# Kristen K. Will, PhD, MHPE, PA-C

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#### **EDUCATION**

August 2016 to May 2021 Arizona State University, Doctoral Program (PhD)

Edson College of Nursing and Health Innovation

Doctorate (PhD) in Nursing and Health Care Leadership &

Innovation

Dissertation: "Utilizing EHR Data to Study and Measure the Relationship Between Primary Care Teams and Patient

Activation"

June 1998 to June 2001 Midwestern University, Graduate Education Program

Master of Health Professions Education (MHPE) June 2001; Cumulative GPA, 4.00 (4.00 scale)

June 1995 to May 1997 Midwestern University, Physician Assistant Program

Bachelor of Medical Science

1997 SALUTATORIAN; Cumulative GPA, 3.91 (4.00 scale)

August 1992 to June 1995 Western Michigan University, College of Biological Sciences

Major: Biological Sciences Minor: Chemistry

Dean's List, August 1992 to June 1995

#### **EXPERIENCE**

October 2019 to Present

Arizona State University; Phoenix, AZ

Assistant Dean, Clinical Programs and Accreditation, College of Health Solutions

- Oversight of all clinical programs and initiatives for the college including undergraduate and graduate programs-including all aspects of program administration (recruitment, growth, fiscal operations, etc.)
- Development of strategic plans across clinical programs and implementation of strategic initiatives that align with college, university, state and national
- Leading inter-institutional and regional community partnership to build an interprofessional community clinic that will become a hub for training health professions students in a team-based environment with a focus on integrated clinical translational science

- Responsible for collaborating with clinical program directors to strengthen curricular design of didactic learning, clinical learning environments, meeting accreditation standards and developing strategic plans
- Collaborating with community partners, health systems and other collaborators strengthening partners for the university and the clinical programs; active partnerships with majority of health systems across Arizona
- Oversight Speech and Hearing Clinic; responsible for clinical operations, financial administration, interprofessional education and collaborative practice integration into practice; supervision of clinic directors and clinic manager
- Responsible for leading accreditation initiatives for all accredited and future accredited programs in the college
- Position reports directly to Associate Dean of Academic Success and Dean, College of Health Solutions

### September 2015 to October 2021

## Arizona State University; Phoenix, AZ

Director of Executive and Continuing Professional Education, College of Health Solutions

- Co-creator of novel and innovative program designed to train and develop healthcare professionals for the dynamic landscape of health and health care
- Responsible for curricular design, development and administration of Executive Education programs including development of online learning library, in-person customized courses, and immersion programs with over 1000 healthcare professionals trained to date
- Curricular design and creation also inclusive of interprofessional education and collaborative practice training
- Development of micro-credentials and digital badging for upskilling of the healthcare workforce
- Program creation includes topics such as:
  - o Healthcare Leadership and Management
  - o Quality Improvement for the Healthcare Clinician
  - Green Belt Lean Six Sigma for Healthcare Professionals
  - Clinical Genetics for the healthcare Professional
  - Introduction to Health Informatics
  - Prescribing Opioid and Controlled Substances for the Medical Provider
- As director, responsible for budget planning and financial reports, recruitment and retention of faculty/staff, strategic planning, business development and intelligence, marketing, and community and strategic partnership on regional and national level
- Strong skills in strategic partnership and inter-university and inter-organizational collaboration

Position reported directly to the Dean of the college

# September 2015 to Present

### Arizona State University; Phoenix, AZ

Clinical Associate Professor, Science of Health Care Delivery

### **Teaching:**

- Faculty lead, Capstone Applied Projects: Capstone series courses (3) immersion and online (HCD 592 Part One, HCD Part Two and HCD 550); High-value Patient Centered Care (HCD 510). Capstone projects are the culmination of the graduate degree learning experience; Facilitation and mentoring of individual and group projects; *Over the course of 5 years have mentored over 400+ capstone students* (including participating at the Principal Investigator for ASU); in addition to mentoring students, faculty liaison with community partners; Average student evaluations: 4.6 (5.0 scale)
- Mentorship for Students: Career counseling and letters of recommendations for over 20 students per year
- Mentor, Barrett, The Honors College: Serving as a mentor and committee member for undergraduate thesis for Pre-PA and Medicine students
- Responsible for program and course development, administration, and evaluation of graduate students in both immersion and online degree programs including new programs such as, Healthcare Administration and Policy
- Strong experience with online course design and development integrating pedagogical and andragogical learning theory

#### Service:

- Mayo Clinic School of Medicine Patient-Centered Care Domain Liaison; working directly with Mayo Clinic Arizona faculty to design and refine curriculum for the Mayo Medical Students.
- Provost Level Taskforce for Interprofessional Continuing Education Accreditation; Co-led on taskforce created by the Provost to obtain accreditation as a nationally recognized provider of Interprofessional Continuing Education through the Joint Accreditation for Interprofessional Continuing Education; September 2017 to present.
- **ASU Faculty Senate**, Elected CHS Representative, 2019-2022
- SHCD Graduate Curriculum Committee, Current Co-Chair
- CHS Scholarly Fund Committee, Past Chair and Member
- CHS Faculty Workload Distribution, Participant- completed 2020
- CHS Annual Faculty Evaluation Committee, Reviewer

• MS SCHD Strategic Initiatives Committee, Past Chair and Member, August 2020 to present

## July 2020 to Present Physician Assistant

# Accreditation Review Commission on Education for the (ARC-PA); Johns Creek, GA; Accreditation Specialist

- Responsible for remote site visit review for postgraduate PA program accreditation site visits
- Engaged with virtual and in-person site visits for postgraduate PA programs
- Through work on taskforce, help create the postgraduate PA program accreditation standards and accreditation manuals

## February 2021 to Present

# Journal of American Academy of Physician Assistants (JAAPA); Deputy Co-Editor, Health Systems Science Series

 In collaboration with JAAPA editor and deputy editors, responsible for procuring, reviewing, and creating research articles related to healthcare delivery science and health services research

## January 2002 to September 2015

## Mayo Clinic Arizona; Scottsdale, AZ

Physician Assistant in Hospital Internal Medicine

- Clinician in a hospital-based Internal Medicine practice, directly responsible for diverse inpatient care, including medical and surgical patients throughout their entire hospital stay. Also, regularly perform pre-surgical evaluation of patients, and medical consultations for surgical patients.
- First Advanced Practice Provider in HIM Division, led the development of the APP role within the division and across the organization as a system-wide model for APP-Physician Practice.

## January 2007 to September 2015

#### Mayo Clinic Arizona; Scottsdale, AZ

Program Director & Assistant Professor, Mayo Clinic College of Medicine, Mayo Clinic Arizona Postgraduate Physician Assistant Fellowship in Hospital Internal Medicine

- Responsible for the development and administration of the first postgraduate Hospitalist PA Fellowship in the country, including all aspect of curriculum development, didactic and clinical instruction and national accreditation certification and maintenance.
- Three tracks: Hospitalist, Hematology/Oncology, Critical Care Medicine
- First ever Hospitalist PA Fellowship Program to be accredited through ARC-PA

 Expertise in accreditation standards and multi-professional core competencies/milestones

# February 2013 to September 2015

### Mayo Clinic Arizona; Scottsdale, AZ

Interprofessional Taskforce Lead and Principal Investigator "Interprofessional Orientation for Allied Health Professionals Utilizing the Simulation Laboratory"

- Responsible for creation and implementation of an Interprofessional Education Workgroup that has designed and implemented a novel IPE curriculum utilizing the simulation laboratory to orient allied health professionals
- Novel, innovative IPE Education Intervention using simulation learning
- Project completed in 2015 with continuation of education intervention presently

## June 2001 to January 2002

### Mayo Clinic Rochester; Rochester, MN

Physician Assistant in Inpatient Internal Medicine

Working with a new Hospitalist and Mid-level provider team, function as an Inpatient Internal Medicine Physician Assistant providing care for Orthopedic surgical patients and non-surgical patients. Specifically, responsible for on-going patient care in sub-acute and acute care units, performing pre-surgical anesthesia medical evaluations, peri-operative care for Orthopedic patients, and medical consults.

# November 1999 to June 2001

#### Healthsouth Medical Clinic; Tempe, AZ

Physician Assistant in Urgent Care Medicine & Occupational Medicine

Function as a semi-autonomous mid-level provider, responsible for diagnosing and treating many disorders and disease processes related to Occupational Medicine and Urgent Care. Responsibilities also include reading radiographs daily, performing minor office surgery on a daily basis, providing wound care management, administrative duties such as ordering office supplies and medications and precepting physician assistant students.

## December 1998 to November 1999

# Priest Road Family Medical Center; Tempe, AZ

Physician Assistant in Family Practice

 Responsible for the management of a diverse patient population in a busy Family Medicine clinic with a large percentage of cardiovascular and diabetic patients; performing

minor office surgeries, providing wound care management and follow-up for complicated patients with cardiovascular disease and/or Diabetes Mellitus, gynecological disease management, as well as caring for a large pediatric and geriatric population.

### May 1998 to December 1998

#### Arizona Heart Institute; Phoenix, AZ

Cardiovascular/Vascular Surgical Physician Assistant

- Responsible for first and second assisting in vascular, cardiothoracic, and cardiovascular procedures; also experience in harvesting and preparation of the Saphenous Vein for bypass surgery.
- Direct inpatient care, including rounds, preoperative and postoperative assessment, bedside procedures and discharge planning. Also responsible for managing patients with wound complications secondary to cardiovascular/vascular disease and other co-morbid conditions.

### **July 1997 to May 1998**

### Arizona State Hospital; Phoenix, AZ

Employed by: East Valley Family Medicine Group; Chandler, AZ Physician Assistant at Inpatient Psychiatric Hospital

- Managed all inpatient medical patient needs, including admission History and Physicals, daily rounds with diagnosis and treatment of diverse medical and psychiatric problems, patient education, discharge planning for complex medical and psychiatric patients.
- Involved in weekly call schedule and monthly weekend call for busy family practice.

## **July 1997 to Present**

# Midwestern University, Physician Assistant Program; Glendale, AZ

Clinical Instructor, PA Program (currently adjunct faculty)

- Participated in clinical education for physician assistant students, providing lectures and teaching various courses such as History of Medicine, Clinical Medicine, Physical Exam and Diagnosis.
- Developed first mentor program for MWU PA Program.
- Created curriculum for first Pediatrics course for PA students at Midwestern University, focusing on "Primary Care Pediatrics."

### **June 2002 to Present**

# A.T. Still University, Physician Assistant Program; Mesa, AZ Adjunct Faculty, Clinical Preceptor

 Participate in mentoring and precepting physician assistant students during their second year of clinical rotations

## **July 2014 to Present**

# NAU Physician Assistant Program; Phoenix, AZ Adjunct Faculty

- Provided various lectures to first-year PA students on hospital internal medicine topics
- Participate in mentoring and precepting physician assistant students during their second year of clinical rotations
- Co-creator of Healthcare Leadership and Management course 2<sup>nd</sup> year PA students; Course focuses on Leadership, System Science and Management/Administration for PA students.

#### **CERTIFICATIONS**

- Board certified by the National Commission on the Certification of Physician Assistants (NCCPA) (#1037673)
- Arizona Licensure and full prescriptive rights (AZ #2548)
- NPI #1477536308
- Advanced Cardiac Life Support Certified, February 1997 to present
- Basic Life Support Certified, February 1997 to present
- Fundamental Critical Care Support, Successful completion, August 2004

# PROFESSIONAL AFFILIATIONS

- American Academy of Physician Assistants (AAPA)-Fellow Member
- Arizona State Association of Physician Assistants (ASAPA)-Member
- Association of Postgraduate Physician Assistant Programs-President and Past President; current member
- Physician Assistant Education Association (PAEA)- Member

# PROFESSIONAL ACADEMIC ACHIEVEMENTS

- 1. Past Chair and member, National Collaborative for Improving the Clinical Learning Environment (NCICLE); 2015 to January 2022
- 2. Past Chair and current member, Arizona Nexus for Interprofessional Education and Collaborative Practice; 2015 to present
- 3. **Accreditation Task Force** for Postgraduate PA Training for **ARC-PA/APPAP**; 2014 to December 2020

- 4. Recipient, Littlejohn Alumni Award, Midwestern University, 2016; Award for outstanding alumni and support of PA students and faculty
- National Commission on the Certification for the Physician Assistant (NCCPA) Hospital Medicine Specialty Exam Test Question Author; July 2013 to August 2015
- 6. President elect, President and Immediate Past President, Association of Postgraduate Physician Assistant Programs (APPAP); October Jan. 2014-Dec. 2016
- 7. Association of Postgraduate Physician Assistant Programs (APPAP) 2013 Poster Research Award; Awarded at the AAPA National Conference, May 2013; Washington, D.C
- 8. "Mayo Clinic Arizona Distinguished Allied Health Educator of the Year Award," Presented October 27, 2008; Mayo Clinic Arizona
- 9. **Assistant Professor, Mayo Clinic College of Medicine;** Appointed February 2010
- "Director's Award," for outstanding academic excellence from Midwestern University's Graduate Education Program, Presented May 27, 2001
- 11. **4.0 grade point average**, Midwestern University, Master of Health Professions Education
- 12. **Ninety-sixth percentile+** on the Physician Assistant National Board exam; 1997, 2003, 2009, 2016
- 13. Class of 1997 Physician Assistant Class Salutatorian Award
- 14. **Dean's Honor List,** Midwestern University, College of Allied Health Professionals, June 1995 to May 1997

#### **GRANT EXPERIENCE**

- Thomas Parsons, PhD, Richard Kraatche, MD, Kristen K. Will, PhD, MHPE, PA-C, Gerri Lamb, PhD, David Coon, PhD, Brian Tiffany, MD; "ACE-ing Health Equity: Achieving Connections for Equity through technology and teams," Submitted for ARPA-H Funding August 15, 2023. Co-Investigator and Lead Author
- 2. Richard Kraatche, MD, (Co-PI), Kristen K. Will. PhD(c), MHPE, PA-C (Co-PI), Gerri Lamb, PhD, RN, FAAN, Brad Doebbeling, MD, MS; "Designing the Primary Care Workforce of the Future, Phase 2;" Accepted January 2022 through October 31, 2022
- 3. Kristen K. Will, PhD, MHPE, PA-C (Co-PI), Richard Kratche, MD (Co-PI), Gerri Lamb, PhD, RN, FAAN (Co-Investigator); "The East Valley Collaborative for Health Equity: Reducing health disparities through building capacity in community and primary care;" Submitted March 10, 2022 to NovoNordisk, not funded.
- 4. Gerri Lamb, PhD, RN, FAAN, Kristen K. Will. PhD(c), MHPE, PA-C (Co-Investigator), Brad Doebbeling, MD, MS, Richard Kraatche, MD, MBA; "Designing the Primary Care Workforce of the Future, Phase 1;" Accepted July 2020, completed February 28, 2022 through the ASU-Dignity Health Alliance

- Gerri Lamb, PhD, RN, FAAN, Lise McCoy, EdD, Nina Karamehmedovic, Yvonne Price, Kristen K. Will, MHPE, PA-C (Co-Investigator);
   "Understanding Moral Injury for Healthcare Provider Teams;" Accepted March 2019 through the National Association of Community Health Centers (NACHC)
- 6. Gerri Lamb, PhD, RN, FAAN, Lise McCoy, EdD, Nina Karamehmedovic, Yvonne Price, **Kristen K. Will, MHPE, PA-C (Co-Investigator)**; "Team-Centered Care for Vulnerable Populations;" Funded by the Macy Foundation, completed April 2019
- 7. **Kristen K. Will, MHPE, PA-C (Co-PI),** William Riley, Keith Lindor, David Sklar; "Study Tours on Infection Prevention and Control Best Practices for Egyptian Medical Professionals;" Submitted August 17, 2018
- 8. **Kristen K. Will, MHPE, PA-C (Co-PI)** and Jan Stepanek, MD; "Interprofessional Orientation for Allied Health Professionals Utilizing the Simulation Laboratory;" Submitted for the "Education Endowment Research Award, Mayo Clinic Foundation; Submitted August 2014/Completed September 2015
- 9. Joseph R. Mikhael, MD, **Kristen K, Will, MHPE, PA-C (Co-PI)**, Zachary C. Hartsell, MPAS, PA-C, Mary Peterson, NP, "Nurse Practitioner/Physician Grand Rounds at Mayo Clinic in Arizona Institutional Education Grant; Accepted 2011
- 10. Kristen K. Will, PA-C (Co-PI) & Tina Olson, EdD, RN; "Lessons Learned in Establishing a Mentor Program in Physician Assistant Education." Submitted to Journal of Physician Assistant Education, 2001

#### **PUBLICATIONS**

- 1. **Teresa, L, Will KK.** "Factors which influence healthcare quality for patients for whom English is not their first language from the perspective of medical interpreters." Submitted for publication to *Journal of Transcultural Nursing*, August 20, 2023.
- 2. **Kristen K. Will, PhD, MHPE, PA-C,** Yue Liang, MS, Chih-Lin Chi, Gerri Lamb, Michael Todd, Connie Delaney; "Finding the Team in the Electronic Health Record and Big Data: A Novel Methodological Approach to Studying Team-Based Care;" Accepted for publication, July 2023, *Journal for Patient Centered Research and Reviews*.
- 3. **Will KK**, Mutyala J, Essary AC. Health systems science: A call to action. JAAPA. 2023 Jun 1;36(6):45-46. doi: 10.1097/01.JAA.0000931464.13332.f1. PMID: 37229585.
- 4. Jane Hook, MS, RN, Kristen K. Will, PhD(c), MHPE, PA-C, Richard Kratche, MD; "Integrating a Learning Health-System Framework for the Interprofessional Clinical Learning Environment to Transform Primary Care," Society of Teachers in Family Medicine, Submitted for publication September 2022.
- 5. Bradley N. Doebbeling, MD, MS, Jane Hook MS, Kristen Will PhD, MHPE, PA-C, Richard Kratche MD, Gerri Lamb PhD, RN, FAAN; Redesigning Primary Care Teams' Electronic Health Record (EHR)-related Workflow; Annal of Family Medicine, Submitted for publication August 2022.

- 6. **Kristen K. Will, PhD(c), MHPE, PA-C** & Gerri Lamb, PhD, RN, FAAN; "Teamwork and Informatics: Capturing the work of nurses as team members," Book Chapter, Nursing and Informatics for the 21<sup>st</sup> Century: Practice, Education and EHR Trends, 2021.
- 7. **Kristen K. Will, PhD, MHPE, PA-C,** Gerri Lamb, PhD, RN; "A Theorybased Approach for Identifying Nurse and Team Member Contributions in the Electronic Health Record," Accepted for publication, *Journal of Nursing Scholarship*, October, 2021.
- 8. **Kristen K. Will, PhD, MHPE, PA-C,** Sheri Cosme, RN, FAAN, & Morgan Passiment, MS; "Interprofessional Clinical Learning Environment Workshop Report;" Available on the National Collaborative for Improving the Clinical Learning Environment (NCICLE), www.ncicle.org, published on February 2020.
- 9. **Kristen K. Will, MHPE, PA-C** & Alison Essary, DHSc, MHPE, PA-C; Integrating a System-based Practice Curriculum into Continuing Medical Education: A Novel Approach;" Accepted for publication with revisions, *Journal of Continuing Education for Health Professionals*.
- 10. Kirsten Wilbur, Cyndy Snyder, Alison C. Essary, Swapna Reddy, **Kristen K.** Will; "Developing Workforce Diversity in the Health Professions: A Social Justice Perspective;" *Health Professions Education*; Accepted for Publication, January 30, 2020.
- **11. Kristen K. Will, MHPE, PA-C,** Melissa Johnson, & Gerri Lamb; "Teambased Care and Patient Satisfaction in the Hospital Setting: A systematic review." Submitted for publication to the *Journal of Patient-Centered Care Research and Reviews;* Accepted for publication March 2019.
- **12. Kristen K. Will, MHPE, PA-C**, Jan Stepanek, MD, Kathryn Brewer, PT; Amelia Lowell, RT; Carrlene Donald, MMS, PA-C; Steven Hust, PT; Kathleen Markiewicz, RN; Bella Panchmatia, RN; Travis Shelton, Pharm D, R.Ph.; Barbara Novais, RN, CNP. "Interprofessional Orientation Utilizing Simulation Learning- A Pilot Study." *Journal of Interprofessional Care*. 2016;30(2): 254-256.
- **13. Kristen K. Will, MHPE, PA-C,** Jennifer Williams, MMS, PA-C, Ginny Hilton, PA-C, Laurie Wilson, PA-C, and Holly Geyer, MD. "Perceived Efficacy and Utility of Postgraduate Physician Assistant Education." *Journal of the American Academy of Physician Assistants* 29.3 (2016): 46-48.
- 14. Erin E. Stafford, MPAS, PA-C, **Kristen K. Will, MHPE, PA-C**, Amber N. Brooks-Gumbert, MMS, PA-C. "Management of Hypertensive Urgency and Emergency." Accepted for publication to *Clinician Reviews*, August 2012.
- 15. **Kristen K. Will, MHPE, PA-C**, Adriane I. Budavari, MD, James A. Wilkens, MD, Kenneth Mishark, MD, Zachary C. Hartsell, MPAS, PA-C, "A Hospitalist Postgraduate Training Program for Physician Assistants." Accepted for publication to *Journal of Hospital Medicine*, August 2009.
- 16. Jennifer S. Williams, MMS, PA-C; Kristen Will, MHPE, PA-C, Zachary Hartsell, MPAS, PA-C, Adriane I. Budavari, MD. "Should patients at low-to-moderate cardiac risk undergoing non-cardiac surgery be treated with perioperative beta-blockers?" Accepted for publication to *Journal of American Academy of Physician Assistants*, July 2009.
- 17. Adriane I. Budavari, MD, **Kristen Will, PA-C**, Tyler J. Glenn, MD, John W. Askew, MD, F. David Fortuin, MD. "A Case of Simultaneous Pulmonary Embolism and Acute Myocardial Infarction Secondary to a Previously

- Undiagnosed Patent Foramen Ovale." Accepted for publication *Journal of Hospital Medicine*, November 2008
- 18. Kristen K. Will, MHPE, PA-C & Zachary Hartsell, PA-C; "Current Recommendations for Perioperative Management of Chronic Anticoagulation." Accepted for publication to *Journal of American Academy of Physician Assistants*, November 2003.
- 19. Kristen K. Will, MHPE, PA-C. "A Day in the Life of Kristen K. Will, MHPE, PA-C: A Hospitalist PA." Accepted for publication to *Journal of American Academy of Physician Assistants*, August 2007.
- 20. Certificate of Added Qualifications (CAQ) Examination Test Question Author; National Commission for the Certification of the Physician Assistant (NCCPA); March 2013 to present.

## **PROFESSIONAL PRESENTATIONS**

- Keynote Speaker: "Leading at Every Level: Finding Your Leadership Path," National Advanced Practice Provider Advisory Council (NAAC), May 2023, Phoenix, AZ.
- 2. **Invited Plenary Speaker:** "Advancing the Interprofessional Clinical Learning Environment: A Conversation with NCICLE, IPEC and HPAC," **National Summit for Interprofessional Education and Collaboration**, August 2022
- 3. **Presentation:** "Activating the Nexus in Real-Time to Reduce Disparities," **National Summit for Interprofessional Education and Collaboration,** August 2022
- 4. **Presentation:** "The Optimal Interprofessional Clinical Learning Environment: A Novel Approach for Development of a Needs Assessment Tool to Guide Organizations," **National Summit for Interprofessional Education and Collaboration,** August 2022
- Presentation: "Integrating a Learning Health-System Framework for the Interprofessional Clinical Learning Environment to Transform Primary Care," National Summit for Interprofessional Education and Collaboration, August 2022
- 6. **Presentation:** "Conversation Café: Designing a Readiness Tool for the Optimal IP-CLE," **National Summit for Interprofessional Education and Collaboration,** September-October, 2021
- Presentation: "Optimizing the EHR to Promote Team-Based Primary Care," National Summit for Interprofessional Education and Collaboration, September-October, 2021
- 8. **Invited Presentation:** "Utilizing EHR Data to Study and Measure the Relationship Between Primary Care Teams and Patient Activation" **National Summit for Interprofessional Education and Collaboration,** September-October, 2021
- 9. **Presentation:** "Designing the Interprofessional CLE of the future: lessons from two clinic start-ups" **National Summit for Interprofessional Education and Collaboration,** September-October, 2021
- Presentation: "Strategies for Sustainable Academic-Clinical Partnerships" National Summit for Interprofessional Education and Collaboration, September-October, 2021

- 11. Invited Presentation: "Using Big Data and the EHR to Find the Team: Lesson Learned through Partnership," National Summit for Interprofessional Education and Collaboration, September-October, 2021
- 12. Invited Keynote Presentation: "Leading at Every Level, Finding Your Leadership Courage," University of California San Diego Health System Advanced Practice Provider Conference, September 2021
- 13. Invited Presentation: "Leadership Courage for the APP," University of Pittsburgh Medical Center Advanced Practice Provider Leadership Academy, May 2021
- 14. Invited Presentation: "NCICLE for the APP Leader," University of Pittsburgh Medical Center Advanced Practice Provider Leadership Academy, May 2021
- 15. Invited Presentation: "Emotional Intelligence: Practical Applications for the Advanced Practice Provider," University of Pittsburgh Medical Center Advanced Practice Provider Leadership Academy, May 2021
- 16. **Invited Presentation:** "Preparing New Learners for the Interprofessional Clinical Learning Environment." **Association of Osteopathic Graduate Medical Education**, March 3, 2021
- 17. **Presentation:** "Utilizing the EHR to Create Healthcare Teams: Finding the Hidden Team Members." **NEXUS Summit,** October 22, 2020
- 18. **Invited Presentation:** "Optimizing the Interprofessional Clinical Learning Environment." **Association of Nursing Professional Development,** October 21, 2020
- Invited Presentation: "Building New Pathways for Value Based Healthcare Access, Affordability, and Exceptional Care Outcomes." Association of Value Analysts Professionals National Virtual Conference, October 20, 2020
- 20. **Invited Presentation:** "Integration of Team-Based Practice from Education to Practice." **Association of Independent Academic Medical Centers National Virtual Meeting,** October 8, 2020
- 21. **Presentation:** "Unlocking the Patient Experience: The Patient as Part of the Team." **National Summit for Interprofessional Education and Collaboration,** August 20, 2019, Minneapolis, MN
- 22. Workshop, Presenter: "Innovation in Clinical Team Training: Using Novel Distance Technology to Support Healthcare Teams Caring for Vulnerable Populations." National Summit for Interprofessional Education and Collaboration, August 19, 2019, Minneapolis, MN
- 23. **Workshop, Co-Chair:** "Optimizing the Clinical Learning Environment." One-day workshop for educators, clinicians and accreditors from across the country; **National** 
  - Collaborative for Improving the Clinical Learning Environment (NCICLE), August 18, 2019, Minneapolis, MN
- 24. Workshop, Co-Chair: "Training Healthcare Heroes in the Trenches: Resilience and Team-based Care for Vulnerable Populations." National Summit for Interprofessional Education and Collaboration, July 28-August 1, 2018, Minneapolis, MN
- 25. Poster Presentation: "The Effect of Team-Based Care on Patient Satisfaction in the Acute Care Setting: A Systematic Review." National Summit for Interprofessional Education and Collaboration, July 28-August 1, 2018, Minneapolis, MN

- 26. **Poster Presentation:** "Initial Findings of the Interprofessional Clinical Learning Environment Symposium." **National Summit for Interprofessional Education and Collaboration,** July 28-August 1, 2018, Minneapolis, MN
- 27. **Presentation:** "Partners in Population Health & Innovation." **Institute for Healthcare Improvement**, May 3-6, 2018, Amsterdam, Netherlands
- 28. **Poster Presentation:** "An examination of patient outcomes utilizing a teambased approach to caring for patients with multiple cardiac diagnoses." **Western Institute of Nursing**, April 2018, Spokane, WA
- 29. Workshop: "Developing Workforce Diversity in the Health Professions: From Pipeline to Practice." 7<sup>th</sup> Conference for Education and Social Justice, December 1-3, 2017, Honolulu, HI
- 30. **Poster Presentation:** "Integrating the Science of Health Care Delivery Curriculum into Graduate Medical Education." **Institute for Healthcare Improvement**, May 2-4, 2017, London, England
- 31. **Presentation:** "The Science of Health Care Delivery: Key Concepts for Physician Assistants." **Arizona State Association of Physician Assistants** (**ASAPA**), March 3, 2017; Sedona, AZ
- 32. **Poster Presentation:** "Integrating a Systems-Based Practice Curriculum into Graduate Medical Education: A Pilot Study," **American Association of Medical Colleges;** May 3-5<sup>th</sup>, 2016; Chicago, IL
- 33. **Poster Presentation:** "The Science of Health Care Delivery: Improving the Healthcare System through Research and Education." **Institute for Healthcare Improvement 27**<sup>th</sup> **Annual National Forum on Quality Improvement in Heath Care,** Dec. 6-9<sup>th</sup>, 2015; Orlando, FL
- 34. Invited Presentation: "What is the Science of Health Care Delivery?" Mayo Clinic Arizona Graduate Medicine Education Faculty Development Workshop, Oct. 26, 2015
- 35. **Invited Presentation:** "Interprofessional Orientation Utilizing Simulation Learning." **Mayo Clinic Arizona Nursing Symposium,** Oct. 23, 2015
- 36. **Poster Presentation:** "Efficacy and Perceived Utility of Postgraduate PA Education Programs," **AAPA National Conference,** San Francisco; May 2015
- 37. **Presentation:** "Care of the Hospitalized Patient with Pneumonia," **AAPA**National Conference; May 2015
- 38. **Poster Presentation:** Interprofessional Orientation Utilizing Simulation Learning-A Quality Improvement Study. **Mayo Clinic Arizona Symposium**; April 2015
- 39. Invited Presentation: "Interprofessional Education for Postgraduate Physician Assistant Education," Association of Postgraduate Physician Assistant Programs, Boston, MA; May 2014
- 40. **Presentation:** "To Clear or not to Clear: Performing the Preoperative Medical Evaluation," **AAPA National Conference**; May 2014
- 41. "Common GI Cases in the Hospitalized Patient," Interactive Case Presentation, **AAPA National Conference**, Boston, MA; May 2014
- 42. **Poster Presentation:** Interprofessional Orientation Utilizing Simulation Learning for Physician Assistants;" Presented at **AAPA National** Conference, Boston, MA; May 2014
- 43. **Poster Presentation:** "Efficacy and Perceived Utility of a Postgraduate Physician Assistant Hospitalist Training Program;" Presented at **AAPA National Conference**, Washington D.C.; May 2013

- 44. **Presentation:** "A Case-Based Approach to an age-old Problem," **AAPA National Conference**; May 2013
- 45. **Presentation:** "To Clear or not to Clear: Performing the Preoperative Medical Evaluation," **American Association of Family Practice Physician Assistants Fall conference;** May 2012
- 46. **Presentation:** "Evaluation and Management of Acute Venous Thromboembolism," **AAPA National Conference**; May 2012
- 47. **Presentation:** "To Clear or not to Clear: Performing the Preoperative Medical Evaluation," **AAPA National Conference**; May 2012
- 48. Invited Presentation: "Application of Simulated Learning in Fellowship Programs," Mayo School of Health Sciences Faculty Development Workshop; Mayo Clinic Hospital in Arizona; November 2011
- 49. **Presentation:** "Care of the Hospitalized Patient with Pneumonia," **AAPA** National Conference; May 2010
- 50. **Presentation:** "Evaluation and Management of Acute Venous Thromboembolism," **AAPA National Conference;** May 2010
- 51. **Invited Plenary Speaker**, "Development of a PA Hospitalist Postgraduate Training Program," **Society of Hospital Medicine**, San Diego, March 2010
- 52. **Presentation:** "Hypertensive Urgency and Emergency," **Hospital Medicine NP/PA Clinical Review**; Mayo Clinic Rochester, October 2009
- 53. **Presentation:** "Acute Alcohol Withdrawal," **AAPA National Conference**; May 2009
- 54. **Presentation:** "The Hospitalist PA: Past, Present, and Future," **AAPA National Conference**; May 2007
- 55. **Presentation:** "Hypertensive Urgency and Emergency: New Treatment Strategies to an Old Problem," **AAPA National Conference**; May 2007
- 56. **Poster Presentation:** "Ozcam's Razor in Action: Simultaneous Pulmonary Embolism and Acute Myocardial Infarction Secondary to a Previously Undiagnosed Patent Foramen Ovale;" Presented at Society of Hospital Medicine Conference, May 24, 2007.
- 57. **Presentation:** "Acute alcohol Withdrawal in the Hospitalized Patient," **Mayo** Clinic Hospital; October 2006
- 58. Presentation: "Alcohol Withdrawal," ASAPA Spring CME; April 2005
- 59. **Presentation:** "Commonly Abused Substances," **ASAPA Fall CME**; October 2004.
- 60. **Presentation:** "Common Electrolyte Disturbances," **AAPA National** Conference: June 2004
- 61. **Presentation:** "Perioperative Management of Chronic Anticoagulation," **AAPA National Conference**; June 2004
- 62. **Presentation:** "New Strategies and Management of Postoperative Delirium," **AAPA National Conference;** June 2003, June 2004, May 2007, May 2009
- 63. **Presentation:** "Perioperative Management of Chronic Anticoagulation," **ASAPA Spring CME**; April 2004
- 64. **Presentation:** "Pulmonary Emboli," **Mayo Clinic Hospital,** Phoenix, AZ; September 16, 2003
- 65. **Presentation:** "Atrial Fibrillation," **Mayo Clinic Hospital,** Phoenix, AZ; July 25, 2003
- 66. Presentation: "Lessons learned in establishing a mentor program," 2001 Association of Physician Assistant Programs Education Forum, October 19, 2001

#### **RESEARCH**

1. "Designing the Primary Care Workforce of the Future;" Submitted for IRB at Arizona State University, January 2022. Co-PI:, Richard Kraatche, MD, Co-PI: **Kristen K. Will, PhD(c), MHPE, PA-C**, Gerri Lamb, PhD, RN, FAAN, Brad Doebbeling, MD, MS

- 2. "Designing the Primary Care Workforce of the Future;" Submitted for IRB at Arizona State University, July 2020. PI: Gerri Lamb, PhD, RN, FAAN, Co-PI: **Kristen K. Will, PhD(c), MHPE, PA-**C and Brad Doebbeling, MD, MS
- 3. "Team-based Care and Patient Activation: A Pilot Study;" Submitted for IRB at University of Minnesota and Arizona State University, March 2019. PI: Gerri Lamb, PhD, RN, FAAN (ASU) and Connie Delaney, PhD, RN, FAAN (University of Minnesota); PhD student: **Kristen K. Will. MHPE, PA-C**
- 4. "Moral Injury and Healthcare Providers;" Accepted by the National Association for Community Healthcare Centers, March 2019; Principal Investigator: Gerri Lamb, PhD, RN, FAAN; Co-Principal Investigator: Lise McCoy, EdD, CHES; Member of research team: **Kristen K. Will, MHPE, PA-C**
- 5. "Team-Centered Care for Vulnerable Populations: A comprehensive approach to educating and supporting primary care teams;" Accepted by Josiah Macy Foundation, President's Award January 1, 2018-present. Principle Investigator: Gerri Lamb, PhD, RN, FAAN; Co-Principal Investigator: Lise McCoy, EdD, CHES; Member of research team: **Kristen K. Will, MHPE, PA-C**
- "Interprofessional Orientation Utilizing Simulation Learning." Approved by the Mayo Clinic in Arizona Institutional Review Board October 2013.
   Principle investigator: Kristen K. Will, MHPE, PA-C; Co-investigator: Rebecca Wilson, RN, PhD
- 7. Efficacy and Perceived Utility of Postgraduate Physician Assistant Training Programs." Approved by the Mayo Clinic in Arizona Institutional Review Board, February 2014. Principle Investigator: **Kristen K. Will, MHPE, PA-**C; Co-investigator: Holly Geyer, MD
- 8. "Demographic analysis of applicants applying to a postgraduate physician assistant program in hospital medicine." Approved by Mayo Clinic in Arizona Institutional Review Board, February 2013. Current study analysis underway. Co-Investigators: Zachary C. Hartsell, MPAS, PA-C; **Kristen K. Will, MHPE**, PA-C; Holly Geyer, MD
- 9. "Risks associated with using perioperative heparin on patients needing chronic anticoagulation." Approved by Mayo Clinic in Arizona Institutional Review Board, September 2007. Current study closed due to staffing change.

Co-investigators: Farrell Lloyd, MD; **Kristen K. Will, MHPE**, PA-C; Zachary C. Hartsell, MPAS, PA-C

### **COMMITTEE PARTICIPATION**

- Interprofessional Education and Collaborative Practice Affinity Network; Co-Founder and participant; Fall 2020 to present
- Project Echo Interprofessional Education Workgroup; April 2023 to present
- Science of Health Care Delivery (SHCD) MS Redesign Executive Committee; Co-lead for redesign of the MS SHCD degree program, March 2023 to present.
- Mayo Clinic Arizona Health Systems Science Conference Planning Committee; Member of the planning committee for upcoming conference hosted by Mayo Clinic Arizona, March 2024.
- Provost Executive Leadership Team for Interprofessional Continuing Education Accreditation; Co-lead on taskforce created by the Provost to obtain accreditation as a nationally recognized provider of Interprofessional Continuing Education through the Joint Accreditation for Interprofessional Continuing Education; September 2017 to present
- ASU Faculty Senate; Elected representative for College of Health Solutions;
  April 2019 to 2022
- **ASU IPE Coalition**; 2021 to present.
- Graduate Curriculum Committee, College of Health Solutions /Science of Health Care Delivery; Current Co-Chair, August 2017 to 2020 and May 2022 to present
- College of Health Solutions Faculty Workload Distribution, Participant, December 2018 to 2020
- College of Health Solutions Personnel Ad Hoc Committee; January 2020 to present
- College of Health Solutions Scholar Funds Committee, Chair, December 2018 to present
- Accreditation Task Force & Standards Committee for Postgraduate PA Education, Accreditation Review Commission on Education for the Physician Assistant (ARC-PA), January 2016 to July 2020
- National Collaborative on Improving the Clinical Learning Environment (NCICLE); steering committee member and current immediate past chair; February 2017 to January 2022
- Education Committee, Mayo Clinic in Arizona; member January 2011-2015 (First Advanced Practice Provider to serve on committee)
- Midwestern University Alumni Senate; Alumni Senator, June 2011 to 2017
- Arizona State University Interprofessional Education Workgroup;
  Member 2013 to 2017
- Mayo Clinic in Arizona Simulation Center Operations Subcommittee; member June 2014 to August 2015
- Nurse Practitioner/Physician Assistant Grand Rounds, Mayo Clinic in Arizona, Curriculum Subcommittee Chair; September 2011 to 2015

- Mayo School of Health Sciences Academic Affairs Subcommittee; member 2010-2011
- Mayo Clinic Arizona, Patient Safety Committee; member 2003-2004
- Mayo Clinic Arizona, PA/NP Society; Chair, January 1, 2007-December 31, 2008

#### PROFESSIONAL MENTOR

- Brooks-Gumbert, Amber (Junior Physician Assistant, Hospital Internal Medicine, Mayo Clinic in Arizona; served as informal mentor and coauthored paper on hypertensive urgency and emergency (#1) (2008-2022)
- Stafford, Erin (Junior Physician Assistant, Hospital Internal Medicine, Mayo Clinic in Arizona 2012-2017); served as informal mentor and co-authored paper on hypertensive urgency and emergency (#1) (2009-2015)
- Williams, Jennifer (Junior Physician Assistant, Hospital Internal Medicine, Mayo Clinic in Arizona); served as informal mentor and co-authored paper on perioperative beta-blockers (#3) (2008-2015)
- Victoria Canada, MS, SLP-CCC; Mentee, College of Health Solutions (2020 to present)
- Adrienne Madhavpeddi, MS; Mentee, College of Health Solutions (2020-2022)
- Jennifer Ratigan, AuD; Mentee, College of Health Solutions (2022 to present)

## TEACHING EXPERIENCE & STUDENT MENTORSHIP

- Interdisciplinary Approach to Healthy Lifestyles, MS Science of Health Care Delivery, Fall 2015, Fall 2016
- High Value Patient-Centered Care, MS Science of Health Care Delivery program, Fall 2017
- Capstone Faculty Lead, MS SHCD on-ground cohort, 2015-2016 & 2016-2017; July 2022 to present
- Capstone Faculty Lead, MS SHCD online cohort, 2017-2018 and 2018-2019 to 2022
- Faculty Lead for Student Capstone Projects:
  - o Over 500 student capstone projects mentored since 2015
  - Mentor responsibilities include guiding student projects from inception to completion; liaison with community partners; P.I. for IRB student proposals

#### **VOLUNTEER ACHIEVEMENTS**

- Professional Volunteer, Physician Assistant, Circle the City, Subacute respite care for persons experiencing homelessness; January 2018 to present
- National Charity League; September 2016 to 2022
- Girl Scout Troop Leader, August 2011 to 2015; Pine Council, Phoenix, AZ

 Cellist, since age 5; Volunteer guest musician Valley Presbyterian Church and Christ Church Lutheran, August 1999 to present

### **REFERENCES**

- Joseph Mikhael, MD, MEd; Chief Medical Officer; International Myeloma Foundation; <a href="mailto:jmikhael@myeloma.org">jmikhael@myeloma.org</a>
- Bettie Coplan, PhD, PA-C; Associate Professor, Physician Assistant Department, Northern Arizona University
- Alison Essary, DHSc, MHPE, PA-C; Clinical Professor and Chair, Physician Assistant Department, Northern Arizona University