**SECTION I**

*Updated February 2024*

**A.  PERSONAL DATA**

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| Name and Credentials | Ann Butt, EdD, RN, CHSE |
| Rank and Title | Associate Professor (Clinical) |
| Contact Information  Phone  E-Mail | College of Nursing  10 South 2000 East  Salt Lake City, UT 84112  (208) 371-2997  ann.butt@nurs.utah.edu |
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**B. EDUCATION**

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| 1. Year | Degree | Institution (Area of Study/Specialization) |
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| 2015 | EdD | Boise State University, Boise, ID (Curriculum and Instruction) |
| 2011  1985  1982 | MS  BS  BA | Idaho State University, Pocatello, ID (Nursing Education)  Creighton University, Omaha, NE (Nursing)  Concordia College, Moorhead, MN (Health Education, Biology) |
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| 2. Licensure / Certification |  |
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| Utah RN License # 501115-3102  Basic Life Support (current)  Certified Healthcare Simulation Educator (CHSE) 2014-present |  |
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**C. EMPLOYMENT / PROFESSIONAL EXPERIENCE**

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| Dates | Position and Institution |
| 8/2022 – present  8/2022-present | [Acting/Interim] Executive Director of Simulation & Experiential Learning, University of Utah College of Nursing Simulation Center  [Acting/Interim] Co-Director Center for Interprofessional Simulation-Based Experiential Learning, University of Utah Health Sciences |
| 8/2016 – present | Clinical Associate Professor (2020-present), Assistant Professor (2016-2020) University of Utah College of Nursing, Salt Lake City, UT |
| 8/2012 – 8/2016  8/2006 –5/2012  4/2010 –12/2014  12/2005 – 4/2010  8/2001 – 8/2005  1/1994 – 3/1999  5/1991 – 1/1996  1/1989 – 3/1991  6/87 – 12/1988  1/1987 – 6/1987 and 1/89-3/91  1/1986 – 1/1987 | Clinical Assistant Professor  Boise State University School of Nursing, Boise, ID  Adjunct Clinical Faculty/Lecturer  Boise State University School of Nursing, Boise, ID  House Supervisor/Charge RN Intensive Care Unit  Southwest Idaho Advanced Care Hospital, Boise ID  Staff RN – Multiple acute care facilities and Home Care  Medical Staffing Network, Boise, ID  Staff RN (TBI, CVA, SCI)  Shands Rehabilitation Hospital, Gainesville, FL  Staff RN, Case Manager  NMC Home Health Care, Santa Fe, NM  Staff RN Critical Care, Clinical Coordinator/House Supervisor  Los Alamos Medical Center, Los Alamos, NM    Staff/Charge RN, Critical Care  Altoona Hospital, Altoona, PA  Director of Cardiac Rehabilitation  Nittany Valley Rehabilitation Hospital, Bellefonte, PA  Staff RN, Ventilator Unit (TBI, CVA, SCI)  Nittany Valley Rehabilitation Hospital, Bellefonte, PA  Staff RN, Critical Care (Adult ICU and Telemetry Unit)  Charles E. Still Osteopathic Hospital, Jefferson City, MO |
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**D. HONORS, RECOGNITIONS & AWARDS**

| Year | Recognition | Received From |
| --- | --- | --- |
| 2023  2023  2022  2021  2020  2019  2018-23  2018  2018 | Panelist 2024 Horizon Report on Teaching & Learning  Invited Attendee “Medicine in the Metaverse” think-tank on virtual reality use in higher education  Excellence in Mentoring Award  Excellence in Teaching Award  Fellow, Academy of Health Science Educators  Best Research Article *Clinical Simulation*  *In Nursing,* 2018  Health Sciences Leadership Course funding  Career & Professional Development Center Faculty Award  Nominated for Excellence & Innovation in Teaching Award | Educause  Yale University  University of Utah CON  Sigma, Gamma Rho Chapter  University of Utah  International Nursing Association  for Clinical Simulation & Learning  Linda K. Amos Leadership Fund  University of Utah [student nominated award]  American Association of Colleges of Nursing |
| 2017-2019  2016-17  2015 | Honors for Nursing  Faculty Ambassador for Student Success  WICHE Outstanding Work (WOW) Award for  team that created simulation experience in virtual reality. [WOW award never before or since awarded to Nursing Education] | University of Utah  University of Utah Undergraduate Studies  Western Interstate Commission for Higher Education Cooperative for Education Technologies |
|  |  |  |
| 2012 | Health Information Technology Scholar | National League for Nursing/The Health Resources & Services Administration’s Bureau of Health Professions |

**E. RESEARCH AND SCHOLARLY WORK**

1. Extramural Grants/Contracts

| Dates  4/16  5/15 | Amount  1,005,000  750,000 | Funding Status  Not funded  Not funded | Title & Funding Agency  Creating a Center for Virtual and Mobile Augmented Reality Studies at Boise State—An Investment in Idaho’s Future.  State Board of Education Higher Education Research Council  Advances in Patient Safety through Simulation Research (R18): Improving Patient Safety Through Virtual Reality Simulation. National Institutes of Health | Role (PI, Co-PI)  Co-PI  Co-Investigator |
| --- | --- | --- | --- | --- |

1. Intramural Grants/Contracts

Dates Amount Funding Status Title & Funding Agency Role (PI, Co-PI)

2/2020 1410.42 Funded Operation Escape Lab PI

University of Utah Teaching Grant

7/2018 2,500 Funded Using Virtual Reality for Deliberate Co-PI

Practice and Mastery Learning.

University of Utah College of Nursing

Research Committee

4/2018 7,000 Not funded Using Virtual Reality for Deliberate Co-PI

Practice and Mastery Learning.

University of Utah Teaching Grant

1/2018 3,000 Funded Using Virtual Reality for Deliberate Co-PI

Practice and Mastery Learning.

University of Utah Academy of

Health Science Educators Small

Grants Program

| Dates  1/2014  2/2014  5/2010 | Amount  29,000  2000  500 | Funding Status  Funded  Funded  Funded | Title & Funding Agency  Virtual Reality Nursing Simulation Toolkit. Boise State University Office of research and Innovation and Jody DeMeyer Endowment  Implementation and Evaluation of Multiple Patient Simulation as a Teaching Method in Undergraduate Nursing Education. Center for Teaching & Learning Investigating Student Learning grant  Multiple patient scenario development. Boise State University School of Nursing Faculty Stipend for Simulation | Role (PI, Co-PI)  Investigator  Co-PI  PI |
| --- | --- | --- | --- | --- |

1. Independent Research

**F. PUBLICATIONS & EDITORIAL EXPERIENCE (**Peer reviewed publications\*, data based publications#)

1. Books (or Chapters in Books)

\*#Butt, A. (2019). Contributed medical-surgical nursing questions in Billings, D.M. & Hensel, D. (editors), *Q & A Review for NCLEX-RN* (13th ed.). Philadelphia: Wolters Kluwer.

\*#Butt, A. (2017). Contributed medical-surgical nursing questions in Billings, D.M. & Hensel, D. (editors), *Q & A Review for NCLEX-RN* (12th ed.). Philadelphia: Wolters Kluwer.

\*#Butt, A. (2016). Example of a DNP project proposal: Game-based virtual reality as a learning tool for repetitive practice of essential procedural skills, *Inquiry and Leadership: A Resource for the DNP Project.* Philadelphia, PA: F.A. Davis.

\*#Butt, A. (2015). Contributed medical-surgical nursing questions in Billings, D.M. & Hensel, D. (editors), *Q & A Review for NCLEX-RN* (11th ed.). Philadelphia: Wolters Kluwer.

1. Journal Publications

\*#Butt, A., Kardong-Edgren, Ellertson, A. (2018, March). Using game-based virtual reality with haptics for skill acquisition. *Clinical Simulation in Nursing, 16,* 25-32. [Awarded Best Research Article 2018]

\*#Kardong-Edgren, S., Butt, A., Macy, R., Harding, S., Roberts, C., McPherson, S., Waddell, A., Erickson, A. (2015). Expert modeling, expert/self-modeling vs. lecture: A comparison of learning, retention, and transfer of rescue skills in health professions students. *Journal of Nursing Education*, 54(4), 185-191.

\*#Josephsen, J., & Butt, A. (2014). Virtual multipatient simulation: A case study. *Clinical Simulation in Nursing, 10*(5), e235-e240.

1. Papers, Monographs and Reports

\*#Kardong-Edgren, S., Swiderski, D., Noland, H., Wasseem, M., Charles, S., Chen, S. (2022). CHSE Blueprint Review Reference Manual. Society for Simulation in Healthcare. Contributor.

1. Published Abstracts
2. Editorial Boards
3. Manuscript & Abstract Reviews

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| --- | --- |
| Years  2023  2022  2022  2020  2019, 20, 23  2019  2014-present  2017-  present | Journal  2024 NLN Education Summit Conference abstract reviewer  Western Institute of Nursing Conference abstract reviewer  Virtual Reality, invited manuscript reviewer  2021 International Meeting on Simulation in Healthcare Conference abstract reviewer  American Educational Research Association Annual Meeting abstract reviewer  Behavior and Information Technology, invited manuscript reviewer  Clinical Simulation in Nursing  Journal of Professional Nursing |

1. Other – Doctoral Dissertation

\*#Butt, Ann, "Exploring the Usability of Game-Based Virtual Reality for Development of Procedural Skills in Undergraduate Nursing Students" (2015). Boise State University Theses and Dissertations. 938. <http://scholarworks.boisestate.edu/td/938>

**G. PRESENTATIONS**

1. Peer-Reviewed Presentations

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| --- | --- | --- |
| Dates  1/2024  4/2023  4/2022  2/2022  1/2022  9/2020  8/2020  10/2019  1/2019  4/2016  4/2016  1/2016  10/2015  6/2015  9/2014  4/2014 | Title, Sponsor  Imagine U: Using Simulation to Increase Exploration of Careers in Nursing & Medicine.  International Meeting on Simulation in Healthcare  Allen, N, Cluff, E., Butt, A., Flattes, V. & Sanchez-Birkhead, A. Creating a pipeline: Middle School Camp for Racially & Ethnically Diverse Youth. Western Institute of Nursing  Lassche, M. & Butt, A. (2020). Virtual Reality  for Deliberate Practice & Mastery Learning: Sterile Technique. Western Institute of Nursing  Butt, A. (2022). Using Virtual Reality for Deliberate Practice & Mastery Learning. Healthcare Summit 2022: 3rd Global Virtual Summit on Healthcare & Management  Butt, A. & Lassche, M. (2022). Out of this World and Into Virtual Reality. International Meeting on Simulation in Healthcare.  Kerney, S. & Butt, A. (2020). Operation Escape Lab. SimGHOSTS Global Experience  Butt, A. & Kerney, S. (2020). Operation Escape Lab. Academy of Health Sciences Educators 7th Annual Education Symposium  Josephson, J. & Butt, A. (2019). Instructional Tools for Cognition & Self-Regulated Learning. American Academy/3rd World Congress of Optometry  Butt, A. & Lassche, M. (2019). Using Virtual Reality for Deliberate Practice & Mastery Learning. International Meeting on Simulation in Healthcare.  Butt, A. (2016). Game-based virtual reality for development of procedural skills. Nurse Education Today & Nurse Education in Practice 6th International Nurse Education Conference.  Butt, A., Ellertson, A. & Kardong-Edgren, S. (2016). Other than manikin simulation methods: Deliberate practice using 3D virtual reality. National League for Nursing Simulation Conference.  Butt, A. & Ellertson, A. (2016). Game-based virtual reality to practice nursing procedures. 16th International Meeting on Simulation in Healthcare: Serious Games & Virtual Environments Arcade & Showcase  Ellertson, A., Kardong-Edgren, S. & Butt, A. Virtual reality system for mastering medical skills. WCET conference [Acknowledged with and accepted WOW award]  Butt, A. & Connor, K. (2015). Engaging through games. International Nursing Association of Clinical Simulation and Learning conference.  Kardong-Edgren, S., Decker, S., Platt, A. & Butt, A. (2014). Deliberate practice and mastery learning: What, why, how and current research. National League for Nursing Education Summit podium symposium  Josephsen, J. & Butt, A. Using multiple patient simulation to aid transition to practice. NLN Simulation Conference | Location  International Meeting held in San Diego, CA, USA  Tucson, AZ, USA  Portland, OR, USA  International Summit, presented virtually  International Meeting held in Los Angeles, CA, USA  International, Austin, TX, USA (cancelled), presented virtually  University of Utah, Salt Lake City, UT, USA, presented virtually  International Congress held in Orlando FL, USA  International Meeting held in San Antonio, TX, USA  Brisbane, Australia  Boise, ID, USA  International Meeting held in San Diego, CA, USA  Denver, CO, USA  International Conference held in Atlanta, GA, USA  Phoenix, AZ, USA  Boise, ID, USA |

1. Invited Speeches / Lectures / Demonstrations

Perkins, R., McLeskey, N., & Butt, A. (October, 2023). (Presented virtually). Supporting competency based geriatric education using in-class simulation. National Hartford Center of Gerontological Nursing Excellence.

Butt, Ann (February, 2023). Invited to Medicine in the Metaverse “think tank” at Yale University.

Butt, Ann & Josephsen, Jayne (October, 2019). 3rd World Congress of Optometry, symposium and workshop: Engaging students in learning through cognition, self-regulation, and deliberate practice. Orlando, FL

Butt, Ann (February, 2019). Idaho State University Master’s in Nursing Education guest presentation: Using simulation for learning. (virtual webinar)

Butt, Ann & Ellertson, A. (November, 2015). Bronco Zone Lunch presentation: Using virtual reality and game design in nursing education. Boise State University, Boise, ID

1. Posters (peer reviewed\* and data based#)

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| --- | --- | --- |
| Dates  8/2020  9/2019  1/2015  10/14  11/13  4/2013  10/12 | Title, Sponsor  \*#Schvaneveldt, N., Patterson, B., Butt, A., Kranz, C., & Macali, J. (2020). *Stop, Collaborate and Listen: Exploring the Gameful Side of Nursing Education.* Medical  Library Association Conference  \*#Lassche, M. & Butt, A. (2019). Using virtual reality for deliberate practice and mastery learning. Academy of Health Science Educators 6th Annual Education Symposium  \*#Butt, A. and Josephsen, J. (2015). Using multiple patient simulation to develop decision-making and delegation skills in undergraduate nursing students. Great Ideas for Teaching and Learning Symposium.  \*#Butt, A. (2014). Multiple patient simulation to develop decision-making and delegation skills in undergraduate nursing students. Hot Topics in Healthcare Simulation.  \*#Butt, A. & Josephsen, J. (2013). Lessons learned and questions asked: Reflections on a multi-patient scenario pilot. National League for Nursing Technology Conference  \*#Butt, A. & Josephsen, J. (2013). Enhancing decision-making and delegation skills with simulation and informatics. Western Institute of Nursing conference.  \*#Butt, A. (2012). Evolution of a preceptorship for senior level BSN students using tabletop simulation. National League for Nursing Technology conference. | Location  Portland, OR, USA (cancelled),  presented virtually  University of Utah, Salt Lake City, UT, USA  Boise State University, Boise, ID, USA  The City University of New York/NYU Langone Medical Center  New York, NY, USA  New Orleans, LA, USA  San Diego, CA, USA  Spokane, WA, USA |

4. Media

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| --- | --- | --- |
| Dates  4/2016  3/2016 | Title/Topic  Boise State video “game” could transform nursing education. Available at <http://www.idahostatesman.com/living/health-fitness/article73710932.html>  Gaming technology improves learning for nursing students. Available at <https://news.boisestate.edu/update/2015/03/06/gaming-technology-improves-learning-nursing-students/> | Type of Media  Newspaper, print and electronic  Electronic Newsletter |

**H. FACULTY PRACTICE**

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**I. PROFESSIONAL ORGANIZATIONS & SERVICE**

1. College of Nursing Committees

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| --- | --- | --- |
| Years  2023-present  2021-present  2019-2021  2017-present  2016-present  2016-present  2020  2020  2018  2016-17  2016-2018 | Committee  Simulation Faculty Search Committee  CON Academic Appeals Committee  Baccalaureate Admissions & Advancement Committee  Baccalaureate Curriculum Committee  Simulation Team  Baccalaureate Program Committee  Retention & Promotion Review Sub-Committee  Assistant Dean Search Committee  Baccalaureate Search Committee  Retention and Promotion Review Sub-Committee  Undergraduate Scholarship Committee | Role  Ad Hoc Member  Chair  Member  Chair 2018-21, Member  Team Lead, Member  Member  Member  Ad Hoc Member  Ad Hoc Member  Member  Member |

1. Health Sciences Center Committees

|  |  |  |
| --- | --- | --- |
| Years | Committee | Role |
| 2022-present  2022-present  2022- present  2022-present | Health Sciences Education Executive Committee  Academy of Health Sciences Educators Executive Committee  Center for Interprofessional Simulation-Based Experiential Learning Executive Committee  UU Academy of Health Science Educators Education Committee/Education Symposium | Member  Member  Co-Director  Member, Chair 2023 |

1. University Committees

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| --- | --- | --- |
| Years  2024-present  2023-present  2022-present  2020-  26  2016-17 | Committee  Envision 2030: Innovating the Classroom Experience  University Teaching Committee  CPRB/SFRC Committee  Senate Consolidated Hearing Committee  Faculty Ambassador for Student Success | Role  Invited Member  Member  Member  Member  CON Ambassador |

1. Professional Organizations

|  |  |  |
| --- | --- | --- |
| Years  2023-present  2022-present  2019  2017-present  2016-  present  2016-present  2010-2016  1985- present  2008-present  2011-present  2006- present  2011-present  2014-present  2015-present | Committee  American Nurses’ Association  Utah Organization of Nurse Leaders  Utah Nurses Foundation  Utah Simulation Coalition  Academy of Health Science Educators, University of Utah  Sigma: Gamma Rho chapter  Sigma Theta Tau International: Mu Gamma chapter  Sigma Theta Tau International Honor Society  National League for Nursing  American Nurses’ Association (+ state)  American Association of Critical Care Nurses  International Nursing Association for Clinical Simulation and Learning  Society for Simulation in Healthcare  American Educational Research Association | Role  Career Mentor Program, paired with  Sara Wall, early-career RN/educator  Member  Board Member  Member, Community Rep 2019-20/President-Elect 2023-25  Member, Inducted as Fellow 2020  Member/Secretary 2017-2019  Chair, Awards & Scholarships; Chair, Governance Committee  Member  Member  Member (Idaho, Utah)  Member  Member  Member  Member |

1. Consultation and Boards

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| --- | --- | --- |
| Mo/Yr  2022-  present  2016  2015-2017  2015-2016  2013-2014 | Firm/Client  University of Utah Center for Teaching Excellence Advisory Board  National League for Nursing, High Stakes Assessment study  University of Texas-Arlington simulation study  Elsevier  Shadow Health | Role  Advisor  Simulation expert/video reviewer  Simulation expert/video reviewer  Subject matter expert, virtual simulation curriculum development  Subject matter expert, virtual simulation curriculum development and assessment |

1. Other

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| --- | --- | --- |
| Years  2020-present  2019-present  2019-present  2017-present  2014-16 | Committee  Implementation of Gracie the Therapy Dog program for students, faculty and staff within CON  Faculty Cohort Mentor implementation  Labs 4 Liberty (University of Utah Student  Association)  College Student Council/National Student Nurses Association – peer mentoring established within CSC, 2017  National Student Nurses’ Association (Boise State University Chapter) | Role  Lead  Lead  Faculty Advisor  Faculty Advisor  Faculty Advisor |

**J. COMMUNITY SERVICE**

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| --- | --- | --- |
| Dates  2017-present  2011-13  1982-present | Organization/Site  Labs 4 Liberty  Morgan, UT  Ride for Joy Therapeutic Riding Program  Boise, ID  American Red Cross | Role/Activity  Volunteer/Foster/Trainer  Volunteer  Volunteer: Regular blood donor |
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**SECTION II**

**M. CURRENT & PAST AREAS OF TEACHING RESPONSIBILITY**

1. Courses Taught Over Past 5 Years

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| --- | --- | --- | --- | --- | --- |
| Year  2021-present  2018-22  Fall/Spring  2017-23  Fall/Spring  2017-22  Spring | Course #  (NA)  3300  3305  6071 | Title  Simulation (Basic & Advanced)  Professional Roles 1  Foundations of Clinical Nursing Care  Curriculum Development & Evaluation | Credit Hrs  (NA)  4    4      3 | Number    (NA)    72      72/60        20 | Role  Facilitator  Team Member/Team Lead  Team Lead/Team Member  Single Faculty |
| 2016  2016-17  2016-22 | 4500  4650  (NA) | Principles of Clinical Management III  Capstone Clinical  Simulation (25-30% teaching load) | 3  8  (NA) | 68    68  (N/A) | Team Member  Team Member  Facilitator/Team member |

1. Development of New Courses

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Year  2018  2017  2016 | Course No.  3300  3305  6071 | Title  Course Redesign: Professional Roles 1  Course Redesign: Foundations of Clinical Nursing Care  Course Redesign: Curriculum Development & Evaluation | Credit Hrs.  4    4  3 | Number    72    68-72  20 |

1. Honors Students Supervised or Taught
2. Independent Study / Faculty Consultation

|  |  |  |
| --- | --- | --- |
| Year | Level/Student Name | Role |
| 2022 | Undergraduate/Dyiyah Mumpuni  Universitas Indonesia Baccalaureate Thesis | Invited Committee Member |

1. Graduate Students Supervision

A. Master’s Thesis / Project

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| --- | --- | --- |
| Year  2021  2020  2019  2018 | Student Name  Jessica Diaz  Anna Rodriguez  Cristina Monge  DeAnne Monson | Role  MSN Ed Practicum Preceptor (Simulation)  MSN Ed Practicum Preceptor (classroom/Professional Roles)  MSN Ed Practicum Preceptor (Simulation)  MSN Ed Practicum Preceptor (Simulation) |
|  |  |  |

B. Dissertations

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| --- | --- | --- |
| Year | Student Name | Role |
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2023 Kirsten Schmutz, University of Utah, expected Committee Member

completion 2024. *Identifying barriers to patient*

*participation in physical therapy in the ICU after*

*cardiac surgery and how healthcare providers*

*overcome them*.

C. DNP Capstone

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| --- | --- | --- |
| Year  2023  2016 | Student Name  Abbey Hafen, University of Utah,  completion 2024. *A goals of care-focused simulation for Family Nurse Practitioner students.*  Paulla Mizer, Chatham University. *Using simulation to promote critical thinking development in undergraduate nursing students.* | Role  Simulation Content Expert  Preceptor,  Committee Member |
|  |  |  |