

Curriculum Vitae and Bibliography

Kara L Mangold, DNP, RN, CCTN, CNE, EBP-C

Personal Information

Citizenship: United States of America
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Present Academic Rank and Position

Adjunct Faculty/Faculty Associate/Instructor – Edson College of Nursing and Health Innovation-Arizona State University, Phoenix, Arizona 2011 - Present
Assistant Professor of Nursing - Mayo Clinic College of Medicine and Science 2016 - Present
Senior Education Specialist-Center for Individualized Medicine, Mayo Clinic 2019 - Present

Education

University of Mary, Bismarck, ND - BS, Nursing 2000
Winona State University, Winona, MN - MS, Nursing 2005
Arizona State University, Phoenix, AZ – DNP, Advanced Nursing Practice (Innovation Leadership) 2015

Additional Education

Association of College and University Educators Effective Teaching Practices Certificate 2018

Certification

Board Certifications

American Board for Transplant Certification (ABTC)

Certified Clinical Transplant Nurse (CCTN) 2012 - 2024

American Heart Association (AHA)

Advanced Cardiovascular Life Support (ACLS) 2001 - 2021

Basic Life Support (BLS) 2001 - 2021

American Nurses Credentialing Center (ANCC)

Cardiac/Vascular Nurse (RN-BC) 2011 - 2016

Nursing Professional Development (RN-BC) 2012 - 2022

Helene Fuld Health Trust National Institute for Evidence-based Practice in Nursing and Healthcare

Evidence-Based Practice Certified (EBP-C) 2019 - 2024

National League for Nursing

Certified Nurse Educator (CNE) 2016 - 2026

Mayo Clinic Quality Academy

Mayo Clinic Quality Fellow: Bronze Level Certification 2011

Mayo Clinic Quality Fellow: Silver Level Certification 2015

Licensure

Arizona	RN120744 (Registered Nurse (RN))	10/2002 - 2026
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Honors and Awards

Education Science Career Development Award - Mayo Clinic Office of Applied Scholarship and Education Science, Phoenix, Arizona	2018
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Previous Professional Positions and Major Appointments

Registered Nurse, Charge Nurse, Preceptor, Cardiology - Department of Nursing, Mayo Clinic, Rochester, Minnesota	2000 - 2006
Adjunct Faculty Member; Undergraduate Nursing Program - College of Nursing, Winona State University-Rochester Center, Rochester, Minnesota	2005
Registered Nurse Inpatient - 2W Intensive Care Unit - Department of Nursing, Mayo Clinic, Phoenix, Arizona	2006 - 2007
Unit Based Educator - 3W Intermediate/Transplant - Department of Nursing, Mayo Clinic, Phoenix, Arizona	2007 - 2016
Instructor in Nursing - Mayo Clinic College of Medicine and Science	2011 - 2016
Nursing Education Specialist - Department of Nursing, Mayo Clinic, Phoenix, Arizona	2017 - 2019

Service**Community Memberships and Services**

All Star Kid's Tutoring Tutor	2007 - 2011
American Cancer Society Medical Staff Volunteer	2009 - 2013
FBR/Waste Management Open Golf Tournament Medical Support Staff	2008 - 2011
Fry's Golf Tournament Medical Support Staff	2008
Maggie's Place Other	2011 - 2013
The God's Child Project Medical Volunteer	2008
Villages at Mayo Clinic: Transplant House Other	2010 - 2019
Home Fur Good Animal Rescue Other	2018 - Present

Professional Memberships and Societies**Professional Memberships**

American Association of Critical-Care Nurses Member	2006 - 2019
American Nurses Association Member	2013 - 2019
Arizona Nurses Association Member	2013 - 2019
International Transplant Nurses Society Member	2011 - 2014

Sigma Theta Tau International, Honor Society of Nursing
Beta Upsilon Chapter
Member

1999 - Present

Service

Continuing Nursing Education Group
Reviewer of Continuing Nursing Education Applications

2017 - Present

Education Interests and Accomplishments**Curriculum and Course Development**

Intermediate/Transplant Unit Opening Education Coordinator 2007

Planned, organized, and developed a five day education program for RNs hired to work on a new nursing unit in the hospital. Responsible for determining learning needs, developing curriculum, coordinating agendas, inviting speakers, developing presentations, and providing contact hours.

Solid Organ Transplant Mandatory Education 2008 - Present

Developed and reviewed annual required education for nurses and allied health staff who care for solid organ transplant recipients
Mayo Clinic
Phoenix, Arizona

Nurse Planner: Provider of Continuing Education Credit 2008 - Present

Plan activities and complete appropriate forms to provide continuing education credits for nursing education.

Nursing Care of the Solid Organ Transplant Patient and Living Donor Course Coordinator 2008 - Present

Plan, organize and develop biannual course for a two day education program for nurses new to care of the solid organ transplant and living donor patient population. Responsible for determining learning needs, developing curriculum, coordinating agendas, inviting speakers, developing presentations, presenting information, and providing contact hours.

Critical Care Nursing Course Co-Coordinator 2008 - 2017

Plan, organize, develop, and instruct biannual 12-week educational program for nurses new to critical care nursing. Responsible for determining learning needs, developing curriculum, developing presentations, and facilitating high-fidelity simulation.

3 West Professional Development Days Coordinator 2008 - 2018

Plan, organize, and develop quarterly education program for all nursing staff working on 3 West. Responsible for determining learning needs, developing curriculum, coordinating agendas, inviting speakers, developing presentations, presenting information, and providing contact hours. Incorporation of high fidelity simulation into education starting in 2010.

Successful Precepting 2009

Mayo Clinic in Arizona Nursing Noon Series
Phoenix, Arizona

Introduction to 12 Lead ECG Interpretation for Nurses 2009 - 2018

Plan, develop, and deliver a one-day course on basic 12 Lead ECG Concepts
Mayo Clinic
Phoenix, Arizona

PCA Team Days Co-Coordinator 2009 - 2010

Planned, organized, and developed education program for PCA staff working at Mayo Clinic Hospital. Responsible for determining learning needs, developing curriculum, coordinating agendas, inviting speakers, developing presentations, and presenting information.

<p><u><i>The Heart of the Art of Nursing: Understanding and Applying Emotional Intelligence in Nursing Practice</i></u> Mayo Clinic in Arizona Nursing Noon Series Phoenix, Arizona</p>	2012
<p><u><i>Mayo Clinic in Arizona Inpatient Nursing Preceptor Program Co-Coordinator</i></u> Plan, organize, and develop education program for inpatient nurses who are involved with precepting. Program includes two courses, an initial program for those new to precepting, and an advanced course for those who have been precepting for greater than 2 years. Programs include didactic education and the use of simulation.</p>	2013
<p><u><i>Ideas to Action: Giving a Podium Presentation</i></u> Mayo Clinic in Arizona Nursing Presentation and Publication Series Mayo Clinic Phoenix, Arizona</p>	2015
<p><u><i>Nursing 501</i></u> Individual and Innovation Leadership in Advanced Nursing Practice: a three semester hour required course for masters of nursing students. Curriculum revision in 2017; moved to fully online in 2021. Arizona State University College of Nursing and Health Innovation Phoenix, Arizona</p>	2017-Present
<p><u><i>The Nursing Professional Development Model and Standards</i></u> A course designed to develop strategies to apply the Nursing Professional Development Model and Standards to professional practice Mayo Clinic Phoenix, Arizona</p>	2017
<p><u><i>Needs Assessment: Implementing the Standard</i></u> A course designed to Develop educational outcomes that reflect competence, learning, and change and analyze an education evaluation plan for strengths, weaknesses, opportunities, and threats. Mayo Clinic Phoenix, Arizona</p>	2018
<p><u><i>Outcome Identification and Evaluation Planning</i></u> A course designed to Develop educational outcomes that reflect competence, learning, and change and analyze an education evaluation plan for strengths, weaknesses, opportunities, and threats. Mayo Clinic Phoenix, Arizona</p>	2018
<p><u><i>Planning and Implementation of Nursing Professional Development</i></u> A course designed to identify teaching modalities, including the advantages and disadvantages of each. Mayo Clinic Phoenix, Arizona</p>	2018
<p><u><i>Introduction to Evidence-Based Practice</i></u> A course designed to introduce the steps to implement evidence-based practice in nursing work. Mayo Clinic Phoenix, Arizona</p>	2018- 2019
<p><u><i>REDCap Course</i></u> A course designed to show educators how to use the application for education assessment and evaluation Mayo Clinic Phoenix, Arizona</p>	2019

<u><i>Innovating Required Education with Gaming and Collaboration</i></u>	2019
A course designed to show educators small group learning strategies that are low-tech, active and collaborative in nature.	
Mayo Clinic Phoenix, Arizona	
<u><i>Doctor of Nursing Practice 708</i></u>	2019- Present
Systems Thinking in a Complex Environment - a three semester hour required course for Doctorate of Nursing Practice Students. Assumed course lead and completed revision of curriculum based on stakeholder input for 2019.	
Arizona State University Edson College of Nursing and Health Innovation Phoenix, Arizona	
<u><i>EPD Dashboard and Education Plan and Summary</i></u>	2019
A course designed to help educators show their value and communicate with key stakeholders regarding educational initiatives.	
Mayo Clinic Phoenix, Arizona	
<u><i>Advanced Evidence-Based Practice and Quality Improvement Workshop</i></u>	2019
A course designed to provide nursing staff with the project planning tools to move forward with successful implementation of quality improvement and EBP efforts.	
Mayo Clinic Phoenix, Arizona	
<u><i>Nursing Journal Club Facilitator Workshop</i></u>	2019
A course designed to give nurses the skills and tools needed to implement a journal club in the practice area.	
Mayo Clinic Phoenix, Arizona	

Teaching

<u><i>Basic ECG Instructor, Essentials of Progressive and Intensive Care Program</i></u>	2002 - 2006
Mayo Clinic Department of Nursing. Instructor of a two day ECG class for all RN staff hired to work in progressive and intensive care. Rochester, Minnesota	
<u><i>Departmental RN Superuser for Computer Charting Initiative</i></u>	2003 - 2005
Assisted with education in the classroom and on the unit for inpatient nurses using the electronic medical record. Mayo Medical Center Rochester, Minnesota	
<u><i>Coronary Artery Disease Risk Factors Presentation for Nicotine Dependence Center Patients</i></u>	2004 - 2006
Mayo Medical Center Rochester, Minnesota	
<u><i>Successful Precepting</i></u>	2009
Mayo Clinic in Arizona Nursing Noon Series Phoenix, Arizona	
<u><i>Cerner® Electronic Medical Record Education</i></u>	2010
Provided education for a 40 hour education course for RN staff in critical care and intermediate care areas on use of a new medical record. Phoenix, Arizona	
<u><i>5 West Team Days</i></u>	2011 - Present
Provided education on emergency management and mock codes in a simulation environment for RN and PCA staff on 5 West, an inpatient neurology/ENT/Plastics medical-surgical floor at Mayo Clinic Hospital. Phoenix, Arizona	

<u><i>Nursing Concepts for Adult Health</i></u>	2011 - 2013
Coordinate, lecture and evaluate 3 credit undergraduate nursing course with a focus on adult health nursing. Course is completed during the junior year of the Arizona State University undergraduate nursing program. Incorporated simulation into didactic education for fall 2011 session to enhance learning Arizona State University/Mayo Clinic Nursing Collaboration Phoenix, Arizona	
<u><i>The Heart of the Art of Nursing: Understanding and Applying Emotional Intelligence in Nursing Practice</i></u>	2012
Mayo Clinic in Arizona Nursing Noon Series Phoenix, Arizona	
<u><i>3 East Team Days</i></u>	2012
Provided education on emergency management and mock codes in a simulation environment for RN and PCA staff on 3 East, an inpatient orthopedics and urology medical-surgical floor at Mayo Clinic Hospital. Mayo Clinic Phoenix, Arizona	
<u><i>7 East Team Days</i></u>	2012
Provided education on emergency management and mock codes in a simulation environment for RN staff on 7 East, an inpatient medical-surgical floor at Mayo Clinic Hospital. Phoenix, Arizona	
<u><i>Teaching assistant for Social Work 591: Interprofessional Health Care Practice for Nurses and Social Workers</i></u>	2014
A one semester hour elective for nursing and social work students. Arizona State University School of Social Work and Edson College of Nursing and HealthInnovation Phoenix, Arizona	
<u><i>Teaching Assistant for Doctor of Nursing Practice 709</i></u>	2014
Individual and Innovation Leadership in Practice, a three semester hour required course for Doctorate of Nursing Practice Students. Arizona State University Edson College of Nursing and Health Innovation Phoenix, Arizona	
<u><i>Doctor of Nursing Practice 715 Faculty</i></u>	2015 - 2018
Dynamics and Principles of Information in Healthcare - a three semester hour required course for Doctorate of Nursing Practice Students Arizona State University Edson College of Nursing and Health Innovation Phoenix, Arizona	
<u><i>Doctor of Nursing Practice 714 Faculty</i></u>	2015 - Present
Professional Relationships in Healthcare a three semester hour required course for Doctorate of Nursing Practice Students Arizona State University Edson College of Nursing and Health Innovation Phoenix, Arizona	
<u><i>Teaching Assistant for Nursing 640</i></u>	2015
Integrative Theories of Innovation, a three semester hour course for Doctorate of Nursing Practice Students Arizona State University Edson College of Nursing and Health Innovation Phoenix, Arizona	

<u><i>Ideas to Action: Giving a Podium Presentation</i></u>	2015
Mayo Clinic in Arizona Nursing Presentation and Publication Series Mayo Clinic Phoenix, Arizona	
<u><i>Doctor of Nursing Practice 709 Faculty</i></u>	2015 - 2017
Individual and Innovation Leadership in Practice, a three semester hour required course for Doctorate of Nursing Practice Students Arizona State University Edson College of Nursing and Health Innovation Phoenix, Arizona	
<u><i>Social Work 591: Interprofessional Health Care Practice for Nurses and Social Workers Faculty</i></u>	2015 - 2017
A one semester hour elective for nursing and social work students Arizona State University School of Social Work and Edson College of Nursing and HealthInnovation Phoenix, Arizona	
<u><i>Outcomes Based Education: Tools for Success</i></u>	2016
Clinical and Patient Education Mayo Clinic Phoenix, Arizona	
<u><i>Nursing 640 Faculty</i></u>	2016- Present
Integrative Theories of Innovation, a three semester hour required course for Doctorate of Nursing Practice Students Arizona State University Edson College of Nursing and Health Innovation Phoenix, Arizona	
<u><i>Nursing 431 Faculty</i></u>	2016
Professional Nurse Attributes: Innovative Professional, a three semester hour required course for Pre-licensure baccalaureate of nursing students Arizona State University Edson College of Nursing and Health Innovation Phoenix, Arizona	
<u><i>Doctor of Nursing Practice 708</i></u>	2017 - Present
Systems Thinking in a Complex Environment - a three semester hour required course for Doctorate of Nursing Practice Students. Assumed course lead and completed revision of curriculum based on stakeholder input for 2019. Arizona State University Edson College of Nursing and Health Innovation Phoenix, Arizona	
<u><i>Nursing 501 Faculty</i></u>	2017 - Present
Individual and Innovation Leadership in Advanced Nursing Practice: a three semester hour required course for masters of nursing students. Arizona State University Edson College of Nursing and Health Innovation Phoenix, Arizona	
<u><i>DNP 602 Faculty</i></u>	2022 – Present
Evaluating Research for Practice: a three semester hour required course for masters of nursing students Arizona State University Edson College of Nursing and Health Innovation Phoenix, Arizona	

Mentorship

<u><i>Grumbo, Lois (Master of Science in Nursing Student)</i></u>	01/2011
Description: Provided guidance to a student in the Master's Program in Nursing Education at Arizona State University. Guided student through didactic teaching experience, including content development, classroom instruction, and exam evaluation.	
Current Status: Master's in Nursing Program - Arizona State University	
Outcome: Program Completion	

<p><u>Shirley, Brittany (Master of Science in Nursing Student)</u> Description: Provided guidance to a student in the Master's Program in Nursing Education at Arizona State University. Guided student through didactic teaching experience, including content development, classroom instruction, and exam evaluation. Current Status: Master's in Nursing Program - Arizona State University Outcome: Program Completion</p>	01/2011
<p><u>Thorp, Andrea (Master of Science in Nursing Student)</u> Description: Applied Project Mentor: Nursing Care Plan Education Current Status: Master's in Nursing Program, University of Phoenix Outcome: Program Completion</p>	01/2014
<p><u>Velez, Lyda (Master of Science in Nursing Student)</u> Description: Applied Project Mentor: Kidney Transplant Hospital Readmissions Current Status: Master's in Nursing Program, University of Phoenix Outcome: Program Completion</p>	01/2014
<p><u>Backers, Janet (Doctor of Nursing Practice Student)</u> Description: Provided guidance and mentorship to a student in the Doctorate of Nursing Practice Program at Arizona State University. Guided student through practicum experience and meeting DNP essentials. Current Status: Doctorate of Nursing Practice Program, Arizona State University Outcome: Program Completion</p>	01/2016 - 05/2017
<p><u>Collett, Samantha (Doctor of Nursing Practice Student)</u> Description: Provided guidance and mentorship to a student in the Doctorate of Nursing Practice Program at Arizona State University. Guided student through final DNP project and meeting DNP essentials. Current Status: Doctorate of Nursing Practice Program, Arizona State University Outcome: Program Completion</p>	01/2016 - 05/2017
<p><u>Shirley, Brittany (Doctor of Nursing Practice Student)</u> Description: Provided guidance and mentorship to a student in the Doctorate of Nursing Practice Program at Arizona State University. Guided student through practicum experience and meeting DNP essentials. Current Status: Doctorate of Nursing Practice Program, Arizona State University Outcome: Program Completion</p>	08/2016 - 12/2016
<p><u>Crossan, Jacqueline (Doctor of Nursing Practice Student)</u> Description: Provided guidance and mentorship to a student in the Doctorate of Nursing Practice Program at Grand Canyon University. Guided student through practicum experience and meeting DNP essentials. Current Status: Doctorate of Nursing Practice Program, Arizona State University Outcome: Pending Program Completion</p>	01/2017 - 05/2018
<p><u>Chesebrough, Geri (Doctor of Nursing Practice Student)</u> Description: Provided guidance and mentorship to a student in the Doctorate of Nursing Practice Program at Arizona State University. Guided student through practicum experience and meeting DNP essentials. Current Status: Doctorate of Nursing Practice Program, Arizona State University Outcome: Program Completion</p>	05/2017 - 05/2018
<p><u>Storto, Pamela (Doctor of Nursing Practice Student)</u> Description: Provided guidance and mentorship to a student in the Doctorate of Nursing Practice Program at Arizona State University. Guided student through practicum experience and meeting DNP essentials. Current Status: Doctorate of Nursing Practice Program, Arizona State University Outcome: Program Completion</p>	05/2017 - 05/2018
<p><u>Chase, Julia (Doctor of Nursing Practice Student)</u> Description: Provided guidance through master's certificate in nursing education for student attending the University of Nebraska. Guided student through practicum experience and meeting course objectives. Current Status: Doctorate of Nursing Practice Program, University of Nebraska Outcome: Program Completion</p>	01/2018 - 05/2018

Dailey, Stephanie (Doctor of Nursing Practice Student) 05/2018 – 05/2019

Description: Provided guidance and mentorship to a student in the Doctorate of Nursing Practice Program at Arizona State University. Guided student through practicum experience and meeting DNP essentials.

Current Status: Doctorate of Nursing Practice Program, Arizona State University

Outcome: Program Completion

Aliory, Christine 2018 – 2019

Description: Mentor for research project: Increasing Awareness of Opioid Disposal in the Orthopedic Patient Population

Current Status: Complete, Mayo Clinic

Salmon, Melisa 05/2021—Present

Description: Provided guidance and mentorship to a student in the Doctorate of Nursing Practice Program at Arizona State University. Guided student through practicum experience and meeting DNP essentials.

Current Status: In Progress_

Institutional/Departmental Administrative Responsibilities, Committee Memberships and Other Activities

Mayo Clinic

Department of Nursing Registered Nurse Exchange Program
Liaison 2006

Mayo Clinic in Rochester

Department of Nursing
Department Committees
Annual Heart Disease and Stroke Conference Planning Task Force
Member 2004 - 2014

Division Committees
Medical Cardiac Staff Development Committee
Member 2000 - 2002
Chair 2002 - 2004

Mayo Clinic in Rochester
Department of Nursing
Department Committees
Best Practice Initiative Implementation
Safety Coach 2002 - 2005

Mayo Clinic in Arizona

Department of Nursing
Nursing Education Council Member 2009 - 2013

Unit Committees
3 West Unit Based Team
Education Liaison 2008 - 2018

Mayo Clinic Arizona Committees
Executive Operations Team
Education Committee
Nursing Education Subcommittee 2007 - 2009

Research Operations Management Team
Nursing Research Subcommittee

Secretary	2016 - 2017
Vice Chair	2017
Chair	2018 - Present
Nursing Executive Council	
Nursing Quality Subcommittee	
Member	2012 - 2014
Nursing Quality Workgroup	
Member	2011
Mayo Clinic in Arizona	
Department of Nursing	
Department Committees	
Nursing Preceptor Planning Committee	
Member	2011 - 2013
Course Facilitator	
Department Workgroups	
Transplant Center Inpatient/Outpatient Workgroup	
Member	2009 - 2010
Activities at Other Institutions	
Arizona Chapter of the International Transplant Nurses' Society Board	
Member	2012 - 2014

Bibliography

Peer-reviewed Articles

1. **Mangold KL**, Pearson KK, Schmitz JR, Scherb CA, Specht JP, Loes JL. Perceptions and characteristics of registered nurses' involvement in decision making. *Nurs Adm Q.* 2006 Jul-Sep; 30(3):266-72. PMID: 16878012
2. **Mangold K**. Educating a new generation: teaching baby boomer faculty about millennial students. *Nurse Educ.* 2007 Jan-Feb; 32(1):21-3. PMID: 17220763
3. **Mangold K**, Markiewicz, K. Integrating an Obesity Simulation into Baccalaureate Nursing Education. *Clin Simulation Nurs.* 2014;10:(9):476-484.
4. **Mangold K**, Denke NJ, Gorombe D, Ostroski TL, Root L. Principles of Successful Partnerships. *Nursing Administration Quarterly.* 2014; 38:4.
5. **Mangold K**. Utilization of the simulation environment to practice teach-back with kidney transplant patients *Clinical Simulation in Nursing.* 2016; 12: (12)532-8. DOI: <http://dx.doi.org/10.1016/j.ecns.2016.08.004>
6. **Mangold K**, Pearson J. Making Sense of Nursing-Sensitive Quality Indicators. *J Nurses Prof Dev.* 2017 May/Jun; 33 (3):159-160 PMID: 28472004 DOI: 10.1097/NND.0000000000000323
7. **Mangold K**, Tyler B, Velez L, Clark C. Peer-Review Competency Assessment Engages Staff and Influences Patient Outcomes. *J Contin Educ Nurs.* 2018 Mar 1; 49 (3):119-126 PMID: 29498399 DOI: 10.3928/00220124-20180219-06
8. Pearson JA, **Mangold K**, Kosiorek HE, Montez M, Smith DM, Tyler BJ. Registered nurse intent to promote physical activity for hospitalised liver transplant recipients. *J Nurs Manag.* 2018 May; 26 (4):442-448 Epub 2017 Dec 26 PMID: 29277974 DOI: 10.1111/jonm.12561
9. **Mangold K**, Kunze KL, Quinonez MM, Taylor LM, Tenison AJ. Learning Style Preferences of Practicing Nurses. *J Nurses Prof Dev.* 2018 Jul/Aug; 34 (4):212-218 PMID: 29975315 PMID: 6088726 DOI: 10.1097/NND.0000000000000462
10. **Mangold K**, Arring, N. Advancing Professional Practice Through a Research and Evidence-based Practice Festival. *Nurs Lead.* 2019 Feb; 17 (1): 59-64 DOI: <https://doi.org/10.1016/j.mnl.2018.09.013>
11. **Mangold K**, Crockett C. Supporting the Transition to Practice for Nurse Residents on a Multi-Specialty Unit. *Critical Care Nurse;* 2019 Oct. doi: 10.4037/ccn2019165

12. Derrick L, **Mangold K**. Education Resource Nurse: Engaging Clinical Nurses to Enhance the Patient Experience. *Nursing Administration Quarterly*; 2020 April/June; 44(2). doi: 10.1097/NAQ.0000000000000415.
13. **Mangold K**. Unifying Nursing Education Across the Care Continuum: Creating Consistency in Organ Transplant. *J Nurses Prof Dev*; 2020 March/Apr; 36(2). doi: 10.1097/NND.0000000000000610.
14. Aliory, C, Robberts, M, Bos, D, **Mangold, K**, Snedigar, S, Girardo, M. The Impact of Proper Opioid Disposal Education. *Orthopaedic Nursing*; 2021 Nov/Dec; 40(6). doi: 10.1097/NOR.0000000000000806

Books

1. Weberg D, **Mangold KL**, Porter-O'Grady T, Malloch K,. *Leadership in Nursing Practice: Changing the Landscape of Healthcare 3rd Edition*. Burlington, MA : Jones & Bartlett Learning; 2018.
2. Weberg D, Mangold K,. *Leadership in Nursing Practice: Changing the Landscape of Healthcare 4th Edition*. Burlington, MA : Jones & Bartlett Learning; 2022.

Presentations Extramural

National or International

Oral

The Heart of the Art of Nursing: Understanding and Applying Emotional Intelligence in Nursing Practice 2014
23rd Annual ITNS Symposium: One World of Caring
Houston, Texas

An Evaluation Framework for Sensing the Tides, Riding the Waves, and Rippling the Impact of IPE 2015
Karen Saewert, Gerri Lamb, Nina Karamehmedovic, Robin Bonifas, Liz Harrell, Lisa Hines, Teri Kennedy, Michele Lundy, Donna Velasquez, Kara Mangold, Samantha Samples
Collaborating Across Borders V: The Interprofessional Journey: Advancing Integration and Impact.
Roanoke, Virginia

Upping the Ante: Improving Anticoagulation Education on an Inpatient Nursing Unit 2015
2015 American Nurses Association Quality Conference
Orlando, Florida

Creating a Culture of Evidence-Based Practice 2017
Annual Conference
American Association of Nurse Executives (AONE)
Baltimore, Maryland

Innovating Required Education with Gaming and Collaboration 2019
Annual Convention
Association for Nursing Professional Development (ANPD)
Phoenix, Arizona

Poster

Generational Differences in Preferred Learning Styles Amongst Nursing Staff 2018
2018 Research Conference-Western Institute of Nursing
Spokane, Washington

Transplant Quality Data Awareness Improvement 2018
26th Annual UNOS Transplant Management Forum
Austin, Texas

Transplant Quality Data Awareness Improvement 2018
2018 Nursing Research and Evidence Based Practice Festival
Phoenix, Arizona

Regional**Oral**

- Perceptions and Characteristics of Registered Nurses' Involvement in Decision Making
Winona State University Spring Research Day
Winona, Minnesota 2005
- Cardiovascular Risk Factors and Patient Education for Health Promotion
Cardiac and Vascular Nursing Review Course
Rochester, Minnesota 2008 - 2014
- Nursing Impact on Solid Organ Transplant Length of Stay
ITNS Winter Workshop
Atlanta, Georgia 2012
- Introduction to Genomics and Application to Transplantation
4th Annual Arizona ITNS Symposium
Phoenix, Arizona 2013

Poster

- The Challenges of Implementing Shared Decision Making at the Unit Level:
Development of a Unit-Based Float Model
Mayo Nurses Poster Fair
Rochester, Minnesota 2004
- Early Mobility in Adult Hospitalized Liver Transplant Recipients
Arizona Nurses' Association Biennial Convention
Scottsdale, Arizona 2013

Research Interests and Accomplishments

- Mayo Clinic Arizona Department of Nursing: Preferred Learning Styles and Correlation of Learning Styles with Outcomes, Safety, and Service Variables (Mayo Clinic)
- Promotion of Physical Activity in the Liver Transplant Recipient (Mayo Clinic)
- The effect of an interprofessional simulation on registered nurse self-perceived ability to work with others, value in working with others, and comfort in working with others (Mayo Clinic)
- Innovation Capacity: Discovering Our Innovation Potential and Leveraging it to Transform the Practice (Mayo Clinic)
- Advanced Care Planning in a Primary Care Practice (Arizona State University)
- Autism Education for Primary Care Practices (Arizona State University)
- Online Breastfeeding Support (Arizona State University)
- Depression Management for Adults in Rural Primary Care Setting (Arizona State University)
- Finding Meaning and Joy in Work (Arizona State University)
- Infusing Social Learning Theory Into Online Education (Mayo Clinic)
- The Impact of Online Education about Genomics of Kidney Disease on Knowledge Retention and Integration in Clinical Practice (Mayo Clinic)

Continuing Education (11/2016-Present)

	Date(s)	Hours
HeartCode® BLS Online Portion	11/10/2016	1.75
2016 Nursing Research Educational Series: Lunch with the Editor: Writing for Journal Publication	11/16/2016	1
2016 Nursing Research Educational Series: Tips from the Editor: How to Get Your Manuscript Published	11/16/2016	1
2016 Nursing Research Educational Series: Interpreting Statistics as Part of a Logical Argument in Nursing Science	11/21/2016	1.5
2016 Nursing Research Educational Series: Evidence Saves Lives: Efficacious Nursing Interventions in Heart Failure	11/21/2016	1
HeartCode® ACLS Online Portion	12/30/2016	4.5
AONE 2017: 50 Years of Inspiring Leaders	3/29-4/1/2017	8.5
2017 Nursing Research Educational Series: Ideas to Action: From Abstract to Poster	6/26/2017	1
2017 Arizona Nursing Conference: The Nursing Effect: Leading from the Front Line of Change	10/27/2017	3.25
A Palliative Care Professional Development Program for Bedside Critical Care Nurses	11/22/2017	1
Changing Tides: Improving Outcomes Through Mentorship on All Levels of Nursing	11/23/2017	3
Hallmarks of Unsafe Practice: What Preceptors Know	11/23/2017	2
What Do I Do Now?: Clinical Decision Making By New Graduates	11/23/2017	2
Designing an Outcome-Focused Model for Orienting New Graduate Nurses	11/23/2017	2.5
Online Basic ECG Rhythm Interpretation Refresher	11/28/2017	1.93
Technology and Innovative Teaching Strategies in Healthcare Education	11/28/2017	5
Teaching Healthcare Professionals Using Simulation	11/28/2017	5
Nursing Professional Development Review and Resource Manual, 4th Ed. CE	2/12/2018	7.58
Nursing Journal Club Evaluating Continuing Nursing Education	2/20/2018	1
Spring 2018 Education and Professional Development Retreat	3/23/2018	1.25
Diversity Dialogue: Fatty Liver in America: Ask the Experts (1.0 Category 1 CEPTC)	4/30/2018	1
NES Journal Club: Using the Teach-Back Method to Improve Patient Satisfaction	4/30/2018	1
2018 Nursing Research and Evidence-Based Practice Festival	5/11/2018	1.82
2018 Nursing Research and Evidence-Based Practice Festival Poster Session	5/11/2018	1.6
Transplant Grand Rounds: NAFLD and Liver Transplantation Current Status and Future (1.0 Category 1 CEPTC)	5/17/2018	1
NES Journal Club: Improve Preceptor Confidence	6/13/2018	1
THE OPPORTUNITIES & POTENTIAL PITFALLS IN HCV & DONOR TRANSPLANT (1.0 Category 1 CEPTC)	6/14/2018	1
TEG Talk (1.0 Category 1 CEPTC)	6/20/2018	1
Nursing Informatics Journal Club: Moving From Problem-Oriented to Goal-Directed Health Records	7/20/2018	1
NES Journal Club: Team Teaching in Nursing Education	7/25/2018	1
Heart Transplant Allocation System Changes (0.5 Category 1 CEPTC)	8/3/2018	0.5
CCTN Practice Analysis Participation	8/14/2018	5
Long Term Effects in Solid Organ Transplant (1.0 Category 1 CEPTC)	11/1/2018	1
Department of Nursing (DON) Fall Preceptor Workshops 2018	11/5/2018	2.66

Update on CAR-T Cell Therapy (1.0 Category 1 CEPTC)	11/8/2018	1
HeartCode® BLS Online Portion	11/13/2018	1.75
NES Journal Club: Creating an Escape Room to Facilitate Active Learning	11/14/2018	1
Solid Organ Transplant Pharmacology	10/29/2018	1
CCTN (R) Exam Cram Review Course	11/26/2018	8.25
EPD Continuing Education: Change Management for Nursing Education Leaders	11/29/2018	3.75
HeartCode® ACLS Online Portion	1/2/2019	4.5
Nursing Grand Rounds: DeLIVERing Knowledge	1/15/2019	1
Nursing Journal Club: Generation Z: Teaching-Learning Practices	1/23/2019	1
Obesity and Liver Transplantation	1/29/2019	1
Lesbian, Gay, Bisexual & Transgender Health Overview: A Humanistic Approach to Culturally Sensitive Care	1/30/2019	3.75
Nursing Journal Club: Perceptions of Novice Nurses on Compassion	3/6/2019	1
The Value of the Dedicated Transplant Recovery Surgeon - Partner	3/7/2019	1
ANPD Annual Convention 2019: Aspire to Lead	3/31-4/4/2019	16
2019 Nursing Research and Evidence-Based Practice Festival	5/10/2019	2.64
Nursing Journal Club: Measuring Return on Investment in NPD	6/11/2019	1
NES Journal Club: On-Demand Competencies	8/5/2019	1
Creating EBP Mentors in Healthcare Organizations	8/7/2019	1
NES Journal Club: Understanding New Graduate Transition to Practice	9/16/2019	1
Transplant Core Curriculum: HIV in Solid Organ Transplant	9/17/2019	1
Individualizing Medicine Conference: Precision Cancer Care through Immunotherapy and Genomics - 2019 - General Session	9/20-21/2019	4.5
Nursing Journal Club: Perianesthesia Nurses Are My Second Family	9/30/2019	1
High Risk Organs in Transplantation	9/27/2019	1
CIM Grand Rounds - October 10, 2019: Genome Sequencing in the NICU: Changing the Newborn Screening Program	10/10/2019	1
4W Nursing Journal Club: ECG Correlates of Acute Allograft Rejection	10/15/2019	1
CIM Grand Rounds - November 14, 2019: Enabling Individualized Medicine with Interoperable Apps and Services: University of Utah ReImagined EHR Experience	11/14/2019	1
Practical Use of Pharmacogenomics in Psychiatry Practice	11/18/2019	1
Family Medicine Grand Rounds 2019	12/12/2019	1
Individualized Medicine 2020 and Beyond December 13, 2019	12/13/2019	1
CIM Grand Rounds - January 9, 2020: Genomic Profiling in Breast Cancer: Clinical and Research Applications	01/09/2020	1
CIM Grand Rounds - February 13, 2020: The 100,000 Genomes Project: Transforming Healthcare	02/13/2020	1
CIM Grand Rounds - March 12, 2020: Precision Medicine for Obesity	03/12/2020	1
Mayo Clinic COVID-19 Live Webinar Series - May 19, 2020 - ZOOM Webinar	05/19/2020	1
Tanios S. Bekaii-Saab, M.D. Navigating Cancer Care in the COVID era and beyond Alan H. Bryce, M.D. Role of TMPRSS2 and ACE2 as viral and therapeutic targets in COVID	05/21/2020	1
Sameer R. Keole, M.D. Radiation Related Cardiac Injury	05/28/2020	1
CIM Grand Rounds - June 1, 2020: 2020 Update in Hereditary Cancers	06/01/2020	1
Current State Of Molecular and Serologic Testing for SARS-CoV-2	06/04/2020	1
Ruben Anthony Mesa, M.D., FACP The NCI Community Outreach and Engagement (COE) Mandate: How do we decrease the burden of cancer in our communities?	06/18/2020	1
Mayo Clinic COVID-19 Live Webinar Series - July 15, 2020 - ZOOM Webinar	07/15/2020	1
Peter Kuhn, Ph.D. Precision Oncology; precision diagnostics and precision health with mathematics to achieve single patient resolution	08/06/2020	1
CIM Grand Rounds - August 13, 2020: Predictive Genomics - The Mayo Clinic	08/13/2020	1

Experience

Nabil Wasif M.D., MPH National Cancer Data Base Quality and Survival Report for Mayo Clinic Arizona 2020	08/27/2020	1
VIRTUAL Transplant Grand Rounds - Assessing the Role of Genetic Testing in Kidney Transplant Recipients and Donors Evaluation - August 31, 2020	08/31/2020	1
Evaluating POC Genotype Testing to Guide Antiplatelet Therapy: Results of the TAILOR PCI Randomized Trial	09/10/2020	1
Cancer Genetics: Application of Personalized Medicine in Cancer September 25, 2020	09/25/2020	1
Mrinal S. Patnaik, M.B.B.S. Clonal Hematopoiesis of Indeterminate Potential and Adverse Outcomes	10/01/2020	1
Phage Therapy as a Therapeutic Strategy for Infectious Diseases October 9, 2020	10/09/2020	1
Dr. Cecilia Y. Arana Yi Epigenetic Modifiers in Acute Myeloid Leukemia: Prognostic and Therapeutic Implications	10/15/2020	1
Bhavika Patel, M.D. The Emerging Role of Contrast Enhanced Mammography	10/29/2020	1
CIM Grand Rounds - November 12, 2020; Cancer Genetics at Mayo Clinic: Application of Individualized Medicine in Cancer	11/12/2020	1
Advancing Care Through Genomics: Virtual Speaker Series - Webinar - Bacteriophages: It's A Medicine, Jim, But Not As We Know It	11/30/2020	1
CIM Grand Rounds - December 3, 2020: Health Equity in the Age of New Genetic Therapies	12/3/2020	1
CIM Grand Rounds - December 14, 2020: Quantitation of Circulating Serum HPV DNA and HPV-associated Squamous Cell Carcinoma: Screening, Monitoring Therapy Efficacy, and Detecting Early Recurrence; Zhai, Qihui (Jim), MD, FCAP	12/14/2020	1
CIM Grand Rounds - January 14, 2021: The Omics Data Platform - Diving into the Future of Omics at Mayo Clinic	01/14/2021	1
Precision Medicine in Chronic Rhinosinusitis: A Novel & Evolving Approach I	01/29/2021	1
Devyani Lal, M.D. January 29, 2021		
FL CIM Grand Rounds - February 1, 2021: Genitourinary Medical Oncology Gaps and Challenges	02/01/2021	1
How Can Individualized Medicine at Mayo Clinic Arizona Support Your Practice?	02/02/2021	0.5
CIM Grand Rounds - February 11, 2021: Congenital Disorders of Glycosylation; It's Sugar Coded	02/11/2021	1
Cardiovascular Genomics: From Peas to Pharmacogenetics	03/04/2021	1
Toward Practical Application of Pharmacogenomics and Artificial Intelligence: Major Depression as a Case Study Arjun P. Athreya, Ph.D., M.S., William V. Bobo, M.D., M.P.H. March 5, 2021	03/05/2021	1
Clinical Genomics at Mayo Clinic Arizona: Resources and Tools for Your Practice	03/16/2021	0.5
Sex Differences and the X Chromosome in Alzheimer's Disease	03/25/2021	1
Muhammed Murtaza, MBBS, PhD Cancer Detection and Monitoring using Circulating Tumor DNA Analysis	04/01/2021	1
CIM Grand Rounds - April 8, 2021: Scaling Genetic Counseling for Personalized Medicine	04/08/2021	1
Genetic Counseling: A Crucial Partner In Providing Individualized Care	05/04/2021	0.5
Bradley J. Erickson, M.D., Ph.D. How can AI Improve the Conduct of Clinical Trials and Care of Patients in the Cancer Centers	05/06/2021	1
Transforming Health Care in Rare Disease (May 26, 2021)	05/26/2021	1
Gregory A. Poland, M.D., FIDSA, MACP, FRCP (hon) COVID-19: Variants and Vaccines	06/10/2021	1
CIM Grand Rounds - June 10, 2021: Personalized Interrogation of the Human Epigenome	06/10/2021	1
Mitesh J. Borad, M.D. Precision Medicine in Hepatobiliary Cancers	07/01/2021	1
Inherited Cancer Clinic: An Essential Part of Comprehensive Cancer Care - July 28, 2021	07/28/2021	0.5
Dr. A. Keith Stewart, MBChB, MRCP, FRCPC, MBA Myeloma from Phase 3 to Phase 0	07/29/2021	1
CIM Grand Rounds - August 12, 2021: AI in Clinical Practice	08/12/2021	1
Pharmacogenomics and Primary Care: Cases from the Trenches Denise M. Dupras, M.D., Ph.D. August 13, 2021	08/13/2021	1
CIM Grand Rounds - September 9, 2021: Ethics and the New Precision Stewards	09/09/2021	1

Pharmacogenomics: Pearls for Practice	09/13/2021	0.5
CIM Grand Rounds - October 4, 2021: Mission (im)possible: The Promise of Personalized Cancer Immunotherapy	10/04/2021	1
Daniel G. Petereit, M.D., FABS, FASTRO Walking Forward: Collaborating at the Community Level to Advance Cancer Control in the Northern Plains American Indians	10/07/2021	1
CIMCONX: Individualizing Medicine Conference	10/8-9/2021	16
Direct to Consumer Testing: What it Means for Your Patients and Your Practice	10/28/2021	0.5
Genomics Primer for Providers - Online CME Course	11/10/2021	1
CIM Grand Rounds - November 11, 2021: Hiding in Plain Sight: Genetic Risk of Coronary Heart Disease	11/11/2021	1
David G. Lott, M.D. Regenerative Approaches for Functional Tissue Restoration Following Cancer Treatment: Translational Tissue Engineering for Head and Neck Reconstruction	12/02/2021	1
Neurology- 2021 LIVESTREAM CNE Conference	12/2/2021	6.75
CIM Grand Rounds - December 9, 2021: Tapestry: Exome Sequencing for Clinical Practice & Research	12/9/2021	1
FLA CIM Grand Rounds - December 13, 2021: Imaging Biomarkers in Microsurgical Treatment of Lymphedema	12/13/2021	1
The Microbiome Side of Women's Health	1/14/2022	1
Aaron S. Mansfield, M.D. Targeting Mesothelioma	1/27/2022	