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PROFILE

Senior product leader for LLM-based healthcare AI in regulated care settings. Co-founded Sayvant and leads clinical AI product work for documentation systems used across 100+ care sites and more than 1.1M charts. Built evaluation-driven, clinician-in-the-loop workflows for physician-written rubrics, chart grounding, hallucination and dangerous-fabrication review, PHI-aware routing, HIPAA/BAA-aware deployment, and post-launch QA. Practicing emergency physician, Stanford MCI graduate, Army veteran, and zero-to-one operator across clinical AI and an FDA-regulated Class I device used by 400+ EMS agencies in 41 states.

Product competencies: Product strategy and roadmap | LLM/model evaluation | Physician-written rubric design | Clinician-in-the-loop QA | Privacy and safety controls | HIPAA/BAA-aware workflows | Discovery-to-launch execution

SELECTED PRODUCT MANAGEMENT CONTRIBUTIONS

- Owned clinical AI strategy, roadmap decisions, requirements, evaluation design, launch decisions, and physician-review workflows for documentation systems used across 100+ care sites and more than 1.1M charts.
- Prioritized highest-impact problems from physician complaints, clinician adoption friction, health-system rollout lessons, and ED workflow constraints.
- Defined requirements by translating customer needs, technical constraints, and regulatory considerations into product decisions: rubric changes, validation plans, QA loops, and release calls.
- Used data and customer feedback from 13 hospital sites, 42 tracked physician complaints, and 1,089 optimization iterations to reach zero regressions on resolved complaints.
- Built privacy and safety controls for production clinical AI: HIPAA/BAA-aware deployment, PHI-aware routing, chart grounding, hallucination review, dangerous-fabrication review, billing completeness, and legal defensibility checks.
- Shipped ScribeBench and Sayvant SQS: physician-written rubric benchmarks with 282 binary checks and 166 deterministic repair rules; controlled ablation improved pass rate by 11.7 percentage points and eliminated 6/6 fabrication-class failures.
- Partnered across engineering, research, design, legal, regulatory, clinical, and GTM work to move high-stakes workflows from discovery through launch and post-launch QA.
- Drove the ED chest pain decision-support roadmap around paired ambient encounter signal and physician decision traces, with AIMI presentation, AMIA 2026 abstract #15227, and manuscript in preparation.
- Scaled IntuBlade from an ER problem into patented hardware, an FDA-regulated Class I product used by 400+ EMS agencies across 41 states, \$250K+ recorded sales revenue, field adoption, and live operating systems across legal, shipping, inventory, pilots, AR, and GTM.

CURRENT POSITIONS

Sayvant, Clinical AI Product Lead (Co-Founder)

Oct 2023 - Present | Emeryville, CA

Owns clinical AI product strategy, requirements, LLM/model evaluation, physician-review workflows, and rubric development for documentation systems used across 100+ care sites and more than 1.1M charts. Built HIPAA/BAA-aware deployment support, PHI-aware routing, chart grounding, hallucination and dangerous-fabrication review, billing completeness, and model-output triage. First author on a production QA preprint across 13 hospital sites: 42 tracked complaints, zero regressions across 1,089 iterations, 282 binary checks, 166 deterministic repair rules, and 6/6 fabrication-class failures eliminated in ablation.

IntuBlade, Founder & Product Lead

Oct 2018 - Present | San Ramon, CA

Leads product strategy for a \$95 single-use USB-C video laryngoscope platform while transitioning CEO responsibilities to incoming leadership. Owned discovery, requirements, patented design, FDA-regulated Class I execution, production hardware, pricing, commercial launch, clinical education, and field adoption across 400+ EMS agencies in 41 states, with \$250K+ recorded sales revenue and 2,884 cumulative devices in field. Built operator systems for legal, shipping, inventory, pilots, AR, GTM, pediatric and bronchoscope roadmap expansion, and human-in-the-loop procedural guidance using connected video, telemetry, and trainer-confirmed safety fields.

Kaiser Permanente, Emergency Medicine Physician

Jan 2023 - Present | East Bay, CA

Practices emergency medicine in an integrated health system, keeping AI and airway product decisions tied to department constraints, clinician trust, and real patient care.

EDUCATION

Stanford University School of Medicine

Master of Science, Clinical Informatics Management | Jun 2025 - Jun 2026 | Stanford, CA

University of South Florida College of Medicine

Doctor of Medicine | Aug 2013 - May 2017 | Tampa, FL

Eastern Kentucky University

Bachelor of Science, Biomedical Science | May 2009 - Dec 2012 | Richmond, KY

CLINICAL AI RESEARCH

Closed-Loop Quality Assurance for Production Clinical AI Documentation

medRxiv preprint | Posted May 29, 2026

First-author preprint with Justin Wiley and Mark Heslin. Closed-loop QA used physician complaints from production AI documentation across 13 hospital sites to drive 1,089 optimization iterations with zero regressions on resolved complaints. Evidence base: 42 tracked complaints, 282 binary checks, 166 deterministic repair rules, and 6/6 fabrication-class failures eliminated in ablation. DOI: 10.64898/2026.05.27.26353977v1.

Training Clinical Decision Support from Ambient Conversation

Stanford AIMI / AMIA 2026 / manuscript in preparation | AIMI poster Jun 3, 2026; AMIA abstract #15227 accepted

Stanford MCiM capstone work with a public control repo, AIMI poster, and AMIA 2026 podium abstract #15227. Pairs ambient patient signal with physician-authored decision traces so the model is not trained only on downstream chart text. Manuscript and validation plan in preparation with Ashley Griffin and Mark Musen.

Health-System Implementation of AI in Acute Care Delivery

HITLAB Spring Summit, Sayvant session | Presented May 5, 2026

Sayvant session on acute-care AI rollouts, workflow ownership, clinician review, rollout friction, feedback loops, and product lessons from health-system deployment. Final title: Planning for the Future: Lessons Learned Partnering with Health Systems to Implement AI in Acute Care Delivery.

ScribeBench and Sayvant SQS Framework

Public benchmark and framework artifacts | Released Jun 2026

Public clinical documentation benchmark and scoring framework for narrative quality, source fidelity, leak detection, dangerous fabrication, and rubric-based review of ambient scribe output.

PATENTS

- US 11,103,130 and US 11,627,873: Disposable Video Laryngoscope with Fluid Spray System
- US 12,465,206: Laryngoscope and Methods of Use
- US 12,653,393: Disposable Video Laryngoscope with Fluid Spray System, issued Jun 16, 2026
- US 63/548,015: Individualized Physician Clinical Documentation Tools
- US 63/619,785: AI-Enhanced Depth Perception and Anatomical Highlighting System for Video-Assisted Medical Procedures

PREPRINTS, PUBLICATIONS, AND BOOKS

- Napier A., Wiley J., Heslin M. Closed-Loop Quality Assurance for Production Clinical AI Documentation. medRxiv preprint. Posted May 29, 2026. DOI: 10.64898/2026.05.27.26353977v1.
- Napier A., Zitek T. Decreased time to intubation by experienced users with a new lens-clearing video laryngoscope in a simulated setting. American Journal of Emergency Medicine. 2021. PMID: 33632548.
- Additional clinical publications and abstracts available on request: Cureus case report, StatPearls procedural chapters, emergency ultrasound pocketbook, and ACEP gestational D-dimer abstract.

CLINICAL AND MILITARY EXPERIENCE

Emanuel Medical Center, Vice Chair, Assistant Medical Director

Dec 2021 - Sep 2023 | Turlock, CA

Led quality, throughput, documentation, patient experience, and sepsis improvement work for a 70,000-visit emergency department.

Regional Medical Center, Emergency Medicine Physician

Sep 2020 - Dec 2021 | San Jose, CA

Practiced emergency medicine at a Level 2 Trauma Center with annual volume exceeding 100,000 visits.

Kendall Regional Medical Center, Emergency Medicine Resident Physician

Jul 2017 - Jul 2020 | Miami, FL

Completed emergency medicine residency at a Level 1 adult and pediatric trauma center.

United States Army National Guard, Sergeant (E-5), Combat Medic Specialist

Jun 2006 - Jun 2012 | Ashland, KY / Afghanistan

Led battalion-level medical operations, supervised medics, and provided combat casualty care alongside a forward surgical team in Afghanistan. Treated more than 300 documented casualties and received the Purple Heart, Combat Medical Badge, and Combat Action Badge.

PRESENTATIONS

- Emergency Chest Pain Clinical AI Work. AMIA 2026 podium abstract accepted, abstract #15227, Fall 2026.
- IntuBlade pitch presentation. Stanford Emergence Annual Impact Summit, Stanford, CA, Jun 5, 2026.
- Training Clinical Decision Support from Ambient Conversation: Separating Patient Signal from Documentation Bias in Emergency Chest Pain. Stanford AIMI Symposium / Health AI Week, poster presentation, Stanford, CA, Jun 3, 2026.
- Planning for the Future: Lessons Learned Partnering with Health Systems to Implement AI in Acute Care Delivery. HITLAB Spring Summit, Sayvant session, May 5, 2026.
- The HIT Will Come. Guest lecture, Eastern Kentucky University Emergency Medical Care Program, Richmond, KY, Apr 2026.
- From Napkin Sketch to Reality: Your Path to the Creation of a Medical Device. Entrepreneurship and Networking for Doctors Conference, SoMeDocs, Jan 2023.

LICENSURE AND CERTIFICATION

- Board Certification, Emergency Medicine, current through 2027
- Fellow, American Academy of Emergency Medicine (FAAEM), 2024
- California Medical License, active 2020 - 2028
- Florida Medical License, 2019 - 2021

AWARDS AND RECOGNITION

- Rice Business School Veterans Business Battle, First Place, IntuBlade, 1st of 15 finalist teams, \$15,000 Prize (2026)
- Tillman Military Scholar, Pat Tillman Foundation (2012)
- U.S. Army: Purple Heart, Combat Medical Badge, Combat Action Badge, Valorous Unit Award
- VetsInTech Pitch Competition, First Place, \$25,000 Prize (2024)
- UCSF Rosenman Institute Health Innovation Fellow
- EMS World Innovation Award, Finalist (2024 and 2020)
- Warrior Rising Pitch Competition, First Place, \$20,000 Prize (2023)
- InnovatorMD startup competition, First Place (2022)