**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 InformationPhone E-Mail | College of Nursing10 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) |
|  |  |  |
| 2015 | EdD | Boise State University, Boise, ID (Curriculum and Instruction) |
|  2011 1985 1982 | MSBSBA | 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 # 501115-3102Basic 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 – present8/2022-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 – 8/20168/2006 –5/20124/2010 –12/2014 12/2005 – 4/20108/2001 – 8/20051/1994 – 3/1999 5/1991 – 1/1996 1/1989 – 3/19916/87 – 12/1988 1/1987 – 6/1987 and 1/89-3/911/1986 – 1/1987  | Clinical Assistant Professor Boise State University School of Nursing, Boise, IDAdjunct Clinical Faculty/Lecturer Boise State University School of Nursing, Boise, IDHouse Supervisor/Charge RN Intensive Care Unit Southwest Idaho Advanced Care Hospital, Boise IDStaff RN – Multiple acute care facilities and Home CareMedical Staffing Network, Boise, IDStaff RN (TBI, CVA, SCI)Shands Rehabilitation Hospital, Gainesville, FLStaff RN, Case Manager NMC Home Health Care, Santa Fe, NMStaff RN Critical Care, Clinical Coordinator/House Supervisor Los Alamos Medical Center, Los Alamos, NM Staff/Charge RN, Critical Care Altoona Hospital, Altoona, PADirector of Cardiac Rehabilitation Nittany Valley Rehabilitation Hospital, Bellefonte, PAStaff RN, Ventilator Unit (TBI, CVA, SCI) Nittany Valley Rehabilitation Hospital, Bellefonte, PAStaff 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 |
| --- | --- | --- |
| 2023202320222021202020192018-2320182018 | Panelist 2024 Horizon Report on Teaching & LearningInvited Attendee “Medicine in the Metaverse” think-tank on virtual reality use in higher educationExcellence in Mentoring AwardExcellence in Teaching AwardFellow, Academy of Health Science EducatorsBest Research Article *Clinical Simulation* *In Nursing,* 2018Health Sciences Leadership Course fundingCareer & Professional Development CenterFaculty AwardNominated for Excellence & Innovation in Teaching Award | Educause Yale UniversityUniversity of Utah CONSigma, Gamma Rho ChapterUniversity of UtahInternational Nursing Associationfor Clinical Simulation & LearningLinda K. Amos Leadership FundUniversity of Utah [student nominated award]American Association of Colleges of Nursing |
| 2017-20192016-172015 | Honors for NursingFaculty Ambassador for Student SuccessWICHE Outstanding Work (WOW) Award forteam that created simulation experience in virtual reality. [WOW award never before or since awarded to Nursing Education] | University of UtahUniversity of Utah Undergraduate StudiesWestern 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

| Dates4/165/15 | Amount1,005,000750,000 | Funding StatusNot fundedNot funded | Title & Funding AgencyCreating 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 CouncilAdvances in Patient Safety through Simulation Research (R18): Improving Patient Safety Through Virtual Reality Simulation. National Institutes of Health | Role (PI, Co-PI)Co-PICo-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

| Dates1/20142/20145/2010 | Amount29,0002000500 | Funding StatusFundedFundedFunded | Title & Funding AgencyVirtual 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 grantMultiple patient scenario development. Boise State University School of Nursing Faculty Stipend for Simulation | Role (PI, Co-PI)InvestigatorCo-PIPI |
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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 2023202220222020 2019, 20, 23 20192014-present2017-present | Journal2024 NLN Education Summit Conference abstract reviewerWestern Institute of Nursing Conference abstract reviewerVirtual Reality, invited manuscript reviewer 2021 International Meeting on Simulation in Healthcare Conference abstract reviewerAmerican Educational Research Association Annual Meeting abstract reviewer Behavior and Information Technology, invited manuscript reviewer Clinical Simulation in NursingJournal 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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| --- | --- | --- |
| Dates1/20244/20234/20222/20221/20229/20208/202010/20191/20194/20164/20161/201610/20156/20159/20144/2014 | Title, SponsorImagine U: Using Simulation to Increase Exploration of Careers in Nursing & Medicine.International Meeting on Simulation in HealthcareAllen, N, Cluff, E., Butt, A., Flattes, V. & Sanchez-Birkhead, A. Creating a pipeline: Middle School Camp for Racially & Ethnically Diverse Youth. Western Institute of NursingLassche, 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 ExperienceButt, A. & Kerney, S. (2020). Operation Escape Lab. Academy of Health Sciences Educators 7th Annual Education SymposiumJosephson, J. & Butt, A. (2019). Instructional Tools for Cognition & Self-Regulated Learning. American Academy/3rd World Congress of OptometryButt, 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 & ShowcaseEllertson, 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 | LocationInternational Meeting held in San Diego, CA, USATucson, AZ, USAPortland, OR, USAInternational Summit, presented virtuallyInternational Meeting held in Los Angeles, CA, USAInternational, Austin, TX, USA (cancelled), presented virtuallyUniversity of Utah, Salt Lake City, UT, USA, presented virtuallyInternational Congress held in Orlando FL, USAInternational Meeting held in San Antonio, TX, USABrisbane, AustraliaBoise, ID, USAInternational Meeting held in San Diego, CA, USADenver, CO, USAInternational Conference held in Atlanta, GA, USAPhoenix, AZ, USABoise, 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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| Dates8/20209/20191/201510/1411/134/201310/12 | Title, Sponsor\*#Schvaneveldt, N., Patterson, B., Butt, A., Kranz, C., & Macali, J. (2020). *Stop, Collaborate and Listen: Exploring the Gameful Side of Nursing Education.* MedicalLibrary 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. | LocationPortland, OR, USA (cancelled),presented virtuallyUniversity of Utah, Salt Lake City, UT, USABoise State University, Boise, ID, USAThe City University of New York/NYU Langone Medical CenterNew York, NY, USANew Orleans, LA, USASan Diego, CA, USASpokane, WA, USA |

4. Media

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| --- | --- | --- |
| Dates4/20163/2016 | Title/TopicBoise 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 MediaNewspaper, print and electronicElectronic Newsletter |

**H. FACULTY PRACTICE**

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**I. PROFESSIONAL ORGANIZATIONS & SERVICE**

1. College of Nursing Committees

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| --- | --- | --- |
| Years2023-present2021-present2019-20212017-present2016-present2016-present2020202020182016-172016-2018 | CommitteeSimulation Faculty Search CommitteeCON Academic Appeals CommitteeBaccalaureate Admissions & Advancement CommitteeBaccalaureate Curriculum CommitteeSimulation TeamBaccalaureate Program CommitteeRetention & Promotion Review Sub-CommitteeAssistant Dean Search CommitteeBaccalaureate Search CommitteeRetention and Promotion ReviewSub-CommitteeUndergraduate Scholarship Committee | RoleAd Hoc MemberChairMemberChair 2018-21, MemberTeam Lead, MemberMemberMemberAd Hoc MemberAd Hoc MemberMemberMember |

1. Health Sciences Center Committees

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| --- | --- | --- |
| Years | Committee | Role |
| 2022-present2022-present2022- present2022-present | Health Sciences Education Executive CommitteeAcademy of Health Sciences Educators Executive CommitteeCenter for Interprofessional Simulation-Based Experiential Learning Executive CommitteeUU Academy of Health Science Educators Education Committee/Education Symposium | MemberMemberCo-DirectorMember, Chair 2023  |

1. University Committees

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| --- | --- | --- |
| Years2024-present2023-present2022-present2020-262016-17 | CommitteeEnvision 2030: Innovating the Classroom ExperienceUniversity Teaching CommitteeCPRB/SFRC CommitteeSenate Consolidated Hearing CommitteeFaculty Ambassador for Student Success | RoleInvited MemberMemberMemberMemberCON Ambassador |

1. Professional Organizations

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| --- | --- | --- |
| Years2023-present2022-present20192017-present2016-present2016-present2010-20161985- present2008-present2011-present2006- present2011-present2014-present2015-present | CommitteeAmerican Nurses’ AssociationUtah Organization of Nurse LeadersUtah Nurses FoundationUtah Simulation CoalitionAcademy of Health Science Educators, University of UtahSigma: Gamma Rho chapterSigma Theta Tau International: Mu Gamma chapterSigma Theta Tau International Honor SocietyNational League for NursingAmerican Nurses’ Association (+ state)American Association of Critical Care NursesInternational Nursing Association for Clinical Simulation and Learning Society for Simulation in HealthcareAmerican Educational Research Association | RoleCareer Mentor Program, paired withSara Wall, early-career RN/educatorMemberBoard MemberMember, Community Rep 2019-20/President-Elect 2023-25Member, Inducted as Fellow 2020Member/Secretary 2017-2019Chair, Awards & Scholarships; Chair, Governance CommitteeMemberMemberMember (Idaho, Utah)MemberMemberMemberMember |

1. Consultation and Boards

|  |  |  |
| --- | --- | --- |
| Mo/Yr2022-present20162015-20172015-20162013-2014 | Firm/ClientUniversity of Utah Center for Teaching Excellence Advisory BoardNational League for Nursing, High Stakes Assessment studyUniversity of Texas-Arlington simulation studyElsevier Shadow Health | RoleAdvisorSimulation expert/video reviewerSimulation expert/video reviewerSubject matter expert, virtual simulation curriculum developmentSubject matter expert, virtual simulation curriculum development and assessment |

1. Other

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| --- | --- | --- |
| Years2020-present2019-present2019-present2017-present2014-16 | CommitteeImplementation of Gracie the Therapy Dog program for students, faculty and staff within CONFaculty Cohort Mentor implementationLabs 4 Liberty (University of Utah StudentAssociation)College Student Council/National Student Nurses Association – peer mentoring established within CSC, 2017National Student Nurses’ Association (Boise State University Chapter) | RoleLeadLeadFaculty AdvisorFaculty AdvisorFaculty Advisor |

**J. COMMUNITY SERVICE**

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| --- | --- | --- |
| Dates2017-present2011-131982-present | Organization/SiteLabs 4 Liberty Morgan, UTRide for Joy Therapeutic Riding ProgramBoise, IDAmerican Red Cross | Role/ActivityVolunteer/Foster/TrainerVolunteerVolunteer: 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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| Year2021-present2018-22Fall/Spring2017-23Fall/Spring2017-22Spring | Course #(NA)330033056071 | TitleSimulation (Basic & Advanced)Professional Roles 1Foundations of Clinical Nursing CareCurriculum Development & Evaluation | Credit Hrs(NA)4 4   3  | Number  (NA)  72   72/60    20 | RoleFacilitatorTeam Member/Team LeadTeam Lead/Team MemberSingle Faculty |
| 20162016-172016-22  | 45004650(NA) | Principles of Clinical Management IIICapstone ClinicalSimulation (25-30% teaching load) |  38(NA) |  68  68 (N/A)   | Team MemberTeam MemberFacilitator/Team member |

1. Development of New Courses

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| --- | --- | --- | --- | --- |
| Year201820172016 | Course No.330033056071 | TitleCourse Redesign: Professional Roles 1Course Redesign: Foundations of Clinical Nursing CareCourse 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

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

1. Graduate Students Supervision

A. Master’s Thesis / Project

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| --- | --- | --- |
| Year2021202020192018 | Student NameJessica DiazAnna RodriguezCristina MongeDeAnne Monson | RoleMSN Ed Practicum Preceptor (Simulation)MSN Ed Practicum Preceptor (classroom/Professional Roles)MSN Ed Practicum Preceptor (Simulation)MSN Ed Practicum Preceptor (Simulation) |
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 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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| --- | --- | --- |
| Year20232016 | Student NameAbbey 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.* | RoleSimulation Content ExpertPreceptor,Committee Member |
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