AHEM

RESILIENCE · ADVOCACY · INNOVATION · LEADERSHIP

Academic Healthcare Emergency
Management Consortium

AHEM Expert Panel Series

From Chaos to Coordination:
REIMAGINING HEALTHCARE EMERGENCY MANAGEMENT WITH AI

8 October 2025 | **1:00 – 2:30 p.m. EST** | **Virtual via Zoom**

About the AHEM Consortium

The Academic Healthcare Emergency Management (AHEM) Consortium is a national forum of 15 organizations leading efforts to strengthen health system resilience in emergencies.

AHEM advances disaster preparedness and response by uniting academic medical systems to share best practices and build resources.

AHEM members have collaborated to share real-time information and resources during real-world challenges, including the COVID-19 pandemic (2019-2022), the Canadian wildfire (June 2023), and system impacts from the Optum Solutions/Change Healthcare (February 2024), CrowdStrike (July 2024), and Baxter Sterile Fluid Shortage (2024 – 2025).

BJC HealthCare

Cleveland Clinic

DukeHealth

JOHNS HOPKINS MEDICINE

Mass General Brigham

MAYO CLINIC

NewYork-Presbyterian

Mount Sinai

Northwestern Medicine

NYU Langone Health

Penn Medicine

Stanford MEDICINE

UCLA Health

UCSF Health

UPMC

From Chaos to Coordination: leveraging AI to Reimagine Healthcare Emergency Management

This panel, the first in the AHEM AI Panel Series, will be an interactive discussion where experts explore the promise and pitfalls of artificial intelligence in healthcare emergency management. The session centers on real experiences, collaboration, and the challenges of integrating AI into complex environments while identifying both opportunities and risks.

Panelists will share "AI moments of truth," discuss governance and equity, and engage with foundational issues like where human judgment remains essential. The goal is to advance understanding, foster collaboration, and help chart a balanced path forward that merges innovation with responsible stewardship of new technologies.

AHEM AI Panel #1

October 8, 2025

From Chaos To Coordination:
Leveraging AI to Reimagine Healthcare Emergency Management

Spring 2026

Exploring Current Initiatives:
Envisioning an AI-Driven Future State

Fall 2026

Understanding AI Risks and Threats:
What are the Best and Worst-case Scenarios?

Ruopeng An, PhD

Professor, New York University
Director, Constance and Martin Silver Center
on Data Science and Social Equity

Dr. Ruopeng An is a leading expert in obesity epidemiology and policy evaluation, a noted interdisciplinary data scientist, and an internationally recognized scholar in applying artificial intelligence to address public health disparities and social inequities.

He currently holds the Constance and Martin Silver Endowed Professorship in Data Science and Prevention and serves as the Director of the Constance and Martin Silver Center on Data Science and Social Equity. Dr. An is also an elected Fellow of the American Academy of Health Behavior and the American College of Epidemiology.

His research has been funded by various federal agencies and public/private organizations, including OpenAI, Abbott, and Amgen. Recognized as one of Elsevier's top 2% most cited scientists, his work has been featured by major media outlets such as TIME, The New York Times, The Los Angeles Times, The Washington Post, Reuters, USA Today, Bloomberg, Forbes, The Atlantic, The Guardian, FOX, NPR, and CNN. He also serves on research grants and expert panels for the NIH, CDC, NSF, HHS, USDA, and the French National Research Agency.

Before joining NYU, Dr. An was the Faculty Lead in Public Health Sciences and Faculty Fellow for AI Innovations in Education at Washington University in St. Louis, where he also founded two certificate programs focused on artificial intelligence and data science.

Dr. An holds a PhD in Policy Analysis from the Pardee RAND Graduate School, a Master of Public Policy from the National Graduate Institute for Policy Studies, and a BA in Political Science and Public Administration from Peking University.

Suhayya "Sue" Abu-Hakima, PhD

Co-founder & CEO, Alstari Corporation

Sue is a serial AI founder entrepreneur & CEO of Alstari Corporation, her third AI company focused on security. A rare woman tech entrepreneur with a reputation for excellence & innovation, she has formed boards of directors & advisors & directed business strategy, ensuring products and services match customer need.

Sue exited her first two AI startups successfully to NASDAQ-traded companies. Amika Mobile was focused on critical & emergency communications exited to Genasys Inc. AmikaNow! spun from government R&D labs, focused on AI and automatic content analysis for compliance exited to Entrust.

Her 38+ years in technology resulted in an exemplary record as an Industry leader, employer, and pioneer. Sue holds over 45 International patents in AI, security, content analysis, emergency & mobile messaging. As many as 35 Global Companies have cited her pioneering patents including Google, Apple, Microsoft, Ford, etc. She has over 100 publications & speeches on AI and tech.

Sue has a B.Eng. from McGill University & honors AI M. Eng. in Explanation & honors AI Doctorate in Diagnosis from Carleton University.

She has been active on Boards of Directors for 38+ years. She served 8 yrs as Director & Vice Chair for Ontario Centers of Excellence (OCE now OCI) & for 6 yrs on Private Sector Advisory Board for National Centers of Excellence (NCE). She served on Dalhousie's Big Data Institute & McGill's Innovation Board. She also served on ENCQOR 5G. She recently joined Simon Fraser University's Big Data Hub as an Advisor. She is also active with the WEL equity fund.

She was named by Security Products & Tech in their 2022 Hall of Fame issue for helping transform the security industry through innovation, dedication and community participation. She served as ASIS 2021 Chapter 140 Chair in Ottawa.

She has won many awards including AI Startup Founder of the Year for 2024 & the Legends & Global Impact Women of Inspiration awards from UWN in 2023 and 2021. Sue was invested in the Order of Ontario in 2011 and honored with Queen Elizabeth II Jubilee Medal for Service to Canada in 2012. Sue is a Top 25 Women of Influence. She has twice been a Top 100 Most Powerful by the WXN in the Trailblazer Category. Her startups have won 25+ awards including 6 US GOVIES & ASIS Judge's Choice & Security's Best. Often an invited speaker, she has spoken at GSX, ASIS, RSA, Inbox, NetSeC, CTIA, Start-up Canada, & Global Affairs on entrepreneurship and technology.

Nicoleta Economou-Zavlanos, PhD

Director, Duke Health AI Evaluation & Governance Program

Nicoleta Economou-Zavlanos, PhD, is the Director of the Duke Health AI Evaluation & Governance Program and the founding director of the Algorithm-Based Clinical Decision Support (ABCDS) Oversight initiative. In this capacity, she leads Duke Health's efforts to evaluate and govern health AI technologies. Dr. Economou also serves on the Executive Committee of the NIH Common Fund's Bridge to Artificial Intelligence (Bridge2AI) Program. Additionally, she served as Scientific Advisor for the Coalition for Health AI (CHAI), driving the development of guidelines for AI assurance in healthcare, from 2024 to 2025.

A nationally recognized expert in health AI governance, Dr. Economou has been instrumental in creating frameworks and methodologies for the registration, review, and assurance of health AI systems. Her research, published in leading journals such as *NPJ Digital Medicine*, *JAMA*, *JAMA Health Forum*, and *JAMIA*, reflects her commitment to advancing the responsible development and use of AI in healthcare.

Dr. Economou has led projects supporting a learning health system at Duke, working alongside faculty and health system leadership to bring together people, processes, technologies, and data streams required to drive evidence-based continuous improvement and innovation in health care delivery and operations.

Prior to joining Duke, Dr. Economou worked in the life science and pharmaceutical industry where she developed, validated, and deployed risk models and designed and defined metrics for monitoring clinical trials using analytics software. She completed her postdoctoral training at the University of North Carolina Eshelman School of Pharmacy and received her PhD in Biochemistry from Drexel University College of Medicine.

Maurice A. Ramirez, DO, PhD

Co-founder & Chairperson, High Alert Institute

Maurice A. Ramirez, DO, Ph.D., says in the wake of Hurricane's KATRINA and RITA, and with concerns of Pandemic Influenza vibrating on the horizon, it is more evident than ever that we need to effectively prepare and coordinate our response to disasters at every level of society. Unfortunately, disasters are not just external, unavoidable events. All too often, we are the victim of business or financial disasters that do as much or more damage than any natural event or terrorist.

What if one expert could teach you to apply the lessons of Disaster Preparation, Response and Recovery to improve customer satisfaction, increase profits and regain control of your business and your life?

For over two decades, corporate executives, captains of industry, healthcare professionals and individuals have learned to make faster, better and more accurate decisions in every possible situation. For you and your organization to stay ahead of an uncertain future, you must learn to apply Disaster Preparation, Response and Recovery skills in every adverse life situation.

What one expert brings the lessons learned saving lives to your everyday life?

What one expert transforms Disaster Planning skills into Business & Personal Disaster Avoidance skills?

Dr. Ramirez is a co-founder of the Disaster Life Support of North America, Inc., a corporation dedicated to Disaster Preparation, Planning, Response and Recovery education nationally.

Through his consulting firm High Alert, LLC., he has served on expert panels for pandemic preparedness and healthcare surge capacity planning with Cabinet Members, US Senators and Representatives.

Dr. Ramirez was elected Founding Chairperson of the American Board of Disaster Medicine and is nationally recognized as a thought leader in Disaster Medicine.

Board certified in multiple medical specialties, Dr. Ramirez serves the Department of Homeland Security as a Senior Physician and Federal Medical Officer with the National Disaster Medical System.

Previous AHEM Expert Panel Sessions

AHEM's Expert Panel and Presentation Sessions are a dynamic and engaging platform designed to address emergent issues in healthcare emergency management.

Each session focuses on imminent challenges and innovative solutions within the academic healthcare profession.

July 2023 — Reenvisioning Healthcare Preparedness for a Polycrisis World

September 2023 — Media and the Role of Trust during Public Health Disasters

March 2024 — Diversity, Equity, Inclusion, and Accessibility in Healthcare Emergency Management

October 2024 — Lessons from the COVID War