

# Emily Hamilton

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## SUMMARY

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Compassionate Physician Assistant with over five years in cardiothoracic surgery, emphasizing exceptional patient care and Endoscopic Vein Harvesting. Experienced in surgical settings, developing effective protocols that enhance recovery outcomes while ensuring comprehensive support for patients during their healthcare journey. Collaborating with a dedicated team reinforces commitment to quality and empathetic care, always striving to exceed community needs. Passionate about continuous learning and balancing personal well-being with professional growth. Eager to contribute expertise and energy at CardioCare Health Systems.

## EXPERIENCE

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### Surgery Assistant

August 2025 - Present

University Project

*Remote*

Assisted in various cardiothoracic surgeries focused on patient care and operational efficiency. Delivered critical patient support pre-and post-operation, fostering collaboration with surgical teams for optimal results. Monitored patient health metrics vigilantly, driving improved outcomes through timely intervention.

- Provided active assistance during surgeries, enhancing procedural outcomes through expert preparation.
- Implemented Endoscopic Vein Harvesting techniques that improved surgical effectiveness.
- Conducted thorough assessments of patient vitals, acting promptly on any concerns.
- Developed educational materials for patients, promoting understanding of recovery processes.
- Participated in case reviews alongside colleagues, actively sharing insights and strategies.
- Streamlined communication between medical staff, elevating efficiency and strengthening teamwork.

### Clinical Research Intern

January 2025 - July 2025

Academic Research

*Chicago, IL*

Focused on researching cardiovascular procedures and outcomes, contributing significantly to peer-reviewed publications. Bridged gaps in patient care knowledge by gathering vital data and insights from healthcare professionals.

- Drove research initiatives examining the efficacy of diverse surgical techniques.
- Collaborated across disciplines to enrich findings and discussion in medical conferences.
- Engaged actively in seminars, sharpening skills and staying updated on recent methodologies.
- Utilized statistical analysis methods that ensured the precision of collected data.
- Presented impactful findings at a regional conference, receiving commendations for clarity.
- Adapted research designs effectively, learning valuable strategies for future studies.

### Surgical Techniques Developer

September 2024 - December 2024

Capstone Project

*Remote*

Crafted an extensive training module on Endoscopic Vein Harvesting, aimed at teaching peers essential surgical skills. Organized hands-on workshops that solidified participants' practical understanding and execution.

- Designed a detailed educational framework for EVH training that received positive feedback.
- Facilitated interactive sessions that engaged fellow students, enhancing their confidence in surgical approaches.
- Adjusted content based on participant feedback, highlighting commitment to continual improvement.
- Concluded project with a report that highlighted successes and recommendations for ongoing education.
- Established a mentorship program among classmates encouraging collaborative learning.
- Promoted an appreciation for practical application, which strengthened class performance overall.

## LEADERSHIP & AWARDS

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- Dean's List, University of Illinois (2024, 2025)
- Outstanding Research Presentation, Regional Medical Conference (2025)

## EDUCATION

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### Master's Degree in Physician Assistant Studies

2026

University of Illinois GPA: 3.8

*Champaign, IL*

**Coursework:** Clinical Practice, Surgical Techniques, Patient Care Management, Medical Ethics

## CERTIFICATIONS

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- Certified Physician Assistant 📅 2026
- RNFA Certification 📅 2026

## TECHNICAL SKILLS

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- **Surgical Equipment:** Scalpels, Forceps, Electrocautery, Suction Devices, Suturing Tools
- **Medical Software:** Epic, Cerner, Meditech
- **Research Methods:** Qualitative Analysis, Quantitative Research, Clinical Trials
- **Patient Management Systems:** NextGen, Greenway Health, Allscripts
- **Collaboration Tools:** Microsoft Teams, Zoom, Slack
- **Presentation Software:** PowerPoint, Google Slides
- **Statistical Software:** SPSS, R, SAS
- **Nursing Protocols:** Post-Operative Procedures, IV Therapy Guidelines, Infection Control Standards
- **Healthcare Compliance:** HIPAA Regulations, OSHA Standards, Clinical Guidelines
- **Educational Tools:** Simulation Labs, Hands-on Workshops, Peer Training Programs

## SKILLS

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- Cardiothoracic Surgery
- Endoscopic Vein Harvesting (EVH)
- Patient Care
- Clinical Research
- Medical Documentation
- Team Collaboration
- Healthcare Policies
- Surgical Technique Evaluation
- Emergency Response
- Patient Assessment
- Anatomy Knowledge
- Post-operative Care
- Data Collection Processes
- Public Speaking
- Mentorship Programs
- Educational Material Development

## PROFESSIONAL AFFILIATIONS

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- Member, Student Physician Assistant Society (2024 – Present)
- Volunteer, Community Health Clinic (2023 – Present)

## LANGUAGES

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- English (Native)
- Spanish (Proficient)

## ADDITIONAL INFORMATION

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**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

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AVAILABLE ON REQUEST