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EDUCATION AND TRAINING

4/1985	Madonna University, Livonia, Michigan
	BSN – Nursing – Cum Laude
4/1991	Madonna University, Livonia, Michigan
	MSBA – Business Administration
	Thesis: *The Effects of Managed Care on Length of Stay, Nursing Job Satisfaction, and Quality of Patient Care*
8/2008	University of Michigan, Ann Arbor, Michigan
	PhD – School of Nursing
	Dissertation: *Capacity to Rescue: Nurse Behaviors that Rescue Patients*

CERTIFICATION AND LICENSURE

2015	Team STEPPS Master Trainer
2016	Interprofessional Education Leader Fellowship
2015 – 2021	Certified Simulation Healthcare Educator (CHSE)
2020- 2022	Registered Nurse, State of Michigan License # 4704153395
2020 – 2022	Advanced Cardiac Life Support (ACLS)
2020 – 2022	Pediatric Advanced Life Support (PALS)

ACADEMIC, ADMINISTRATIVE, AND CLINICAL APPOINTMENTS

Academic Appointments

2002 – 2006	Adjunct Lecturer, University of Michigan School of Nursing, Division of Business and Health Systems, Ann Arbor, Michigan
2003 – 2005	Diversity Facilitator, University of Michigan Health System, UMHS Essentials for Leading a Diverse Workforce, Ann Arbor, Michigan
2006 – 2008	Adjunct Faculty, Eastern Michigan University School of Nursing, Ypsilanti, Michigan
2006 – 2008	Undergraduate and Graduate Studies
	Courses taught: Nursing 375 – Essentials of Professional Nursing
	Nursing 605 – Health Status and Health Care Delivery
2008 – 2015	Clinical Assistant Professor, Nursing Business and Health Systems, University of Michigan School of Nursing, Ann Arbor, Michigan
2011 – 2015	Adjunct Clinical Instructor, Michigan State University College of Nursing, East Lansing, Michigan
2015 – 2019	Clinical Associate Professor, Systems, Populations, and Leadership, University of Michigan School of Nursing, Ann Arbor, Michigan
2017 – Current	Core Faculty-Michigan Data Science Institute (MIDAS), University of Michigan, Ann Arbor, Michigan
2018 – Current	Adjunct Faculty, Graduate School of Biomedical Sciences and Professional Studies, School of Medicine, Drexel University, Philadelphia, PA
2019 - Current	Clinical Professor, Systems, Populations, and Leadership, University of Michigan School of Nursing, Ann Arbor, Michigan
2019 - Current	Clinical Associate Professor, School of Information, University of Michigan, Ann Arbor, Michigan

Administrative Appointments

2008 – 2016   Director Clinical Learning Center, University of Michigan School of Nursing, Ann Arbor, Michigan

2016 – 2018   Director of Simulation and Educational Innovation, Clinical Learning Center, University of Michigan School of Nursing, Ann Arbor, Michigan

2018 – 2019   Faculty Lead Innovation, Research and Technology Development, Clinical Learning Center University of Michigan School of Nursing, Ann Arbor, Michigan

2020-2023   Vice Chair for Research-Systems, Population, Leadership, University of Michigan School of Nursing

Clinical Appointments

1985 – 1988   Clinical Nurse I/II Critical Care Medicine Unit and Pediatrics Intensive Care Unit, University of Michigan Health System, Ann Arbor, Michigan

1988 – 1990   Clinical Nurse Supervisor, Neurosurgery/Neurology unit, University of Michigan Health System, Ann Arbor, Michigan

1990 – 1995   Head Nurse, Neurosurgery/Neurology unit, University of Michigan Health System, Ann Arbor, Michigan

1995 – 2008   Clinical Nurse Manager, Neuroscience, University of Michigan Health System, Ann Arbor, Michigan

GRANTS

(PI – Loveland-Cherry, C.)   2007   4 months
Developing Clinical Judgment: Immersion vs Traditional $5,000
Instruction
Role: Team Member

(PI – Kalisch, B.)   2007-2008   12 months
Blue Cross Blue Shield of Michigan $62,000
The Impact of Multitasking and Interruptions on Patient Safety.
Role: Co-I

(PI – Aebersold, M.)   2007-2008   12 months
University of Michigan School of Nursing, Dissertation Grant $3,000
Capacity of Rescue: Nurse Behaviors that Rescue Patients.

(PI – Tschannen, D.)   2009-2010   12 months
Center for Research on Learning and Teaching Faculty $10,000
Development Fund, University of Michigan
Increasing Clinical Competencies for Nursing Students using Simulated Virtual Experiences in
Second Life
Role: Co-I

(PI – Haggerty, B.)   2009-2011   24 months
Center for Research on Learning & Teaching, Gilbert Whitaker $9,000
Fund for the Improvement of Teaching, University of Michigan
Redesigning Clinical Skill Training through Technology
Role: Co-I

(PI – Tschannen, D.)   2010 - 2011   12 months
Center for Research on Learning & Teaching, Teaching with $2,500
Technology Grant, University of Michigan

Increasing Student Engagement through the Use of a Virtual Classroom
Role: Co-I

(PI - Eckstein) Fostering Innovation Grant University of Michigan Health System Virtual Education - The Future Role: Co-PI	2010 - 2013 $16,000	24 months
(PI – Aebersold, M.) Fostering Innovation Grant, University of Michigan Health System Pillowtalk: Falls Prevention	2012-2013 $2,500	12 months
(PI – Aebersold, M.) Center for Research on Learning & Teaching, Gilbert Whitaker Fund for the Improvement of Teaching, University of Michigan Redesigning Clinical Skill Training through Technology	2012-2013 $15,000	12 months
(PI – Villarruel, A.) Undergraduate International Studies and Foreign Language Program (UISFL) Global Health Competency for Nurses through Undergraduate Language Learning Role: Co-I	2012 - 2014 $164,159	24 months
NIH R21MH095723 (PI – Aebersold, M and Villarruel, A) Using new technologies to develop facilitator capacity for HIV prevention	2012-2014 $427,625	15 months
(PI – Aebersold, M.) Center for Research on Learning and Teaching, Investigating Student Learning Grant, University of Michigan Using Blogger to Improve Student Engagement and Learning	2013-2014 $3,000	12 Months
(PI-Aebersold) UMSN Ada Sue Hinshaw Fund Closing the loop: New Data Tools for Measuring Change in the Quality for Nursing Education and the Value of New Approaches to Instruction	2016-2017 $12,000	12 Months
(Co-PIs Aebersold and Voepel-Lewis) SBIR-Phase I Archie MD Interactive Anatomy-Augmented Virtual Simulation Training	2017 $20,000	6 Months
NIH R25CA214227 (PI-Friese, C. and Co-I Aebersold) National Cancer Institute A Multi-Modal Interprofessional Training to Improve Chemotherapy Safety	2017-2022 $1,100,000	60 Months
(Co-PIs Aebersold and Mahajant) Gift – funding plus equipment Virtual Reality-Based Team Training to Improve Patient Outcomes	2017-2018	12 Months

in Pediatric Cardiac Arrest

(PI - Zitzelsberger)   1/2017-2/2019   24 months
University of Ontario Institute of Technology and Durham $10,932
College Innovative Initiatives Fund (IFF)
Interprofessional healthcare simulated learning
Co-I

(PI - Zitzelsberger)   1/2017-2/2019   24 months
University of Ontario Institute of Technology eCampus $17,183
Simulated experential learning for interprofessional healthcare practice
Co-I

(Co-PIs Nebling, Aebersold, Happ)   1/2019-2/2020   18 months
University of Michigan M-Cubed $15,000
Augmented Reality Crisis Simulation and Triage
Co-PI

                                           7/1/19-6/30/20   12 months
(PI-Cole)
Graduate Medical Education (GME) Innovations Program.
Determine the effect of traditional medical simulation training on cardiac arrest outcomes and clinical (process) measures in patients with in-hospital cardiac arrest
Co-I

PI-Aebersold   10/1/2019-9/302020   12 months
Michigan Department of Health and Human Services $72,000
APRN Academic Community Partnership
PI

PI-Aebersold   4/1/2020-3/31/2021
Academic Innovation XR Initiative
Getting Under the Skin: A Virtual Reality Experience to Improve the Safety of Chemotherapy Treatment

PI-Cole   1/1/2020-1/1/2022
The Doctors Company Foundation $200,000
Immersive Virtual reality Environment for Training Acute Care Teams (iREACT)
Co-I

PI Aebersold   2/1/2021-9/30/2021
Michigan Department of Health and Human Services
Academic-Community Nursing Clinical Education Partnership: Caring for our Veterans
PI

1UG1CA189867-01   PI Bruner   Pilot 01/15/2021-06/30/2022
NRG Oncology NCORP Research Base $50,000
Virtual Reality Nature Experiences as an Intervention for Cancer-Related Cognitive Impairment
Co-I

NIH 1 R43 GM140751-01 Levine PI   3/1/2021-3/2/2022
National Institute of Health

Anatomy-augmented visual training on mobile devices for rapid dissemination of best practices during pandemics
Co-I

PI Stegemann   5/15/2021-5/14/2023
College of Engineering   XR Clinic $24,812
XR in Interprofessional Learning: Facilitating Engineering-Medicine Interactions
Co-I

HONORS AND AWARDS

1995	Nursing Executive Council Outstanding Contribution to Nursing Services Award
1996	Certification of Appreciation from the Council for Disability Concerns, for work in accommodated placement for work-injured staff
2001	UMHS Safety and Health Role Model Individual Award
2002	UMHS Safety and Health Team Award for the Return to Work Program
2014	Certificate of Excellence in Reviewing-Clinical Simulation in Nursing
2014	Sloan-C Conference Best-in-Track Award
2015	Fellow, American Academy of Nursing
2016	Midwest Nursing Research Society Systems Research Interest Group Excellence in Research Award
2017	Interprofessional Leadership Fellow, University of Michigan
2017	Graduate-Michigan Medicine Leadership Academy
2019	Excellence in Research: Advancing Research in the Field of Nursing Simulation & Clinical Laboratories-International Association of Clinical Simulation and Nursing (INACSL)
2020	SSH Presidential Citation – Knowledge Map Task Force-Development of an Interactive Research Map

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

1993 – 2008	American Association of Neuroscience Nurses
2004 – 2009	American Association of Critical Care Nurses
2005 – 2010	Academy of Management
2006 – Present	Society for Simulation in Healthcare
2007 – 2013	Midwest Nursing Research Society
2010 – Present	International Nursing Association for Clinical Simulation and Learning
2011 – 2012	Michigan Organization of Nurse Executives
2015 – Present	American Nurses Association
2015 – Present	Delta Mu Delta
2015 – Present	Sigma Theta Tau International Rho Chapter
2015 – 2016	Sloan-C Consortium
2017 – 2018	American Association of Critical Care Nurses
2019 – Present	National Nurses in Business Association
2019 – Present	International Pediatric Simulation Society

EDITORIAL POSITIONS, BOARDS, AND PEER-REVIEW SERVICE

Editorial Positions

2016 – 2018	Nursing Research and Practice, Editorial Board Member
2016 – Present	Clinical Simulation in Nursing, Assistant Editor

Peer Reviews

2010 – 2014	Journal of Neuroscience Nursing

2012 – current	Advances in Nursing Science
2012 – current	Clinical Simulation in Nursing
2012	International Journal of Therapy and Rehabilitation
2012 – current	Journal of Patient Safety
2012	Western Journal of Nursing
2014	Critical Care Nurse
2016 – 2018	Computers and Education
2016 – 2018	IMSH Conference Professor Rounds
2016 – current	Simulation in Healthcare
2017	BMC Health Services Research
2017	Journal of Medical Internet (JMIR) Research Protocols

Standard Reviews

| 2011 | International Nursing Association for Clinical Simulation and Learning (INACSL) Simulation Standards of Best Practice Reviewer |
| 2016 | International Nursing Association for Clinical Simulation and Learning (INACSL) Simulation Standards of Best Practice Reviewer, 2016 (Standards author and reviewer) |

Grant Reviews

2014	American Institute of Biological Sciences
2015	AHRQ-HSQR Study Section-Ad Hoc Reviewer
2015	Defense Medical Research & Development Program of the Joint Program Committee-1 (Department of Defense Contractor)
2015	University of Michigan Center for Research on Teaching and Learning Investigating Student Learning (ISL) Grants, 2015
2015, 2016	Society for Simulation in Healthcare Novice Research Grant
2016	Defense Medical Research & Development Program of the Joint Program Committee-1 (Department of Defense Contractor)
2016	Defense Medical Research & Development Program of the Joint Program Committee-1 (Department of Defense Contractor)
2017	Defense Medical Research & Development Program of the Joint Program Committee-1 (Department of Defense Contractor)
2018	Department of Defense Congressionally Directed Research Programs (CDMRP) Spinal Cord Injury Panel
2018	Defense Medical Research & Development Program of the Joint Program Committee-1 (Department of Defense Contractor)-Panel Chair
2019	Defense Medical Research & Development Program of the Joint Program Committee-1 (Department of Defense Contractor) On-line Review
2020	Defense Medical Research & Development Program of the Joint Program Committee-1 (Department of Defense Contractor) Teleconference Review
2020	Defense Medical Research & Development Program of the Joint Program Committee-1 (Department of Defense Contractor) Teleconference Review
2021	Defense Medical Research & Development Program of the Joint Program Committee-1 (Department of Defense Contractor) Teleconference Review
2021	Defense Medical Research & Development Program of the Joint Program Committee-1 (Department of Defense Contractor) On-line Review

TEACHING

Courses
Undergraduate
Leadership and Management, Enhancing Clinical Competence
Masters (Systems, Population, Leadership)
Effective Resource and Operations, Foundations of Quality Science and Analytics, Quality and Operations, Nursing Internship, Teaching Strategies, Foundations in Leadership, Patient Safety
Doctoral Program
Leadership in Complex Systems, Quality and Safety

Advising
Doctoral (PhD) Program Committee Membership

Trainee name	Time period	Your role: Title of project
Lapham, J.	(current)	Committee member

Doctoral (PhD) Student Preliminary Committee Membership

Trainee name	Time period	Your role: Title of project
Wilson, D.	2011	Preliminary committee member: *Registered nurses' perceptions of patient safety culture: The influence of unit leadership.*
Bathish, M.	2012	Preliminary committee member. (Preliminary exam passed 6/2012)
Lapham, J.	2013	Preliminary committee member. (Preliminary exam passed 9/2014)
Sirihorachai, R.	2014	Preliminary committee member. (Preliminary exam passed 12/2014)
Shuman, C	2016	Preliminary committee member. (Preliminary exam passed 12/2016)

Doctoral (PhD) Student Dissertation Committee Membership

Trainee name	Time period	Your role: Title of project
Wilson, D.	2011	Dissertation committee member: *Registered nurses' perceptions of patient safety culture: The influence of unit leadership*
Bathish, M.	2014	Dissertation committee member: *Deliberate Practice in Nursing*
Sirihorachai, R.	2016	Dissertation committee member: *Examining Interruptions in the Operating Room*
Shuman, C.	2017	Dissertation committee member: *Addressing the Practice Context in Evidence-Based Practice Implementation: Leadership and Climate*
Yaksich, J.	2020-2021	Dissertation committee member:

Doctoral (DNP) Scholarly Projects

Trainee name	Time period	Your role: Title of project
Turkelson, C.	2013	Committee Chair: *Evidence Based Communication Strategies to Improve Team Work and Patient Care.*

Fenske, C.	2013	Committee Member: *A Comparison of Nurses' Self-assessed Clinical Judgment Skills Compared to Observed Clinical Judgment Abilities during a Simulated Activity.*
Caylor, S	2014	Committee Member: *The Use of Virtual Simulation and a Modified TeamSTEPPS Training for Interprofessional Education*
Ochylski, D.	2015	Committee Chair: *Multidimensional Method to Evaluate a Simulation Based Course for Remediation*
Carroll, B.	2015	Committee Chair: *The Development and Implementation of a Web Based Intervention to Investigate Value Change among Hospital Nurses: A Feasibility Study*
Poellet, N.	2016	Committee Member: *Promoting Teamwork and Communication in Ambulatory Care Psychiatry: A Feasibility Study*
Farina, C	2016	Committee Member: *The Flipped Classroom and Case-Based Learning in a Graduate Program of Nurse Anesthesia: A Process Improvement Project*
Jackson, D.	2017	Committee Member: *Formal Mentorship: Bridging the Gap between Nurse Practitioner Education and Practice.*
Cherara, L	2017	Committee Member: *A Fall Prevention Training to Improve Nurses' Knowledge and Behavior*
Whalen, M.	2017	Committee Chair: *The Ventilator Dependent Child and Parent Airway Education: Implementation of the PAWS Program*
Hayes, C.	2018	Committee Chair- *Implementation and Evaluation of Cumulative Blood Loss Training Program: Creating Early Recognition of Obstetric Hemorrhage for Every Patient at Cesarean Delivery*
Knight, J.	2019	Committee Chair-*Using Six Sigma to Reduce Patient No-Shows to Ambulatory Clinic Appointments*
Merlotti, A	2021	Communication Skills Training in the Deaf and Hard of Hearing: An Immersive Experience using 360-degree Virtual Reality Simulation

DNP Residency

Trainee name	Time period	Your role: Title of project
Turkelson, C	*2013*	Residency Preceptor
Whalen, M	*2013*	Residency Preceptor
Whalen, M	*2014*	Residency Preceptor
Knight, J	*2015*	Residency Preceptor
Knight, J	*2016*	Residency Preceptor
Cherara, L	*2017*	Residency Preceptor
Whalen, M	*2017*	Residency Preceptor
Merlotti, A	*2020-2021*	Residency Preceptor

DNP Advisor

Trainee name	Time period	Your role: Title of project
Turkelson, C	2013	DNP Advisor
Whalen, M	2014	DNP Advisor
Knight, J	2014	DNP Advisor
Carol, B	2015	DNP Advisor
Mary Ngugi	2016	DNP Advisor
Cindy Hayes	2016	DNP Advisor
Whalen, M.	2017	DNP Advisor

NURS 699 Scholarly Project Advisor

Trainee name	Time period	Your role: Title of project
Fairchild, J.	2010	Project Advisor: *A research experience - Evaluating use of simulation to increase clinical competency*
McGowan, J.	2010	Project Advisor: *Developing computer-based learning modules on patient safety for undergrad nursing students utilizing multimedia to enhance presentation of information*
Yaksich, J.	2011	Project Advisor: *Can participation in an observable simulation improve students' performance and confidence in a mid-fidelity BLS simulation?*
Holzaphel, K.	2011	Project Advisor: *Improving the outcomes of the pediatric spinal fusion patient through the implementation of standardized care maps*
Morton, B.	2011	Project Advisor: *Using simulation to build critical thinking in senior nursing students*

NURS 699 Scholarly Project Reader

Trainee name	Time period	Your role: Title of project
Gosselin, A.	2010	Comparison of patient care units with the most and least amount of missed nursing care: report of research experience
Geltz, A.	2010	Using second life to simulate patient safety scenarios
Bowen, J.	2010	Design of the capacity to rescue ii survey for assessment for simulation in the school of nursing
McNair, E.	2010	Second Life: virtual simulation
Ross, S.	2011	Factors influencing nurses' perception of staffing adequacy
Mann, K.	2011	Individualized teaching plans through high-fidelity simulation
Patterson, K.	2011	Significance between patient-nurse communication and patients' perceptions of quality of care

NURS 697-Special Topics (Mentored Teaching Experience)

Trainee name	Time period	Your role: Title of project
Nichols, T.	2009	Preceptor
Steven, M.	2010	Preceptor
Jones, M.	2011	Preceptor
Miller, A.	2011	Preceptor
Yaksich, J.	2011	Preceptor
Morton, B.	2011	Preceptor
Ziegler, C.	2013	Preceptor
Ferguson, D.	2013	Preceptor
Frieders, J.	2013	Preceptor
Mergos, C.	2013	Preceptor
Viers, J.	2014	Preceptor
Machoka, A.	2014	Preceptor
Abol Hosn, A.	2015	Preceptor
Clark-Burton, C.	2015	Preceptor
Kuebrich, M.	2015	Preceptor

Undergraduate Mentoring

Trainee name	Time period	Your role: Title of project
Makowski, J.	2009	Mentor: *Capacity to rescue: How nursing behaviors influence patient outcomes* [Honors project]
Tjarks, D.	2011	Mentor: *The benefits of interdisciplinary collaboration in conducting medication reconciliation in the behavioral health setting* [Honors project]

Undergraduate Research Opportunity Program (UROP)

Trainee name	Time period	Your role: Title of project
Rachel Whittenbach	2014-2015	Mentor: Using Crew Resource Management to Improve Communication Skills
Alyssa Quinn	2014-2015	Mentor: Using Crew Resource Management to Improve Communication Skills
Nicholas Boose	2015	Mentor: Using Simulation to Improve Learner Outcomes
Chris Pawlicki	2015-2016	Mentor: Using Simulation to Improve Learner Outcomes
Christina Khouri	2017	Mentor: Using Simulation to Improve Learner Outcomes
Charles Start	2017-2018	Mentor: Using Virtual Reality and Simulation Methods to Educate Students and Healthcare Practitioners
Trevor Mulrein	2018-2019	Mentor: Using Virtual Reality and Simulation Methods to Educate Students and Healthcare Practitioners

Other Mentorships

Trainee name	Time period	Your role: Title of project
Ahmad Haroun Al-Nawafleh	2012-2013	INDEN International Postdoctoral Fellow
Valladares, A.	2013-2014	*Proposing a MI Training Guide for MUVEs* (Masters Student-School of Public Health IS-Research in Health Behavior)
Ci-Jyun (Polar) Liang	2017-2018	School of Engineering Masters/PhD Student-
Xi Wang	2018	School of Engineering Masters Student

| Chloe Preble | 2021-2022 | School of Information-Masters Thesis |

COMMITTEE, ORGANIZATIONAL, AND VOLUNTEER SERVICE
School of Nursing
2006 – 2008	PhD Steering Committee - University of Michigan School of Nursing (UMSN).
2008 – 2009	Simulation Task Force Planning Committee- University of Michigan School of Nursing (Chair 2009)
2009 – 2010	Immersion Task Force-UMSN
2009 – 2012	Clinical Initiative for Excellence in Clinical Practice, Education and Scholarship
2010 – 2011	UMSN Think Tank (Chair)
2010 – 2011	Search Committee-Associate Dean of Academic Affairs and Director of DNP-UMSN
2011 – 2015	Kingsley Building Committee
2010 – 2014	Committee of Academic Admissions and Scholastic Standing UMSN
2012	Rackham Barbour Scholarship Reviews
2012	Planning committee for the Michigan Symposium on Effectiveness and Implementation Research: Strengthening the Science
2014 – 2015	Second Career to DNP Committee
2014 – 2015	Teaching and Learning Task Force
2017	Systems, Populations, Leadership Department Faculty Search Committee (Chair)
2017 –	Department Chair Advisory committee
2017 – 2018	Clinical Learning Center Advisory Committee-Chair
2017 – 2018	Undergraduate Curriculum Committee
2018 – 2019	Systems, Populations, Leadership Masters' Curriculum Development Committee
2019 – 2021	Systems, Populations, Leadership Masters' Curriculum Implementation Committee
2019 –	Nursing Executive Faculty Academy
2021-2022	Executive Committee

University of Michigan Health System (**UMHS**)
2010 – 2011	UMHS Clinical Simulation Center Review
2011	UMHS Strategic Plan for Learning Management Systems
2011	UMHS Teamwork and Communication Multidisciplinary Committee
2010 – 2014	UMHS Steering Committee Enterprise Wide Learning Architecture Development
2012 – 2017	Nursing Quality Excellence Committee – Nursing Governance Committee at UMHS
2020-	Center for Medical and Surgical XR – Multidisciplinary group
2021	Michigan-Microsoft Center of Global Excellence in Medical Innovation Governance Council

University of Michigan
2006 – 2007	Integrated Disability Management – University of Michigan
2008 – 2010	Integrated Disability Management Steering Committee – University of Michigan
2010 – 2011	Teaching and Learning Advisory Group University of Michigan: Teaching and Learning Domain of the Information Technology Council
2011 – 2012	UM Google Faculty Learning Community
2012	Provost's Seminar on Teaching Planning Committee
2016 – 2018	Interprofessional Assessment Committee-Co Chair
2016 – 2017	Digital Advisory Group
2016 – 2017	Augmented Reality/Virtual Reality Faculty Interest Group
2017 –	Augmented Reality/Virtual Reality Steering Committee
2019 -	IPE Faculty Development Committee

Professional
2006 – 2008	Rho Chapter Sigma Theta Tau International – Governance Committee

2010 – 2015	National Nursing Practice Network-Co-Chair Education and Networking Group
2011 – 2011	International Nursing Association for Clinical Simulation and Learning (INACSL) Co-Chair of Simulation Technology Development Committee
2011 – 2012	International Nursing Association for Clinical Simulation and Learning (INACSL) Member of the Membership Committee
2011 – 2013	International Nursing Association for Clinical Simulation and Learning (INACSL) Member of the Program Committee
2012 – 2013	International Nursing Association for Clinical Simulation and Learning (INACSL) Editor of newsletter
2013 – 2014	International Nursing Association for Clinical Simulation and Learning (INACSL) Board of Directors Bylaws Chair
2014-	Society for Simulation in Healthcare (SSIH) Vice-Chair Society for Simulation in Health Care's IMSH Curriculum Development Committee
2014 – 2015	International Nursing Association for Clinical Simulation and Learning (INACSL) Chair of the Quality Improvement Simulation Standards Sub Committee
2015 – 2016	International Nursing Association for Clinical Simulation and Learning (INACSL) Member Standards Committee
2015 – 2018	Member Society for Simulation in Healthcare (SSIH) Research Committee
2016	Chair-Technology Track Poster Reviews
2015 – 2017	Member Society for Simulation in Healthcare (SSIH) Education Committee
2017	Chair-Technology Track Poster Reviews
2016 – 2020	Vice President Operations International Nursing Association for Clinical Simulation and Learning (INACSL)
2018 - 2020	Improving Pediatric Acute Care through Simulation (ImPACTS)-Core Committee Member
2019 – 2020	International Pediatric Simulation Society (IPSS) Finance Committee
2019 – Current	Nursing Board CRNA Evaluation and Research Advisory Committee
2019 - Current	Nursing Board CRNA Simulation-Based CPC Assessment Committee
2018 - Current	SSH Knowledge Map Committee
2020 – 2020	Chair-SSH Technology Committee
2020- Current	XR Safety Initiative Medical Advisory Committee
2021-Current	VR/AR/XR Section of SSIH Research Summit (co-chair)

CONSULTING POSITIONS

2008 – Current	Collaborate with major publishers of educational resources, design and train educators in use of selected virtual learning products for health professionals (e.g., The Neighborhood, an on-line virtual community; and virtual simulations). Review textbooks, write test bank questions, design case studies, provide curriculum mapping to various educational products. Consult with Schools and Universities on simulation programs and simulation centers.
2014 – Current	SimTabs LLC Advisory Board
2015	Colorado University-Consultation with School of Nursing simulation program
2015	Chattanooga State Community College – consultation with nursing simulation program and conducted a workshop on test item writing
2017	University of Illinois/Chicago – consultation with school of nursing on simulation space renovations
2017	INACSL Simulation Fellowship Facilitator
2019-2020	CGFNS-technology advisor, simulation and virtual reality
2020-	XRSI Medical Advisory Committee
2021-2023	Co-Chair SSIH Research Summit AR/VR Panel

SEMINARS AND INVITED PRESENTATIONS

Invited Presentations

3/2003	**Aebersold, M.** King, L. and Mitchell, "A SWAT Panel." Paper presented at the Annual Emergency and Critical Care Conference, Ann Arbor, Michigan.
3/2009	**Aebersold, M.** "Use of Simulation in Education." Paper presented at the Eleventh Annual Conference on Evidence-Based Practice: Creating and Sustaining Best Practice, Ann Arbor, Michigan.
3/2010	**Aebersold, M**. "Virtual World Education for Healthcare Communication, Part II." Panel member at the Virtual Worlds Best Practices in Education, in Second Life. (Virtual)
5/2010	**Aebersold, M.** "Simulation: Keeping it Real." Paper presented at the University of Michigan Health System Educators Series, Ann Arbor, Michigan.
10/2010	Fischer, K., Strodtman, L. and **Aebersold, M.** "Simulation: Engaging Emotions." Panel presentation at the University of Michigan Health System Educators Series, Ann Arbor, Michigan.
5/2011	**Aebersold, M.** "Simulation Learning." Paper presented at Making it Happen: Achieving Measurable Results through Education, Ann Arbor, Michigan.
3/2012	**Aebersold, M.** "Innovative and Technological Strategies to Teach EBP." Paper presented at the 14th Annual Evidence-Based Practice Conference, Ann Arbor, Michigan.
5/2012	**Aebersold, M.**, Tschannen, D. and Kocan, M. J. "Using Simulation in Stroke Unit Education." Paper presented at the Advances in Rehabilitation Nursing Conference, Ann Arbor, Michigan.
5/2012	Lavaque, M., Fishman, B. and **Aebersold, M.** "Increasing Motivation and Learning by Gamifying Teaching." Panel presented at the Center for Research on Learning and Teaching Enriching Scholarship, Ann Arbor, Michigan.
7/2012	**Aebersold, M.** and Eckstein, B. "Using a Virtual Hospital and Simulation in Teaching: Learning How to Do It." Paper presented at the University of Michigan Health System Educators Series, Ann Arbor, Michigan.
8/2012	**Aebersold, M.** "Alternatives to Traditional Clinical Settings." Paper presented at the Michigan Nursing Summit, Michigan Organization of Nurse Executives, Ann Arbor, Michigan.
10/2012	**Aebersold, M.** "Best Practices in Simulation." Roundtable discussion at the Michigan Simulation Collaborative Conference, Flint, Michigan.
3/2013	**Aebersold, M.** "Simulation Design for the Future." Health Facilities Planning Seminar, Grand Rapids, Michigan.
10/2013	**Aebersold, M.** and Tschannen, D. "Simulation-Second Life and its Development: Entering a Virtual World to Teach Nursing", Institute of Professional Nurses, Fall CE Dinner, Ann Arbor, Michigan.
3/2014	**Aebersold, M.** "One Patient….So Many Lives!" TEDx event, Ann Arbor, Michigan.
4/2014	**Aebersold, M.** "Virtual Communities Creating Access through Avatars", Dean's Research Day, University of Michigan School of Nursing, Ann Arbor, Michigan.
4/2014	**Aebersold, M.** "Advocating for Use of Technology in Nursing: Focus on Education", Practicing Public Health Nursing in a Tech-Savvy World, Howell, Michigan.
10/2014	**Aebersold, M. "**Using Simulations to Promote EBP", Nursing Practice Symposium: Empowering Practice through Partnerships, College of DuPage, Illinois.
10/2014	**Aebersold, M.** "Teaching Safety through Simulation", Nursing Practice Symposium: Empowering Practice through Partnerships, College of DuPage, Illinois.
11/2016	**Aebersold, M.** "Panel: Data Science in Learning Analytics, Big Data: Advancing Science, Changing the World", Ann Arbor, Michigan. https://www.youtube.com/watch?v=ZQMKJUF-63U&list=PL9HOpoYAfA-wP7xaQbXGokcZX0ZRUeOFo&index=22

	https://www.youtube.com/watch?v=bqOKHiaB4Io&index=25&list=PL9HOpoYAfA-wP7xaQbXGokcZX0ZRUeOFo
4/2017	**Aebersold, M**. "Future Trends in Simulation – Virtual, Augmented and Mixed Realities", Assessment Technologies Institute's "National Nurse Educators Summit", Orlando, Florida.
5/2017	**Aebersold, M**. (Panel) "Emerging Landscapes: A Cross-Disciplinary Conversation with U-M Faculty Members", Enriching Scholarship, Ann Arbor, MI.
4/2018	**Aebersold, M**. "Gaming", Assessment Technologies Institute's "National Nurse Educators Summit", Salt Lake City, Utah.
7/2018	**Aebersold, M**. "Three Ways to Master Disaster Simulations without Breaking a Sweat", Summer Institute in Nursing Informatics (SINE), Baltimore, MD.
9/2018	"Professional Identity in Nursing: Science, Strategy and Call to Action"-invited member of the Think Tank event at The University of Kansas, Kansas City, KS.
10/2018	"Innovations in Simulation Summit: An Interprofessional Exchange of Best Practices in Clinical Education" (invited – Moderator for *Latest Trends in Simulation Panel*). Columbia University, New York, NY.
11/2018	**Aebersold, M**. "Breaking the Model: The Spectrum of non-traditional Classroom and Clinical Instruction" American College of Nursing's Faculty Development Conference, New Orleans, LA.
3/2019	**Aebersold, M**. "Innovative Technologies: Future Unfolding (Keynote) at the Interprofessional Healthcare Conference: From Simulation to Innovation and Beyond, NLN-UCF Simulation Conference, Orlando, FL.
4/2019	**Aebersold, M**. "Simulation Through Gaming and other Virtual Experiences" Assessment Technologies Institute's "National Nurse Educators Summit", Savanah, GA.
5/2019	**Aebersold, M**. "Innovation in Virtual Technology: Future of Simulation", (Keynote) University of Kentucky's 15th Annual Faculty Development Conference, Emerging Innovations on Nursing Curricula, Building a Culture of Practice Ready Students, Lexington, KY.
5/2019	**Aebersold, M**. "Introducing Simulation into Undergraduate Education" (Simulation Panel) Symposium on Exploring New Models of Undergraduate Nursing Clinical Education, Howell, MI.
6/2019	**Aebersold, M**., Daher, S., Foronda, C., Tiffany, J., & Verkuyl, M. "Virtual/augmented Reality for Health Professions Education Symposium" (Invited Symposium) 2019 International Nursing Association of Clinical Simulation and Learning Conference, Phoenix, AZ.
9/2019	**Aebersold, M**. "Heart VR-Team Training to Improve Patient Outcomes in Pediatric Cardiac Arrest" (Invited Presentation) Oculus OC6 Education Summit, San Jose, CA.
2/2020	**Aebersold, M**. "Interested in using Virtual and Augmented Reality? A Beginners Guide to Alternate Realities" (Invited Presentation) Lippincott Nursing Education Summit, Phoenix, AZ.
4/2020	**Aebersold, M**. "Shifting to a Remote Teaching Environment" (Invited Presentation) Wolters-Kluwer on-line webinar.
6/2020	**Aebersold, M**. & Verkuyl, M. "Navigating the Way Forward: Resources and Best Practices to Embed Virtual Resources in Clinical Education" Michigan Department of Health and Human Services Nursing Program webinar.
7/2020	**Aebersold, M**. "Implementing a Hybrid Approach: Strategies for Moving your Course to a Hybrid Model" (Invited Presentation) Wolters-Kluwer on-line webinar.

1/2021	**Aebersold, M**. "Virtual and Augmented Reality in Healthcare: How to Integrate this into your Education and Training" (Invited Workshop) Michigan Medicine
2/2021	**Aebersold, M**. "Implementing a Hybrid Approach: Strategies for Moving your Course to a Hybrid Model" (Invited Presentation) Texas Board of Nursing Conference.
3/2021	**Aebersold, M**. "Best practices to engage your learners in a digital classroom" (Invited Presentation) Conference Tennessee ADN Programs.
4/2021	**Aebersold, M. "**Simulation's Future: Virtual, Augmented and Mixed Realities. Is your School Ready? (Invited Presentation) Virginia Association of Colleges of Nursing Spring Conference.
4/2021	**Aebersold, M**., Cohen, M., Mahajan, P., Benedict, M. (Invited Presentation) XR Summit Healthcare Panel. https://youtu.be/EWACJwpPruM
8/2021	Aebersold, M. & Kardong-Edgren, S. (Invited Presentation) IMPACTS: Improving Pediatric Acute Care through Simulation Training. Medical Grand Rounds, Texas Tech University.

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Peer-Reviewed Journals and Publications

1. Schuh L. A., Holcomb R., Brown C., Tryon D., & **Aebersold, M**. (1996). Monitoring attendant program: A cost-effective quality solution to off-hour coverage of an epilepsy monitoring unit. *American Journal of Electroneurodiagnostic Technology, 36*(3), 190-196.
2. Dawson C., **Aebersold, M.,** Mamolen N., Goldberg J., & Frank C. (2005). The Michigan leadership model: Developing a management infrastructure. *Journal of Nursing Administration*. *35*(7-8), 342-9. http://dx.doi.org/10.1097/00005110-200507000-00006
3. Kalisch B. J., **Aebersold, M**. (2006). Overcoming barriers to patient safety. *Nursing Economic$*. *24*(3), 143-148, 155, 123; quiz 149.
4. Lansford C. D., Guerriero C. H., Kocan M. J., Turley R., Groves M. W., Bahl V., Abrahamse P., Bradford C. R., Chepeha, D. B., Moyer, J., Prince, M. E., Wolf, G. T., **Aebersold, M.**, & Teknos T. N. (2008). Improved outcomes in patients with head and neck cancer using a standardized care protocol for postoperative alcohol withdrawal. *Archives of Otolaryngology—Head & Neck Surgery*, *134*(8), 865-872. http://dx.doi.org/10.1001/archotol.134.8.865
5. Tschannen, D., & **Aebersold, M.** (2010). Improving student critical thinking skills through a root cause analysis pilot project. *Journal of Nursing Education*, *49*(8), 475-478. http://dx.doi.org/10.3928/01484834-20100524-02
6. Kalisch, B. & **Aebersold, M.** (2010). Interruptions and multitasking in nursing care. *The Joint Commission Journal on Quality and Patient Safety*, *36*(3), 126-132. http://dx.doi.org/10.1016/S1553-7250(10)36021-1
7. The INACSL Board of Direction (2011). [**Aebersold**-**Contributor**]. Standards of best practice: Simulation, *Clinical Simulation in Nursing*, *7*(4) Suppl., S1-S20. http://dx.doi.org/10.1016/j.ecns.2013.05.008
8. **Aebersold, M.,** Kocan, M. J., Tschannen, D. & Michaels, J. (2011). Using simulation in stroke unit education. *Journal of Neuroscience Nursing*. *43*(6), 349-353. http://dx.doi.org/10.1097/JNN.0b013e318234e9ca
9. Tschannen, D., Keenan, G., **Aebersold, M.,** Kocan, M. J., Lundy, F. & Averhardt, V. (2011). Implications of nurse-physician relations: Report of a successful intervention. *Nursing Economic$*, *29*(3), 127-135.

10. **Aebersold, M.** (2011). Using simulation to improve the use of evidence-based practice guidelines. *Western Journal of Nursing Research, 33*(3), 296-305. http://dx.doi.org/doi:10.1177/0193945910379791

11. **Aebersold, M.,** Tschannen, D., Stephens, M., Anderson, P., & Lei, X. (2012). Second Life: A new strategy in educating nursing students. *Clinical Simulation in Nursing. 8*(9), e469-e475. http://dx.doi.org/doi:10.1016/j.ecns.2011.05.002

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13. Tschannen, D., **Aebersold, M**., McLaughlin, E., Bowen, J., & Fairchild, J. (2012). Use of virtual simulations for improving knowledge transfer among baccalaureate nursing students. *Journal of Nursing Education and Practice, 2*(3), 15-24. http://dx.doi.org/10.5430/jnep.v2n3p15

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15. Wilson, D., Redman, R. W., Talsma, A., & **Aebersold, M**. (2012). Differences in perceptions of patient safety culture between charge and non-charge nurses: Implications for effectiveness outcomes research. *Nursing Research and Practice*, *2012,* Article ID 847626, 1-7. http://dx.doi.org/doi:10.1155/2012/847626

16. Fenske, C., Harris, M., **Aebersold, M**., & Hartman, L. (2013). Perception versus reality: A comparative study of clinical judgment skills in nurses during a simulated activity. *The Journal of Continuing Education in Nursing, 44*(9), 399-405. http://dx.doi.org/doi:10.3928/00220124-20130701-67

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Books
1. Smith, S. F., Duell, D. J., Martin, B. C. **Aebersold, M**. **L.**, & Gonzalez, L. (2016). *Clinical nursing skills basic to advanced* (9th Ed). New York, NY: Pearson.

Book Chapters
1. Keenan, G. M., Kocan, M. J., Lundy, F., Averhart, V., & **Aebersold, M**. (2001). Conflict and collaboration: Relationships and challenges. In J. M. Dochterman and H. K. Grace (Eds.), *Current issues in nursing* (6th edition). St. Louis, MO: Mosby.

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Other Media

1. Villarruel, A., **Aebersold, M.**, Tschannen, D., Pedroza, J., Dorantes, M., Gallego, O., & Davis, L. (2010, January 19). Cardiovascular/Respiratory. Online module retrieved from Open.Michigan - Educational Resources Web site: https://open.umich.edu/find/open-educational-resources/nursing/impact-language-culture-healthcare-delivery DeepBlue http://hdl.handle.net/2027.42/117622
2. **Aebersold, M**. (2011). *The Neighborhood in leadership and management*. Video podcast retrieved from http://pearson.hosted.panopto.com/Panopto/Pages/Viewer/Default.aspx?id=a9e4fa5a-8d33-4994-9885-40631d9261c4
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6. Aebersold, M. & Schneidereith, T. (October 20, 2020) Extended reality: the future of nursing education. Blog post in NLN Nursing Edge, https://nlnteq.org/2020/10/20/extended-reality-the-future-of-nursing-education/
7. Aebersold, M. (2020). XR Innovation for Healthcare: 360 videos on caring for patients who are Deaf and hard of hearing. http://hdl.handle.net/2027.42/163521
8. Aebersold, M., Lee, D., Fausone, C. (2021) Caring for our Military Veterans: 360 videos on caring for military Veterans. https://nixr.nursing.umich.edu/
9. Aebersold, M. & Friese, C. Under the Skin: A Virtual Reality training program for chemotherapy safety.

Poster Presentations

1. Kocan, M. J. & **Aebersold, M**. (1991, November). *Collaborative care: A shared approach to improving quality while controlling costs.* Poster presented at the Midwest Regional Clinical Nurse Specialist Conference, Ann Arbor, Michigan.
2. **Aebersold, M.,** Mathews, B., Watts, J., Synder, P., Goldberg, J., & Kaiser, A. (1993). *Calming the storm.* Poster presented at the National Leadership Management of Quality Conference, Ann Arbor, Michigan.
3. **Aebersold, M.** (2007). *Capacity to rescue: Nurse behaviors that rescue patients*. Poster presented at the International Nursing Administration Research Conference, Indianapolis, Indiana.
4. **Aebersold, M.**, & Tschannen, D. (2009). *Second Life: A new world for educating nursing students*. Poster presented at Nursing Research Partnership Poster Day, Ann Arbor, Michigan.
5. Fenske, C., **Aebersold, M.,** & Cambridge, B. (2010, June). *Using a simulated community as the basis for a nursing skills laboratory curriculum*. Poster presented at the Drexel University Nursing Education Institute, South Carolina.
6. Lewis, C., Hayes, M., Merkel, S., Tapley, C. **Aebersold, M.**, Richards-Peal, K., Cauchon, K., & Pichler, J. (2010, September). *Improvement of outcomes for pediatric posterior spine fusion patients*. Poster presented at the Nursing Research Partnership Poster Day, Ann Arbor, Michigan.
7. Tschannen, D., **Aebersold, M.**, & Ziegler, C. (2010, September). *Successful UMHS and UMSON partnership: Involving students in clinically relevant practice improvements through a RCA experience*. Poster presented at the Nursing Research Partnership Poster Day, Ann Arbor, Michigan.

8. **Aebersold, M.** & Tschannen, D. (2010, September). *Second Life: Improving nursing skills through virtual world simulations*. Poster presented at the Nursing Research Partnership Poster Day, Ann Arbor, Michigan.
9. Tschannen, D., **Aebersold, M.,** & Ziegler, C. (2010, November). *Maximizing partnerships between nursing students and hospital staff to improve quality and safety*. Poster presented at the Initiation on the Future of Nursing: Implications for Michigan, Howell, Michigan.
10. **Aebersold, M.** & Tschannen, D. (2010, November). *Improving student skills through virtual simulations in second life*. Virtual poster presented at the Soan C 16th International Conference on Online Learning, Orlando, Florida.
11. Tschannen, D. & **Aebersold, M.** (2010, November). *Increasing competencies for nursing students using a simulated virtual experience*. Virtual poster presented at the Soan C 16th International Conference on Online Learning, Orlando, Florida.
12. Lewis, C., Hayes, M., Merkel, S., Tapley, C. **Aebersold, M.**, Richards-Peal, K., Cauchon, K., & Pichler, J. (2011, September). *Improvement of outcomes for pediatric posterior spine fusion patients*. Poster presented at the Evidence Based Practice, Ann Arbor, Michigan.
13. Tschannen, D. & **Aebersold, M.** (2011, June). *Simulation-driven individualized learning plans.* Poster presented at the Drexel University Nursing Education Institute, Atlantic City, New Jersey.
14. Wilson, D., Talsma, A., Redman, R., & **Aebersold, M.** (2011, September). *RN's perceptions of patient safety culture: comparison between charge nurses and non-charge nurses*. Poster presented at the Nursing Research Partnership Poster Day, Ann Arbor, Michigan.
15. **Aebersold, M.** & Tschannen, D. (2012, April). *Individualized training plans through high fidelity simulation*. Poster presented at presented at the 36th Annual Midwestern Research Conference Dearborn, Michigan.
16. Tschannen, D., **Aebersold, M.**, Ackley, B. Ladwig, G., & Giordano, M. (2012, May). *Root cause thinking: A process for empowering patients to health through patient-centered and evidence-based care*. Poster presented at the Quality and Safety Education for Nurses Conference, Phoenix, Arizona.
17. **Aebersold, M.**, Tschannen, D., Brough, E., Fenske, C., & Cambridge, B. (2012, May). *Development of a clinical tracking tool for student evaluations using an iPad*. Poster presented at the Quality and Safety Education for Nurses Conference, Phoenix, Arizona.
18. **Aebersold, M.** & Tschannen, D. (2012, June). *Using simulation to develop individualized learning plans*. Poster presentation at the 11th Annual International Nursing Simulation/Learning Resource Centers Conference, San Antonio, Texas.
19. Tschannen, D., **Aebersold, M.**, & Kocan, M. (2012, September). *Evaluating the root cause analysis (RCA) project: A UMSH/UMSN partnership to improve patient care delivery outcomes*. Poster presented at the Nursing Research Partnership Poster Day, Ann Arbor, Michigan.
20. **Aebersold, M.** & Tschannen, D. (2013, January). Nursing crew resource management: Innovation in action. Poster presented at International Meeting on Simulation and Healthcare, Orlando, Florida.
21. **Aebersold, M.**, Tschannen, D., & Sculli, G. (2013, April). *Nursing crew resource management: Innovation in action*. Poster presented at the Dean's Annual Research Conference, Ann Arbor, Michigan.
22. Fenske, C.L., Harris, M., **Aebersold, M.** & Hartman, L. (2013, April). *Nurses' self-assessed clinical judgment skills during a simulated activity*. Poster presented at the Dean's Annual Research Conference, Ann Arbor, Michigan.
23. Tschannen, D., **Aebersold, M.**, Kocan, M., & Potempa, K. (2013, May). *Nursing students improving clinical practice to learn and enhance clinical outcomes*. Poster presented at International Council of Nurses' 25th Quadrennial Congress, Melbourne, Australia.
24. Lane, S., Parker, M., **Aebersold, M**., Deleruyelle, E., Smyth, D., & Zebley, D. (2013, September). *5C PillowTalk - An innovative way to raise patient awareness of fall risks*. Poster presentated at UMHS Nursing Poster Day sponsored by Rho Chapter of Sigma Theta Tau International, Ann Arbor, Michigan.
25. Turkelson, C., **Aebersold, M**., & Sculli, G. (2014, January). *Improving nursing communication skills in an intensive care unit using simulation and nursing crew resource management (NCRM) strategies*.

Poster presented during the General Session of the 14th International Meeting on Simulation in Healthcare (IMSH 2014), San Francisco, California.

26. Valladares, A., Villarruel, A., **Aebersold, M.**, & Tschannen, D. (2014, April). *Using Second Life® to develop facilitator capacity to implement a Latino HIV prevention EBI*. Poster presented at the UMHS Adolescent Health Initiative and the Michigan Department of Community Health 2014 Conference on Adolescent Health, Ypsilanti, Michigan.

27. Lee, D., Westfall, M., Edwards, L. **Aebersold, M**., Blush, R., Mason, H., & Bradshaw, K. (2016, June). *Comparison of clinical decision making in nursing students: Simulation or clinical experiences*. Poster presented at Health Professions Education Day, Ann Arbor, Michigan.

28. Graham, L., **Aebersold, M**. & Thompson, W. (2016, June) *Are you measuring what you are evaluating? Taking the mystery out of assessments using the INACSL standards of best practice: assessment and evaluation*. Poster presented at the 15th Annual International Nursing Simulation and Learning Conference, Grapevine, Texas.

29. Munz, S. M., **Aebersold, M**. Bakewell, M., Cherara, L., Fischer, D., Kurz, D., Mullan, P., & Hart, A. (2017, April). *Team simulation to facilitate learning of interprofessional education competencies*. Poster presented at Health Professions Education Day, Ann Arbor, Michigan.

30. Shuman, C., Liu, X., **Aebersold, M**., Tschannen, D., Banaszak-Holl, J., & Titler, M. (2017, December). *Fostering climates for EBP implementation: The influence of nurse manager leadership behaviors and EBP competency on unit climates for EBP implementation in acute care.* 10th Annual Conference on the Science of Dissemination and Implementation in Health (Academy Health), Arlington, Virginia.

31. Munz, S. M., **Aebersold, M**., Hart, A. L., Cherara, L., Bakewell, M. A., Kurz, D., Mullan, P., & Fischer, D. (2018, March). *Student reflection of team-based simulation to facilitate interprofessional education competencies.* Poster presented at the 2018 American Dental Education Association (ADEA) Annual Session & Exhibition, Orlando, Florida.

32. Whalen, M., **Aebersold, M**., Nelson, K., Rooney, D. (2018, June) *The feasibility and use of simulation to assess parent learning: implementation and evaluation of the PAWS program*. Poster presented at the Annual International Nursing Simulation and Learning Conference, Toronto, Ontario, Canada.

33. Schoville, R. & **Aebersold, M**. (2019, June) *Bullying and incivility: an SBE approach to increasing resilience.* Poster presented at the 2019 International Nursing Association Clinical Simulation and Learning Conference, Phoenix, AZ.

Abstracts & Refereed Conference Presentations

1. **Aebersold, M.** & Kocan, M. J. (1993). *Growing pains in coordinated care*. Paper presented at the National Leadership Management of Quality Conference, Ann Arbor, Michigan.

2. Synder, P., Goldberg, J., Mathews, B., Kaiser, A. & **Aebersold, M.** (1993). *Tilting the gyroscope*. Paper presented at the National Leadership Management of Quality Conference, Ann Arbor, Michigan.

3. **Aebersold, M.** & Kocan, M. J. (1994). *New frontiers in variance data collection for the craniotomy patient*. Paper presented at the Southeast Chapter American Association of Neuroscience Nurses Annual Conference, Traverse City, Michigan.

4. **Aebersold, M.,** Brown, C., & Kocan, M. J. (1994, March). *Implementing a coordinated care system for neuroscience patients: Our first thousand days*. Paper presented at the Neuro-Critical Care Conference, Ann Arbor, Michigan.

5. Rajkovich, E., Kocan, M. J., & **Aebersold, M.** (1994, April). *Beyond critical pathways: Developing a coordinated care system*. Paper presented at the American Association of Neuroscience Nurses National Conference, Minneapolis, Minnesota.

6. **Aebersold, M.** & Brown, C. (1995). *Creative approaches to the provision of patient attendant services.* Paper presented at the National Leadership Conference, Ann Arbor, Michigan.

7. **Aebersold, M.** & Landis, D. (2004). *SWAT: A critical care transport team*. Paper presented at the National Teaching Institute Conference sponsored by American Association of Critical Care Nurses, Orlando, Florida.

8. **Aebersold, M.** (2006). *Developing cultures of safety: Critical information every staff nurse needs to know!* Paper presented at the Ohio State University Quest for Excellence Conference, Columbus, Ohio.

9. **Aebersold, M.,** Kocan, M. J., Loik, C., Guerriero, C., & Aranda, M. (2006). *Building a case for a stroke unit*. Paper presented at the American Association of Neuroscience Nurses Annual Meeting, San Diego, California.
10. **Aebersold, M.** (2006). *Research update: Revitalizing the care planning process with NNN using the HANDS methodology*. Panel member at the International Nanda NIC NOC, Philadelphia, Pennsylvania.
11. **Aebersold, M**. & Kocan, M. J. (2007). *Extreme makeover for unit leadership*. Paper presented at the Ohio State University Quest for Excellence Conference, Columbus, Ohio.
12. **Aebersold, M**. (2007). *Essentials for reading and understanding nursing research*. Paper presented at the National Teaching Institute sponsored by American Association of Critical Care Nurses, Atlanta, Georgia.
13. **Aebersold, M.** & Mazurek, P. (2008). *Evaluating nursing competency using high fidelity patient simulation*. Paper presented at the Ohio State University Quest for Excellence Conference, Columbus, Ohio.
14. Guerriero, C., Kocan, M. J., & **Aebersold, M.** (2008). *Last call: Alcohol withdrawal treatment protocol*. Paper presented at the Ohio State University Quest for Excellence Conference, Columbus, Ohio.
15. **Aebersold, M.** & Fenske, C. (2008). *Developing clinical judgment: Immersion vs traditional instruction*. Presented at the Clinical Redesign Conference, Indiana University Purdue University Indianapolis, Indiana.
16. **Aebersold, M.** & Tschannen, D. (2010, April). *Second Life: A new world for educating nursing students*. Paper presented at Dean's Research Day, Ann Arbor, Michigan.
17. Fenske, C. & **Aebersold, M.** (2010, June). *A virtual community: Basis for the development of innovative teaching strategies*. Paper presented at the Drexel University Nursing Education Institute, South Carolina.
18. Tschannen, D. & **Aebersold, M.** (2010, June). *Improving student critical thinking skills through a root cause analysis (RCA). Pilot project.* Paper presented at the Quality and Safety Education for Nurses National Forum, Denver, Colorado.
19. **Aebersold, M.** & Tschannen, D. (2010, June). *Second Life: A new world for educating nursing students*. Paper presented at the Quality and Safety Education for Nurses National Forum, Denver, Colorado.
20. **Aebersold, M.** & Kalisch, B. (2010, September). *Interruptions and multitasking*. Paper presented at the Congress for Advances in Nursing Science, Washington, D.C.
21. Tschannen, D. & **Aebersold, M.** (2010, October). *Second Life: Innovative simulation development making it real.* Paper presented at the International Academic Conference on Meaningful Play, East Lansing, Michigan.
22. **Aebersold, M.** & Tschannen, D. (2011, January). *Second Life: A new world for healthcare education*. Paper presented at the 11th International Meeting on Simulation in Health Care, New Orleans, Louisiana.
23. **Aebersold, M.** & Fenske, C. (2011, June). *Priority setting: Developing a sense of salience utilizing a virtual community*. Paper presented at the Drexel University Nursing Education Institute, Atlantic City, New Jersey.
24. Tschannen, D. & **Aebersold, M.** (2011, March). *Use of virtual simulations using Second Life to enhance student learning*. Paper presented at the 2011 Midwest Nursing Research Society Annual Research Conference, Columbus, Ohio.
25. **Aebersold, M.** & Tschannen, D. (2011, March). *Virtual reality simulations: An integrative pedagogy.* Paper presented at the 2011 Midwest Nursing Research Society Annual Research Conference, Columbus, Ohio.
26. Fenske, C. & **Aebersold, M.** (2011, June). *Integrative teaching: Using a virtual community to bridge the gap between classroom and clinical teaching*. Paper presented at the Drexel University Nursing Education Institute, Atlantic City, New Jersey.
27. **Aebersold, M.** & Tschannen, D., & Bathish, M. (2011, June). *Using virtual simulations to improve student performance*. Paper presented at the Drexel University Nursing Education Institute, Atlantic City, New Jersey.

28. **Aebersold, M.** & Tschannen, D. (2011, June). *Integrating the QSEN KSA's into senior level capstone courses*. Paper presented at the Quality and Safety Education for Nurses National Forum: Charting the Course, Milwaukee, Wisconsin.
29. **Aebersold, M.**, Fenske, C., & Cambridge, B. (2011, June). *Using a virtual community to facilitate the integration of the KSA's of patient centered care.* Paper presented at the Quality and Safety Education for Nurses National Forum: Charting the Course, Milwaukee, Wisconsin.
30. Tschannen, D. & **Aebersold, M.** (2011, June). *Simulation development for integration of the QSEN competencies*. Paper presented at the Quality and Safety Education for Nurses National Forum: Charting the Course, Milwaukee, Wisconsin.
31. Fenske, C., Gonzalez, L., & **Aebersold, M.** (2011, September). *Best practices teaching with virtual communities.* Paper presented at the National League for Nursing Summit, Orlando, Florida.
32. **Aebersold, M.** & Fenske, C. (2012, January). *Virtual communities: Contextualizing the simulation and lab experiences*. Paper presented at the International Meeting on Simulation in Healthcare, San Diego, California.
33. Tschannen, D. & **Aebersold, M.** (2012, April). *Development of simulations: A means for maximizing nurses' training and education*. Workshop presented at the 36th Annual Midwestern Research Conference, Dearborn, Michigan.
34. Lewis, C. & **Aebersold, M.** (2012, April). *Improvement of outcomes for pediatric posterior spinal fusion patients.* Paper presented at the 36th Annual Midwestern Research Conference, Dearborn, Michigan
35. Wilson, D., Talsma, A., Redman, R., & **Aebersold, M.** (2012, April). *The role of collective safety organizing behaviors in perceptions of patient safety culture*. Paper presented at the 36th Annual Midwestern Research Conference, Dearborn, Michigan.
36. **Aebersold, M.**, Tschannen, D. & Sculli, G. (2012, May). *Nursing crew resource management: Innovation in action*. Paper presentation at the Quality and Safety Education for Nurses Conference, Phoenix, Arizona.
37. **Aebersold, M.**, Fenske, C., & Gonzalez, L. (2012, June). *Using virtual communities as context for education*. Paper presentation at the 11th Annual International Nursing Simulation/Learning Resource Centers Conference, San Antonio, Texas.
38. **Aebersold, M.**, Tschannen, D., & Sculli, G. (2013, March). *Improving nursing student's communication skills through nursing crew resource management.* Paper presented at the 37th Annual Midwestern Research Conference, Chicago, Illinois.
39. **Aebersold, M.**, Tschannen, D., Brough, E., Potempa, K. & Haggerty, B. (2013, May). *Preparing the student for the clinical environment using innovative simulation methods.* Paper presented at International Council of Nurses' 25th Quadrennial Congress, Melbourne, Australia.
40. **Aebersold, M.**, Turkelson, C., & Fenske, C. (2013, June). *Integrating the INACSL standards of best practice into simulation center operations*. Paper presented at the 12th Annual International Nursing Simulation/Learning Resource Centers Conference, Las Vegas, Nevada.
41. Tschannen, D., Brough, L., & **Aebersold, M.** (2013, November). *An academic service partnership to achieve integration for improving patient outcomes*. Clinical symposium at Sigma Theta Tau International's 42nd Biennial Convention, Indianapolis, Indiana.
42. Tschannen, D., McClish, D., **Aebersold, M.**, & Rohde, J. (2014, March). *Improving nurse and physician communication through the implementation of a crew resource management (CRM) intervention*. Paper presentation at the 38th Midwest Nursing Research Society Annual Research Conference, St. Louis, Missouri.
43. Turkleson, C., **Aebersold, M.**, & Sculli, G. (2014, March) *Improving nursing communication skills in an intensive care unit using simulation and nursing crew resource management (NCRM) strategies*. Paper presentation at the 38th Midwest Nursing Research Society Annual Research Conference, St. Louis, Missouri.
44. **Aebersold, M.** & Lange, J. (2014, April). *A hands-on experience in simulation center design principles and application to practice*. Paper presented at Human Patient Simulation Network Conference (HSPN), Sarasota, Florida.

45. Villarruel, A. M. & **Aebersold, M**. (2014, June). *Avatars travel for free: Decreasing disparities in community access for training and capacity building*. Paper presented at 2014 HHS Teen Pregnancy Prevention Grantee Conference, Washington, D.C.
46. **Aebersold, M**., Lange, J., & Houston, M. (2014, June). *A hands-on experience in simulation center design principles and application to practice*. Workshop presented at the 13th Annual International Nursing Simulation/Learning Resource Centers Conference, Orlando, Florida.
47. **Aebersold, M**., Tschannen, D., & Villarruel, A. M. (2014, September). *The acceptability of training for evidence based interventions in a virtual environment*. Paper presented at the 2014 State of the Science Congress on Nursing Research, Washington, D.C.
48. Tschannen, D., **Aebersold, M**., Woloskie, S., & Devries, L. (2014, October). *Use of online modules and video simulation in annual nursing staff competency blitz*. Paper presented at the 2014 Online Learning Consortium International Conference, Orlando, Florida.
49. **Aebersold, M** & Tschannen, D. (2014, October). *Using blogs to improve student engagement and learning*. Paper presented at the 2014 Online Learning Consortium International Conference, Orlando, Florida.
50. Lange, J., Houston, M., & **Aebersold, M**. (2015, February). *Understanding the planning and design of simulated interdisciplinary health science education environment*. Paper presented at the Human Patient Simulation Network World 2016, Tampa, Florida.
51. **Aebersold, M** & Tschannen, D. (2015, May). *Using virtual environments to teach quality and safety concepts*. Paper presented at the 2015 Quality and Safety Education for Nursing National Forum, San Diego, California.
52. Tschannen, D., **Aebersold, M**., Yaksich, J., & Villarruel, A. (2016, March). *Virtual training as good as face-to-face: Implementation post-virtual training in Second Life*. Paper presented at the 2016 40th Annual Research Conference of the Midwestern Nursing Research Association, Milwaukee, Wisconsin.
53. Kardong-Edgren, S. & **Aebersold, M.** (2016, June). *INACSL research fellowship*. Workshop presented at the 15th Annual International Nursing Simulation and Learning Conference, Grapevine, Texas.
54. **Aebersold, M.,** Graham, L., Paige, J., Sittner, B., & Thompson, W. (2016, June). *Integrating the INACSL standards of best practice into your simulation practice*. Workshop presented at 15th Annual International Nursing Simulation and Learning Conference, Grapevine, Texas.
55. Lang, J., **Aebersold, M.,** & Houston, M. (2016, June). *Experiential learning trends in space design*. Workshop presented at 15th Annual International Nursing Simulation and Learning Conference, Grapevine, Texas.
56. Kardong-Edgren, S. & **Aebersold, M.** (2016, June). *Applying lessons from the American Academy of Nursing Leadership workshop to simulation*. Paper presented at 15th Annual International Nursing Simulation and Learning Conference, Grapevine, Texas.
57. Sittner, B., **Aebersold, M.,** Graham, L., Paige, J., & Thompson, W. (2016, June). *Revisions to the INACSL standards of best practice*. Paper presented at 15th Annual International Nursing Simulation and Learning Conference, Grapevine, Texas.
58. Lange, J., Houston, M. & **Aebersold, M**. (2017, March). *Designing the process and space of interdisciplinary environments*. Paper presented at Human Patient Simulation Network World 2017, Ponte Vedra Beach, Florida.
59. **Aebersold, M** & Nelson, K. (2017, June). *Breaking bad news: using simulation to improve pediatric nurse practitioner student skills in this difficult conversation*. Paper presented at the 16th Annual International Nursing Simulation and Learning Conference, Washington, D.C.
60. Turkelson, C., Dubert, C., Kardong-Edgren, S., **Aebersold, M**., Mariana, B., Badowski, D., & Rossler, K., (2017, June). *The INACSL Research fellowship: learning how to be a grant writer*. Paper presented at the 16th Annual International Nursing Simulation and Learning Conference, Washington, D.C.
61. Paige, J., Sittner, B., Thomson, W., Graham, L., **Aebersold, M**., & Leighton, (2017, June). *Hear ye! Hear ye! Learn all about the 2016 edition of the INACSL Standards of Best Practice: Simulation.* Paper presented at the 16th Annual International Nursing Simulation and Learning Conference, Washington, D.C.

62. Hart, A. L., Munz, S., Fischer, D., **Aebersold, M**., Kurz, D., Cherera, L., Mullan, P. (March, 2018). *Assessing interprofessional teamwork skills with an acute care simulation about goals and values.* Paper presented at the 2018 National Academies of Practice Annual Meeting and Forum, Atlanta, Georgia.

63. Shuman, C., Liu, X., Banaszak-Holl, J., **Aebersold, M**., Tschannen, D., & Titler, M. (April, 2018). *Fostering climates for implementation: The influence of unit leadership on unit climates for EBP implementation in acute care.* Midwest Nursing Research Society (MNRS) 2018 Annual Meeting, Cleveland, Ohio.

64. Liang, C., Start, C., Boley, H., Kamat, V., Menassa, C., & **Aebersold, M**. (October, 2018). An augmented reality environment for enhancing clinical training experience: stroke assessment simulation. Paper presented at Meaningful Play, East Lansing, MI.

65. **Aebersold, M**. & Aebersold, C. (January, 2019). *Harnessing the power of Kotter's change model to implement your simulations*. Workshop presented at the 19th International Meeting on Simulation in Healthcare, San Antonia, TX.

66. Hayes, C., Piehl, A., Fore, A., Rooney, D., & **Aebersold, M.** (January, 2019). *Pilot simulation training program for cumulative quantification of blood loss (qbl) for recognition and prevention of obstetric hemorrhage.* Paper presented at the 19th International Meeting on Simulation in Healthcare, San Antonia, TX.

67. **Aebersold, M**. (May, 2019). *Implementing your simulation program using Kotter's eight stages of change.* Paper presented at the 11th Annual International Pediatric Simulation Symposia and Workshops, Toronto, CA.

68. **Aebersold, M**., Friese, C., Farris, K., Kraft, S., Montgomery, G., Olsen, M., Polovich, M., & Shelton, B. (September, 2019) *Development and Preliminary Evaluation of a Blended Learning Approach to Improve the Safety of Chemotherapy Care: the Multi-professional Oncology Safety and Simulation Training (MOSST) Program.* Paper presented at the International Cancer Education Conference, Salt Lake City, UT.

69. Schoville, R. & **Aebersold, M.** (June, 2020). When bullying occurs in the workplace patient-center care and safety are impacted, Virtual presentation at Annual International Nursing Simulation and Learning Conference.

70. Calhoun, A., Eller, S., **Aebersold, M**., & Shinnick, M., (February, 2021). SSH Simulation scholarship map: an interactive review. Virtual presentation at the International Medical Simulation in Healthcare Conference.

71. **Aebersold, M**., Hackett, M., Katz, D., & Spain, A. (March, 2021) SSH Technology committee presents: technology, trends, concepts and ideas. Virtual presentation at the International Medical Simulation in Healthcare Conference.

72. Kardong-Edgren, S., **Aebersold, M**. (2021). Virtual conference. Improving community-based emergency room pediatric treatment: The ImPACTS program. International Nursing Association of Clinical Simulation and Learning. 16 June.