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# Professional Summary

Clinical innovation and data strategy leader with over a decade of experience bridging frontline healthcare, digital systems, and enterprise operations. Proven ability to translate clinical insights into scalable digital solutions. Expertise in Epic build, analytics, and technical systems, with a consistent record of cross-functional leadership. Former US Air Force member with formal IT training, uniquely positioned at the intersection of practice, technology and strategic transformation.

**Select Experience**

## Supervisor, Critical Care NP/PA Team *Mayo Clinic, Rochester, MN | 2021–Present*

## Lead cross-functional teams across Transplant ICU/PCU and virtual care.

## Scale and support RAPID innovation program from pilot to enterprise reach. [RAPID – Rapidly Accelerating Problems & Ideas](https://intranet.mayo.edu/charlie/mayo-clinic-hospital-rst/rapid/)

## Implement technology-based workflows including CEDAR alerts and AMP.

## Assistant Supervisor & Critical Care NP *Mayo Clinic, Rochester, MN | 2014–2021*

## Provided clinical care to critically ill patients in ICU settings.

## Supported early clinical/technical partnerships on workflow design, Epic optimization, and innovation pilots.

## Stepped into assistant supervisory role in 2016, supporting onboarding, scheduling, and quality initiatives.

## Registered Nurse *Mayo Clinic Health System, Fairmont, MN | 2009–2014*

## Delivered bedside care in ICU, ED, and inpatient settings.

## Actively engaged in early virtual care programs and system initiatives.

## Staff Sergeant, IT Systems Lead *U.S. Air Force | 2000–2007*

## Led base communications, satellite uplinks, generators, servers, and end-user systems.

## Instructor & Assistant Professor of Medicine

Mayo Clinic College of Medicine and Science

• Develop and deliver education in critical care, clinical reasoning, and digital health tools for interdisciplinary learners.

• Contributed to and presented international continuing medical education content through the CERTAIN platform.

• Integrated technology into patient/family education with tools like ICU Smart, enhancing engagement and transparency.

# Core Competencies

• Bridging clinical needs with data-driven technical solutions

• Facilitating collaboration between care teams, analytics, and IT

• Enhancing workflows and scaling innovation across systems

• Championing practical application of predictive monitoring tools

• Leading secure, compliant data initiatives in 24x7 care environments

• Driving mission-aligned innovation and strategic governance

# Education & Credentials

• MBA – Healthcare Communication, Bellevue University

• MSN – Adult Geriatric NP, St. Catherine University

• BS – Healthcare Management, Bellevue University

• AAS – Information Systems Management, Community College of the Air Force

• Certificate – Data Analysis & Visualization, University of Minnesota

• Epic Physician Builder Certification (Basic, Analytics, Advanced)

# Awards & Recognition

• Karis Award – Mayo Clinic (2021)

• Innovation in Education Award – Society of Critical Care Medicine (2022)

• Outstanding International Faculty – Mayo Clinic School of CPD (2021)

• Leadership Award – Air Force Airman Leadership School (2006)

# Select Projects & Innovation

• RAPID Innovation Platform – Founder and program lead from concept to enterprise scale

• CEDAR – Clinical deterioration score implementation and analytics collaboration

• AMP – Multi-patient viewer and real-time alert integration for proactive care

• ICU Smart – Inventor of interactive, patient-facing digital checklist for ICU engagement

# Professional Affiliations & Committees

• Critical Care EHR Subcommittee

• Quality Subcommittee, Critical Care IMP

• Rochester Hospital Virtual Care Subcommittee

• Critical Care Digital Strategy Subcommittee