerospace Physicians
National Aerospace Training and Research (NASTAR) Center and WSU Aerospace Medicine Program, Southampton, PA
- 2010 Physician Clinical Training and Certification, Preventive and Age Management Medicine
Cenegenics Medical Institute, Las Vegas, NV
- 2005 Postgraduate Rotating General Medical Internship (PGI)
Silliman University Medical Center, Dumaguete City, Philippines
- 2003 Doctor of Medicine (MD)
Gullas College of Medicine, University of the Visayas, Mandaue City, Cebu, Philippines
- 1997 Bachelor of Science (BS) in Public Health
University of the Philippines Manila, Manila, Philippines

PROFESSIONAL EXPERIENCE

- 2021 – Present Senior Project Manager and Lead Preventionist, Rhode Island Department of Health (RIDOH), on behalf of HCH Enterprises, LLC, Warwick, RI
- Lead preventionist and program manager for Project Firstline Rhode Island (CDC's national infection prevention and control training collaborative)
 - Design, develop, and deliver infection prevention training to develop in-house capacity and subject matter expertise of new staff as infection prevention training liaisons.
 - Provide full cycle project management; infection prevention team leadership and mentoring; multilevel coordination and implementation of work plan; hiring, training, direct management, and development of new infection prevention staff and public health scholars from various competency levels.
 - Other activities—health equity trainer in-training; CDC Firstline curriculum trainer.
- 2021 – Present Member, Emergency Response Global Roster, Americares, Stamford, CT
- On-call to deploy and to provide essential health services in disaster-affected communities with medical, logistical, and programmatic support teams post-disaster.
- 2020 – 2021 COVID-19 Corps Emergency Response Preventionist, CDC Foundation, Inc., Atlanta, GA
- Surge staff (Response Crisis and Preparedness Unit) support to the CDC, on assignment in the State of Rhode Island Department of Health (RIDOH) in Providence, RI. *Grant funding: 10/13/2020 to 03/31/2021*
 - Provided infection prevention and control specialist support to the COVID-19 Unit Epidemiological Operations.
 - Provided consultations to and guidance for various high-need healthcare facilities requesting infection prevention and control (IPC) support via the COVID-19 response unit's specialty teams, including administration of COVID-targeted assessments, on-site visits, safety rounds, leadership

	<p>and champion advisory, designing train-the-trainer approach on PPE and other IPC-related education reinforcement; and customizing IPC solutions as needed.</p> <ul style="list-style-type: none"> • Provided ad hoc case investigations involving COVID-19 positive healthcare providers and provide CDC/RIDOH guidance regarding isolation, quarantine, return-to-work, and IPC via the COVID-19 response unit's healthcare team. • As interim program manager for Project Firstline, led work plan implementation activities.
2019 – Present	<p>Founder and Executive Director, Health Diplomat, Inc., Jacksonville, FL</p> <ul style="list-style-type: none"> • Conceptualized and founded a nonprofit organization focused on global health, international medicine, humanitarian response, and human development [EIN 84-3717674]. • Health Diplomat collaborates with humanitarian, interfaith, interdisciplinary, international, multilateral, and development entities to empower individuals and communities—especially the vulnerable, the displaced, and the underserved in low- to middle-income countries and in disaster environments.
2019 – Present	<p>Adjunct Professor in Epidemiology, Graduate Program in Healthcare Quality and Patient Safety, Jacksonville University-Brooks Rehabilitation College of Healthcare Sciences, Jacksonville, FL</p> <ul style="list-style-type: none"> • Developed course content, designed CAHME competency-based course module, and teach the following courses for an accredited graduate program in Healthcare Quality and Patient Safety: HQS 525 Epidemiology.
2016 – 2019	<p>Quality Measures, Abstraction and Analytics, Quality Management, University of Florida Health, Jacksonville, FL</p> <ul style="list-style-type: none"> • Reviewed, monitored, and analyzed data, policy, process, and other information relating to patient care and physician performance for outcomes measurement, quality improvement, and care system strengthening in an academic medical center. • Performed clinical quality reviews, mortality reviews, physician reappointment and ongoing professional practice evaluation reports, computerized physician order entry testing lead coordination and multidisciplinary team facilitation, outcomes measures abstraction, analysis, and monitoring. • Participated in care quality and patient safety outcomes improvement initiatives. • Provided decision support for leadership which includes medical writing, organizational opinion writing, oral and visual presentations, quality survey and assessment lead coordination and facilitation, disease surveillance, applied epidemiology, research, and population health principles.
6/2015 & 4/2016	<p>Faculty, Military Medical Humanitarian Assistance Course (MMHAC), Wright-Patterson Air Force Base Medical Center, Dayton, OH</p> <ul style="list-style-type: none"> • Taught the NGO section of the Military Medical Humanitarian Assistance course to US military physicians. • Provided an overview of working relationships of military medical humanitarian ground responders with civilian NGOs, IOs, US/international governments, coordinating agencies, and other entities. • Co-facilitated course delivery with US military (Army and Air Force) physician faculty team.
2014 – 2015	<p>Graduate Researcher, Master of Public Health in Global Health, Wright State University-Boonshoft School of Medicine, Dayton, OH</p> <ul style="list-style-type: none"> • Conducted research focused on a portfolio of 11 low- to middle-income countries in GBD Southeast Asia to analyze the burden of a non-communicable disease (diabetes) and its relation to social, economic, environmental, behavioral, and health risk factors. • Countries studied were Cambodia, Indonesia, Laos, Malaysia, Maldives, Myanmar, Philippines, Sri Lanka, Thailand, Timor-Leste, and Vietnam. • Presented research findings at major public health conferences.

6/2014 – 8/2014	<p>Global Health Practice Placement, Clalit Health Services, Haifa, Israel</p> <ul style="list-style-type: none"> • Completed a health system practicum, MCO multi-facility observations, and multi-provider/staff interviews to examine Israel's universal, community-based health care system. • Completed a global public health leadership program at the University of Haifa conducted by the University of Georgia – Athens Center for Global Health.
2013 – 2014	<p>Research Assistant, Center for Global Health, Wright State University-Boonshoft School of Medicine, Dayton, OH</p> <ul style="list-style-type: none"> • Gathered and analyzed data for the Ohio Smarter Lunchrooms – Plate Waste Project. • Collaborated with team to implement interventions. • Wrote success stories about two participating middle schools for the federal Smarter Lunchrooms project.
2010 – 2012	<p>Institute Physician, Practice Development (Independent Contract Position), Cenegenics Medical Institute, Las Vegas, NV and Houston, TX</p> <ul style="list-style-type: none"> • Performed one-on-one consultations for patients of private, preventive medicine institute partnered with concierge practices in 22 cities across the United States. • Provided consultations to and educated patients on evidence-based preventive medical protocols. • Completed postdoctoral clinical training and certification in preventive and age management medicine.
2008 – 2009	<p>Adjunct Professor, Life Sciences, LSC-Cypress Fairbanks, Cypress, TX</p> <ul style="list-style-type: none"> • Taught biology course and associated lab to a culturally and demographically diverse undergraduate population. • Trained and supervised students in the laboratory.
2005/6 – Present	<p>Physician-General Practitioner, Global Non-Governmental Organizations (NGO) and Independent Outpatient or Mobile Clinics, Global</p> <ul style="list-style-type: none"> • Provide outpatient medical care, health education, and humanitarian medical support for NGO medical missions in communities and locations with underserved and displaced populations; independent medical practitioner; third party project observer • Missions completed: Camp Moria, Lesbos, Greece; Nakivale Refugee Settlement, Nakivale, Uganda (invited observer); Kiwoko Hospital and Kiwoko Community Health, Kiwoko, Uganda (international medicine rotation-practitioner); Cabarete, Dominican Republic, Cambodia (various locations); Peru (various locations); China (various locations); Philippines (various locations) • Select nonprofits and NGOs for missions completed: Silliman University Medical Center Foundation (Philippines); Rotary Club of Sibulan (Philippines); Kong Hua School Alumni Association (Philippines); Health Teams International (Canada); Rural Amazonian Health Initiative (USA); MedGlobal (USA); Kitirinos Healthcare (UK) • Currently in roster: Americares (USA); NYC Medics (USA)

PRESENTATIONS, PUBLICATIONS, AND RESEARCH

- **Descartin, K.S.** (2019). *Social Determinants of Health and Quality of Care* [Invited Speaker]. Northeast Florida Association for Healthcare Quality Meeting, UF Health Jacksonville. 16 May. Jacksonville, FL.
- **Descartin, K.S.,** Redko, C., Khalil, N. (2015). *Global Burden of Disease: Diabetes Burden and its Relation to Socioeconomic, Environmental, Behavioral, and Health Risk Factors in Low- to Middle-Income Southeast Asia* [Poster]. 7th Annual Consortium of Universities for Global Health Conference. 9 April 2016. San Francisco, CA.
- **Descartin, K.S.,** Redko, C., Khalil, N., Rogers, N. (2015). *Global Burden of Disease: Impact of Diabetes Mellitus and Physical Inactivity in Southeast Asia* [Oral: MPH Student Research, 3rd Place]. Ohio Public Health Combined Conference "A Culture of Health: Learn from the Past – Build for the Future Together." 19 May. Columbus, OH.
- **Descartin, K.S.,** Watkins S.D. (2010). *Exploring the Currents of Telemedicine* [Oral Presentation of Aerospace Medicine Research Rotation Project: Technical]. Wyle Space Medicine/NASA-Johnson Space Center Campus. 19 February. Houston, TX.
- **Descartin, K.S.,** Redko, C., Khalil, N. (2015). *Global Burden of Disease: Diabetes Burden and Its Relation to Socioeconomic, Environmental, Behavioral, and Health Risk Factors in Low- to Middle-Income Southeast Asia*. Core Scholar: MPH Program Student Publications. Wright State University, Dayton, OH.

- **Descartin, K.S.**, Menger, R.P., Watkins, S.D. (2015). *Application of Advances in Telemedicine for Long-Duration Space Flight* [TM-2015-218562 at JSC Technical Reports Server]. NASA Johnson Space Center, Houston, TX.
- *Voluntarism in Action: An Anthology* (Book Volume 1). Manila, Philippines: Ugnayan ng Pahinungod, Manila, 1997 (Contributor).

FELLOWSHIPS, LICENSURES, AND CERTIFICATIONS

- Fellow, Public Health, 2019 - Present
Royal Society of Public Health, United Kingdom/International
- Physician Licensure, General Medicine (Active, Unrestricted, Good Standing #107475 9/2022), 2006 - Present
Board of Medicine, Professional Regulations Commission, Republic of the Philippines
- House Physician Registration (Eligible, N/A outside of FL #35762), 2020
Board of Medicine, State of Florida, 2020
- Certificate, CDC IPC 101, CDC – Remote and Live, 5/2021
- Certificate, COVID-19 Corps Emergency Response Training, CDC Foundation – Remote, 10/2020
- Certificate, Infection Prevention and Control for COVID-19, Antimicrobial Stewardship, and Clinical Care Severe Acute Respiratory Infection COVID-19 – World Health Organization OpenWHO, Remote 05/2020, 08/2020, and 09/2020
- Certificate, COVID-19 Contact Tracing – Johns Hopkins Bloomberg School of Public Health Coursera, Remote, 09/2020
- Certificate, Basic Life Support (BLS), Advanced Cardiac Life Support (ACLS), Pediatric Advanced Life Support (PALS), and *Advanced Trauma Life Support (ATLS)* – Advanced Cardiac Training, Jacksonville Beach, FL and UF Health, Jacksonville, FL, 09/19/2019 - Present, 10/10/2019 - Present, 12/02/2019 - Present, and TBD
- Certificate, Humanitarian Response and Complex Humanitarian Emergencies – Humanitarian Academy at Harvard University DisasterReady, Remote, 2019
- Certificate, Ultrasound for Primary Care (Point of Care Ultrasound) – Institute for International Medicine, Kansas City, MO, 2018
- Certificate, Analyst Program (Clinical Database) – Vizient, Inc., Chicago, IL, 2018
- Certificate, Lean Six Sigma Yellow Belt *Advanced* – Sterling Institute and University of Florida Health Jacksonville, Jacksonville, FL, 2017
- Certificate, Military Medical Humanitarian Assistance Course – Uniformed Services University of the Health Sciences-Center for Disaster and Humanitarian Assistance Medicine, Wright Patterson AFB Medical Center, Dayton, OH, 2015
- Certificate, Global Health Leadership Program and Practice Placement – University of Georgia and University of Haifa, Haifa, Israel, 2014

MEMBERSHIPS, AFFILIATIONS, AND SERVICE

- Philippine COVID-19 Living Clinical Practice Guidelines (CPG) Panel – *Philippines*
Consensus Panel Member – Vaccines and Prophylactics, February-May 2021
- Association for Professionals in Infection Control and Epidemiology (APIC) – *New England/USA*
Member, 2021-present
- Southern Legal Counsel, Inc. (SLC) – *Florida, USA*
Board of Directors, 2021-present
- Royal Society for Public Health (RSPH) – *UK/Global*
Fellow, 2019-present
- World Medical Association (WMA) – *Global*
Associate Member, 2019-present
- Philippine Society of Public Health Physicians (PSPHP) – *Philippines*
Member, 2019-present
TBD Member – Technical and Policy Committee, 2021-present
- United Nations Association-USA (UNA-USA) Jacksonville Chapter – *Florida, USA*
Chair – Women's Committee, 2019-present
- Northeast Florida Association for Healthcare Quality (NFAHQ) – *Florida, USA*
Chair – Nominating Committee, 2017-present
Member, 2016-2017
- Physicians Committee for Responsible Medicine (PCRM) – *USA*
Member, 2014-present
- Philippine Medical Association (PMA) – *Philippines*
Member, 2006-present
- Cebu Medical Society (CMS) – *Philippines*
Member, 2006-present