

CURRICULUM VITAE

Dr. Michele Ashton Kane, PhD, MSN, FAAN

Captain, United States Navy Nurse Corps (Retired)
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EDUCATION HISTORY

- **2018:** Leadership Certificate – Naval War College, Newport, RI (Naval Executive Leadership Course)
- **2017:** High Reliability Principles Certificate – The Joint Commission (In-residence), Chicago, IL (High Reliability Quality and Safety Fellowship)
- **2017:** Certificate Leadership – Naval Senior Executive Leadership Course, Monterey, CA (Post graduate School)
- **2010:** Certificate – Wharton School of Business, Philadelphia, PA (Johnson and Johnson Wharton School of Business Senior Nurse Executive Fellowship)
- **2011:** EBP Certificate – University of Iowa, Iowa (Iowa Evidence Based Training Conference, Advance Practice Institute Promoting Adoption of Evidence Based Practice)
- **2005:** Advanced Certification in Molecular Genetics in Research, Health and Society – Georgetown University (Institute of Health and National Institute of Nursing Research Summer Genetics Institute)
- **2012:** Qualitative Research Certificate – University of North Carolina at Chapel Hill School of Nursing (Phenomenology/Hermeneutics & Narrative/Discourse Methods)
- **2004-2008:** Doctor of Philosophy (PhD) - Cytotoxic and Genotoxic Effects of Weapons Grade Tungsten – Uniformed Services University (USU), Bethesda, MD (Nursing)

PROFESSIONAL EXPERIENCE – ACADEMIC APPOINTMENTS

- **June 2023–Present:** Assistant Professor (Tenured); University of Alabama in Huntsville, Alabama. Responsibilities: Contribute to the mission, vision, and core values of the College of Nursing by teaching in accordance with best practices, advising students to guide and retain them at UAH, maintaining an active program of scholarship/research to contribute to nursing science and to the translation of research evidence into practice, maintaining own nursing practice to stay current and building community partnerships, participating on college and university committees, and participating in DNP projects.
- **May 2022–Dec 2022:** Director Bachelor Nursing Program and Assistant Professor (Non-Tenured); Georgetown University Bachelors School of Nursing, Washington, DC. Responsibilities: Director Bachelor of Nursing Program, Georgetown University. Work under the supervision of the Dean.

PROFESSIONAL BACKGROUND & LEADERSHIP

- **2021–2022:** Appointed United States Navy Nurse Corps Research Specialty Leader, Bureau of Navy Medicine and Surgery, Arlington, VA. The Navy Surgeon General appointed Captain Kane as the Specialty Leader for Nursing Research. In this executive leadership role, she coordinates efforts for nursing scientists' community sustainment, advocates for continued Nurse Corps PhD education opportunities, and champions the contributions of 22 Navy Nurse Scientists and PhD students to build the evidence base for Navy Nursing practice and oversees \$30M in research grant funding across the enterprise. Provides expert advice to Chief, BUMED and respective Corps Chief or Director and staff.
- **2020–2022:** Navy Nurse Corps Specialty Executive Leader / Chief Community Research Operating Officer.
- **July 2018–July 2020:** Executive Officer, Naval Medical Research Unit (NAMRU-SA), San Antonio, Texas. Executive Chief Operating Officer. First Navy Nurse assigned as the Executive Officer of NAMRU-SA; War Fighter Focused; CAPT Kane delivered, protected, and managed a \$40 million budget and sustained critical federal research assets across the Department of Defense in order to enhance operational endurance and secure the scalable lethality in the Navy. Led the delivery of NAMRU-SA Research Infrastructure, Combat Casualty Care, and Cranio-Facial and Directed Energy Directorates.
- **08/1999–12/1999:** Oxford University, Oxford, United Kingdom – Honors Masters Scholar. Graduate concentration in Philosophy of Ethics. Reviewed and analyzed the British Health Care System as well as the Royal Medical Health System as they relate to financial stability, access, and quality of health care.
- **01/1998–12/1999:** George Mason University (GMU), Fairfax, VA – Duty Under Instruction. Completed Masters in Nursing Administration. Analyzed the impact of managed care on the quality of patient care, reimbursement issues, current administrative issues, and organizational and financial solvency.
- **05/1995–12/1997:** U.S. Naval Hospital Keflavik, Iceland. Responsible for a multi-service inpatient ward including newborn, pediatric, ob-gyn, adult, psychiatric, and acute care.

SCHOLARLY & HEALTH SYSTEM IMPACT

Research Grants & Ongoing Initiatives

- **2022–Ongoing:** CO-PI, Topic: "Military Readiness in Active-Duty Service Women: The Impact of the Availability of Water and Sanitation on Hygiene Practices and Urogenital Health". \$2.2M funded through the USU Military Women's Health Research Program to support the Military Women's Health Research Consortium (MWHRC) Research Project.
- **2022–Ongoing:** Executive Level Strategic Project: Nurse Corps Resiliency and Evidence Based Initiative. Leading change in resiliency culture to over 3,000 Navy Nurses Corps Active and Reserve Officers.

- **2014–2015:** Project SERVE. CAPT Kane was the first Navy nurse researcher to develop a collaborative initiative affecting practice/education internationally across toxicology disciplines.
- **2011:** PI, TSNRP funded study. Topic: Joint Multi-Disciplinary Evidence Based Practice Conceptual Guideline Development for Complex Wound Care. Awarded \$150,000.
- **2010:** PI, Evidence-based project "Organizing Corporate Culture when Merging". Instrumental as regional foundation in the National Capital Area during the complex merger of Walter Reed Army Medical Center and National Naval Medical Center, transitioning over 1,000 nurses.

Health System Transformation

- **2016–2018:** First Nurse Deputy Chief Medical Officer; CAPT Kane led the massive joint service transformation and enterprise-wide effort to create the new High Reliability Quality and Safety Infrastructure.

SCHOLARSHIP: PUBLICATIONS & PRESENTATIONS

Publications

- **2010:** Crumbley, D., & Kane, M. (2010). The Development of an Evidence Based Pressure Ulcer Program at National Naval Medical Center: Nurses' Role in the Assessment and Intervention of Risk Factors in Providing Pressure Ulcer Detection Among Young Service Members Returning from OIF/OEF. *Nursing Clinics of North America*, 45(2), 153-168.
- **2009:** Kane, M., Aiken, L., & Cilento, B. (2009). *The Lantern: Establishment of the First Nursing Storytelling Journal*.
- **2009:** Kane, M., Kasper, C. E., & Kalinich, J. F. (2009). *The use of Established Skeletal Muscle Cell Lines to Assess Potential Toxicity from Embedded Metal Fragments*. Submitted and approved manuscript.

Presentations

- **2009:** Poster Presentation and One-to-One Poster Presentation: "Transforming Falls", Clearwater, FL, May 4-8.
- **2008:** Poster Presentation: Genotoxic and Cytotoxic Carcinogenesis Effects of Embedded Weapons Grade Fragments of Tungsten Alloy Shrapnel. Association of Military Surgeons of the United States. 9-14 November 2008.
- **2008:** Abstract Submission: Genotoxic and Cytotoxic Carcinogenesis Effects of Embedded Weapons Grade Fragments of Tungsten Alloy Shrapnel. Strategies for Integrating Genetics into Nursing Research, MNRS, Minneapolis, IL.

INVITED SPEAKING ENGAGEMENTS

- **2022:** Invited judge and speaker, Fort Belvoir, Nursing Research Week, 19 May 2022.

- **2022:** May 6 Guest Speaker Engagement across multiple military healthcare formats.

HONORS AND AWARDS

Professional & Research Awards

- **2008:** 1st Navy Nurse Awarded the USUHS top award for Research Excellence, Graduate School of Nursing, Uniformed Services University.
- **2008:** 1st Navy Nurse Awarded the Dean's Choice in Who's Who Among Students in American Universities and Colleges for outstanding merit in research.
- **2001:** Awarded Nurse of the Year 2001 for Superior Nursing Achievements.

Military Honors

- **2021:** Awarded Meritorious Service Medal (Second award)
- **2018:** Awarded the Legion of Merit (First award)
- **2016:** Awarded the Defense Meritorious Service Medal
- **2004:** Received the Meritorious Service Medal (First award)
- **2001:** Awarded Naval Achievement Medal (Third Award)
- **1998:** Awarded Commendation Medal (First Award)
- **1997:** Awarded Naval Achievement Medal (Second Award) and Overseas Service Ribbon
- **1995:** Awarded Navy Achievement Medal (First Award)
- **1994:** Awarded Joint Meritorious Unit Award, Humanitarian Service Medal

HIGH RELIABILITY MILITARY SYSTEMS CONSULTANT INITIATIVES

- **2016-2018:** As Navy HRO Consultant, led the High Reliability Joint Committee/Working Group for Defense Health Agency, conducting weekly teachings, strategies, and model design to over 50 Chief Medical Officers globally.
- **2017:** Taught High Reliability Operations, Quality and Safety Forum, Joint Commission Organization, Chicago, IL to approx. 100 military Chief Medical Officers.
- **2017:** Directed HRO assessments at Naval Hospital Camp Pendleton, Naval Medical Center San Diego, Naval Hospital Jacksonville, Naval Hospital 29 Palms, and Naval Medical Center Portsmouth with over 650 attendees.

TEACHING ACTIVITIES

Georgetown University Courses

NURS 181: Care of the Adult with Physical Alterations (5 Credit Hours)

Introduces the learner to nursing care of adults with physiologic alterations and conditions commonly encountered in the acute care setting.

NURS 5120: Global Perspectives Seminar (3 Credit Hours)

Introduces essentials of nursing practice perspectives through collaboration with multiple stakeholders to improve healthcare using critical and reflective strategies.

OTHER PROFESSIONAL ACTIVITIES

- **2019-Present:** American Academy of Emergency Nurse Practitioners (#1131)
- **2021-Present:** North Alabama Nurse Practitioners Association
- **2008-Present:** Sigma Theta Tau International Honor Society of Nursing (#1916591)
- **2021-Present:** National League for Nursing Member (#592195)
- **2021-Present:** Alabama League for Nursing (#2356270)
- **2010-Present:** American Association of Critical-Care Nurses (#13269831)
- **2006-2009:** National Student Nurses Association

ACADEMIC & HEALTH SYSTEM COMMITTEES

- **USUHS 2020-2022:** Middle States Commission to Higher Education (MSCHE)
Steering Committee to the Uniformed Services University President – Co-Chair/Member
- **USUHS 2020-2022:** Strategic Refresh Goal Group – Member
- **GSN 2020-2022:** GSN Curriculum Committee – Member
- **GSN 2020-2022:** GSN All Faculty Committee – Member
- **GSN 2020-2022:** CCNE Accreditation Workgroup – Member