

Jamie Buchanan, DNP, MSN-Ed., RN

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Professional Profile

- Accomplished career demonstrating consistent success as an educator at the graduate and undergraduate level online, in the classroom, and in the clinical setting. Outstanding track record in assuring student success.
- Seasoned in conceiving and building curriculum from the ground up through proven competencies in curriculum revision and development.
- Effective communicator with excellent planning, organizational, and negotiation strengths as well as the ability to lead, reach consensus, establish goals, and attain results.

Education and Credentials

Doctor of Nursing Practice – Chatham University, Pittsburgh, PA - August 2013

GPA: 4.0

DISSERTATION: *Increasing Heart Failure Clinic Referrals: A Mean to an End for Readmissions.*

Member of Blue Key Honor Society, Chatham Nursing Honor Society, Sigma Theta Tau International Honor Society- Chi Zeta chapter.

Participated in Graduate Student Assembly as the sole representative for Chatham University's graduate school of nursing.

Master of Science in Nursing Education– Grand Canyon University, Tucson, AZ - June 2011

GPA: 3.93

CAPSTONE: *The effect of utilizing an Acute Care Nurse Practitioner for night shift intensivist coverage on staff satisfaction and patient outcome.*

Grand Canyons University's President's List for Outstanding Academic Achievement; Who's Who in American Colleges and Universities; Member of Sigma Theta Tau International Honor Society.

Bachelor of Science in Nursing – Grand Canyon University, Tucson, AZ - December 2009

GPA: 3.8

Grand Canyon University's President's List for Outstanding Academic Achievement; Who's Who in American Colleges and Universities; Member of Sigma Theta Tau International Honor Society.

Associate of Applied Science in Nursing – Pima Community College, Tucson, AZ - May 2007

Pima Community College Outstanding student scholarship award recipient and Optimism Club scholarship award recipient.

Who's Who in American Colleges and Universities.

Certified Nurse Educator (CNE) – In progress

Master Instructor I Certification - Chamberlain University

Arizona Registered Nurse License (Multistate)– 147258 (Exp: April 1, 2025)

National Institutes of Health (NIH) – Protecting Human Research Participants-Certification #: 1111026

Collaborative Institutional Training Initiative (CITI) Program – Biomedical Research Course

Technology Proficiency

Learning Management Systems/Institutional support programs: Desire2Learn/Brightspace, Canvas, LoudCloud, Blackboard, Typhon, MyEvaluations, Kaltura, Salesforce, Dayforce, Betterworks.

Computer Software/programs: Microsoft Word, Excel, and PowerPoint; Adobe; Dropbox; Google Drive; Box; YouTube; Grammarly; IRBNet; Textexpander; RefWorks; Mentimeter; Sage Knowledge; Mendeley.

Multimedia Programs: Canva, Screencast-O-Matic, Loom.

Telecommunication platforms: Webex, Microsoft Teams, Zoom, Skype, GoToMeeting.

Research Software: Covidence; Dedoose

Civilian Experience

Full-Time Faculty/Chair – University of Phoenix

June 2022 to Current

DNP Program

Practice as full-time DNP faculty and project chair to build long-term relationships with superior nurses who are experts in their field and committed to providing the finest in practitioner-focused education. Guide advanced practice nurses through designing an evidence-based practice change initiative using scientifically rigorous research methods in the clinical practice setting; the Institutional Review board process; implementation of the evidence-based practice change in the practicum setting; preparation for dissemination of the DNP scholarly project; future roles for the DNP graduate are also explored. Responsible for supplementing, implementing, and evaluating curriculum of the highest standards, while also upholding the purpose, philosophy, objectives, and organizational framework of the nursing program to meet state and federal guidelines. Serve as course leader, faculty mentor, and project navigator. Orient and mentor new faculty.

Veteran Steering Committee – Active member

Sigma Theta Tau – Omicron Delta chapter's Membership Ambassador and active member of Education Committee

College of Nursing Advisory Council – Member

Faculty Council - Member

DNP courses (100% virtual):

DNP 101 – DNP Student Orientation

DNP 700 – DNP Expectations Seminar

DNP/710 – Evidence-Based Practice Measurement and Clinical Inquiry

DNP 705 – Philosophy, Theory, and Science for Nursing Practice

DNP 751 – DNP Applied Project II

Online Adjunct Professor – Northern Kentucky University

July 2021 to January 2025

DNP Program

Provide online instruction to prepare doctoral candidates to practice nursing at the highest level to meet the challenges of a changing healthcare sector. Educate doctoral candidates on cost-effective strategies to promote and sustain financial viability of practice initiatives. Focus on the roles of information systems and electronic data in new and evolving delivery and value-based models as they apply to advanced nursing practice. Demonstrate ways to conceptualize new care delivery models that are based in contemporary nursing science and that are feasible within current organizational, political, cultural, and economic perspectives. Engage with learners in exploration of the roles of the clinical scholar and leader associated with the scholarship of discovery, integration, and application of knowledge to solve problems across disciplines.

DNP courses (100% virtual):

DNP 800 – Theory and Research for EBP

DNP 801 – Epidemiology and Population Health
DNP 802 – DNP Role Development
DNP 806 – Program Development, Implementation, And Evaluation for Health Care
DNP 816 – Analysis and Application of Health Care Data for Advanced Nursing Practice

Online Adjunct Professor – Grand Canyon University

May 2014 to Current

DNP/MSN/RN to BSN Program

Provide online instruction and clinical experiences that reflect an understanding of the philosophy, objectives, and curriculum. Responsible for developing, implementing, and evaluating curriculum of the highest standards.

DNP courses (100% virtual):

DNP 801 – Introduction to DNP studies
DNP 805 – Health Care Informatics
DNP 810 – Emerging Areas of Human Health
DNP 840 – Leadership in Advanced Nursing Practice

MSN courses (100% virtual):

NUR 550 – Translational Research and Population Health Management
NUR 514 – Organizational Leadership and Informatics
NUR 508 – Ethics, Policy, and Finance in the Healthcare System
NUR 504 – Health Care Research Analysis and Utilization
NUR 699 – Evidence-Based Practice Project

Undergraduate courses:

NRS 433V – Introduction to Nursing Research: BSN (Online)
NRS 410 – Pathophysiology and Nursing Management of Clients' Health: RN to BSN (Online)

Visiting Professor I – Chamberlain University

October 2016 to May 2021

Doctor of Nursing Practice Program

Build long-term relationships with superior nurses who are experts in their field and committed to providing the finest in practitioner-focused education. Guide advanced practice nurses through designing an evidence-based practice change initiative using scientifically rigorous research methods in the clinical practice setting; the Institutional Review board process; implementation of the evidence-based practice change in the practicum setting; preparation for dissemination of the DNP scholarly project; future roles for the DNP graduate are also explored. Responsible for supplementing, implementing, and evaluating curriculum of the highest standards, while also upholding the purpose, philosophy, objectives, and organizational framework of the nursing program to meet state and federal guidelines. Served as course leader, faculty mentor, and project navigator. Orient and mentor new faculty.

DNP courses (100% virtual):

Project Navigation
NR 700 – Scientific Underpinnings
NR 701 – Application of Analytic Methods
NR 703 – Applied Organization Leadership Concepts
NR 702 – DNP Project and Practicum I
NR 705 – DNP Project and Practicum II
NR 707 – DNP Project and Practicum III
NR 709 – DNP Project and Practicum IV

Clinical Nurse Editor – Aptara Corp.

April 2015 to August 2015 (Contract position)

Review and edit multi-media nursing education to assure the medical accuracy of all patient education content. Review all content received from authors and Subject Matter Experts and perform clinical updates based on defined update processes to ensure that the patient education content is accurate and current. This contract position consisted of digital content development and editorial services for a project hosted by Wolters Kluwer.

Assistant Professor (Course lead) - Northwestern State University August 2012 to August 2015

Family/Psychiatric Nurse Practitioner Program (MSN)

Pre-licensure/Accelerated BSN

Adjunct Professor (Course lead) - Northwestern State University August 2015 to Current

Family/Psychiatric Nurse Practitioner Program (MSN)

Provide didactic instruction and clinical experiences that reflect an understanding of the philosophy, objectives, and curriculum. Responsible for developing, implementing, and evaluating curriculum of the highest standards. Supervised graduate student assistants over several semesters. Course lead for graduate level courses. Developed curriculum in all courses.

Course lead and Professor for Graduate courses (100% virtual):

NURS 5043 – Pathologic Processes for Advanced Nursing Practice

NURS 5133 – Advanced Pharmacotherapeutics

NURS 6843 – Evidence Based Practice I

NURS 6853 – Evidence Based Practice II

Course lead and Professor for Undergraduate courses:

NURS 4314 – Research in Nursing

NURS 3704 – Advanced Nursing Seminar: RN to BSN (Online)

NURS 3103 – Introduction to Nursing: BSN (Classroom)

NURS 3423/3422 – Family Health Nursing Care I: BSN (Classroom/Clinical)

NURS 3203 – Pathophysiologic Processes: BSN (Classroom and Online)

NURS 4910 – Critical Competency Integration: Accelerated BSN (Classroom/Clinical)

DNP Clinical Preceptor – Chatham University December 2012 to December 2015

Provide support and guidance to Doctor of Nursing practice students with Evidence-Based Practice Capstone Project and clinical experiences.

Registered Nurse – United Regional Health Care System April 2012 to July 2014

Direct patient care of critically ill clients following proper policies and procedures within scope of practice. Implementation and evaluation of critical drips, hemodynamic monitoring, mechanical ventilation, etc for clients diagnosed with DKA, sepsis, respiratory dysfunctions, etc., and post-surgical/trauma clients, specifically cardiopulmonary and vascular surgeries.

Associate Degree Nursing Faculty – Vernon College August 2011 to December 2012

Provide didactic and clinical experiences that reflect an understanding of the philosophy, objectives, and curriculum. Responsible for developing, implementing, and evaluating curriculum of the highest standards.

Undergraduate courses:

RNSG 1309 – Introduction to Nursing: ADN (Classroom)

RNSG 1105 – Introduction to Nursing Skills: ADN (Clinical/Simulation lab)

RNSG 1311 – Pathophysiologic Processes: ADN (Classroom)

Associate Degree Nursing Faculty – Pima Community College January 2011 to June 2011

Provide clinical experiences that reflect an understanding of the philosophy, objectives, and curriculum. Responsible for developing, implementing, and evaluating clinical competencies of the highest standards.

Undergraduate courses:

NRS 202 – Nursing Process IV: ADN (Clinical)

Registered Nurse – Intensive Care Unit – St. Joseph’s Hospital**July 2007 to December 2011**

Direct patient care of critically ill clients following proper policies and procedures within scope of practice. Implementation and evaluation of critical drips, hemodynamic monitoring, mechanical ventilation, etc for clients diagnosed with DKA, sepsis, respiratory dysfunctions, etc., and post-surgical and cardiac clients. Clinical Nurse Leader experience.

Cardiovascular Research Laboratory Assistant – University of Arizona June 2002 to September 2002

Assisted in cardiovascular research in a humane animal laboratory to produce new Automated External Defibrillator guidelines, procedures, and equipment for safe practice on children between the age of 8 months and 5 years, who experience cardiac arrest. Conducted cardiovascular procedures, sedation and intubation, cardiac catheterizations with subsequent elicitation of ventricular tachycardia or ventricular fibrillation, and systematic resuscitation of porcine subjects including cardiopulmonary resuscitation and defibrillation within scope of study. Conducted intra-procedural evaluation of cardiac enzymes and rhythm interpretation, as well as post-procedure evaluation of left ventricular function and cardiac output to compile statistical data to refute or confirm efficacy.

Patient Care/Telemetry Monitor Technician – St. Joseph’s Hospital August 2001 to July 2007

Direct patient care of critically ill clients following proper policies and procedures within scope of practice. Alternated as patient care technician, telemetry monitor technician, or unit clerk for 38-bed unit. Participated in orientation and training of new staff.

Business Office Assistant – Plastic Surgeons of Northern Arizona April 1998 to August 2001

Solely responsible for maintaining up-to-date files on insurance company regulations and policies, as well as maintaining computer data system files on new and updated schedules, procedures, and diagnostic codes, and specific fees for the surgery facilities.

Military Experience

Hospital Corpsman – United States Navy Reserve**July 2004 to July 2012**

Assisted in the prevention and treatment of disease and injuries for 250 Marine personnel and over 500 Navy personnel in preparation for mobilization readiness. Directed and implemented immunization programs. Rendered emergency medical treatment within scope of practice. Participated in field training and acted as trainer/coordinator of Combat Life Support certification for 250 United State Marine personnel in preparation for mobilization readiness.

Professional Associations

Member and Membership Ambassador, Sigma Theta Tau International Honor Society – Omicron Delta Chapter

Member, Veteran Steering Committee (University of Phoenix)

Member, American Association of Critical Care Nurses (AACN)

Member, National League for Nursing (NLN)

Governance and Induction Chair, Sigma Theta Tau International Honor Society –Midwestern State University – Xi Iota Chapter

- House of Delegates Representative (2013 election cycle)

Faculty Mentor, Enhancing Undergraduate Research Endeavors and Creative Activities (EURECA) – Midwestern State University

Member, Curriculum Committee – Midwestern State University

Member, Technology Committee – Midwestern State University

Member, Search Committee – Midwestern State University

Faculty sponsor/Advisor, Student Nurses Association – Midwestern State University

Faculty sponsor, Alpha Chi Honor Society – Midwestern State University
DNP graduate student preceptor and mentor – Chatham University
MSN student preceptor and mentor – Grand Canyon University

Committee Work and Projects

June 2022 – Current: Veteran Steering Committee – University of Phoenix (Current project is developing a veteran mentoring program)

June 2022 – Current: Sigma Theta Tau – Omicron Delta Membership Ambassador – University of Phoenix

May 2021: Operations and Quality Committee member – Chamberlain University

May 2021: Project and Practicum Task Force member – Chamberlain University

Spring 2020- Faculty mentor - Chamberlain University new faculty (Project & Practicum II - NR705)

July 2017- Chamberlain DNP Knowledge Dissemination Conference – “Implementation of the Healthy Body Healthy Spirit Program and Motivational Interviewing: Improving Diet, Exercise, and Self-Efficacy” (DNP Faculty sponsor)

March 2014 - Development and coordination of Xi Iota chapter of Sigma Theta Tau’s Annual Research Day. In collaboration with many local clinicians, educators, and researchers developed and presented evidence-based practice/research projects that positively impact patient outcomes.

November 2013 - Collaborated with fellow faculty members to develop and present: *Born Too Soon: An Interdisciplinary Approach to Prevention & Management of Prematurity* to provide 6.5 continuing education hours for local and rural nurses and healthcare providers.

September – November 2013: Participated in specimen sampling and data collection in collaboration with graduate student research study alongside Dr. Jason Winchester, Assistant Professor, Midwestern State University.

August 2013 - Enhancing Undergraduate Research and Creative Activities (EURECA): Participated in planning of a proposal submission with Senior II nursing student for inclusion in EURECA grants. All though, grant was not awarded, continued involvement in student enrichment is a constant priority.

August 2013 – Poster presentation at Chatham University’s DNP symposium entitled “*Increasing Heart Failure Clinic Referrals: A Mean to an End for Readmissions*”

August 2012 – August 2013: Developed educational program to enhance referral rates to the newly established heart failure clinic at United Regional Health Care System in order to positively impact patient outcomes and decrease 30-day heart failure readmissions. Program implemented and sustained alongside doctoral scholarly project completion.

August 2012 – December 2012: Conducted a student pilot to review the efficacy of utilization of personal digital devices and electronic resources in the clinical setting at Midwestern State University.

January – May 2012: Conducted a student pilot to review the efficacy of utilization of personal digital devices, electronic nursing resources, and electronic books in the clinical setting with ultimate success and implementation into clinical practice at Vernon College.

January – June 2011: Development of 12-lead ECG and ACS curriculum, assessment, and certification exam utilized by Carondelet Health Network in Tucson, Arizona for continuing education purposes.

Presentations and Publications

July 2025 – Publication: Finch Guthrie, Patricia PhD, RN; Buchanan, Jamie DNP, MSN-Ed RN; Purchase, PJ MLIS, MBA, MSDS; Axman, Linnea DrPH, DNP, RN; LaRose, Patrick DNP, RN; Morse, Branadette R. EdD, MAED; Carrega, Joanna PhD, RN. Exploring Perspectives on Progression and Completion of the DNP Degree: An Integrative Review. Nurse Educator
():10.1097/NNE.0000000000001955, July 24, 2025. | DOI: 10.1097/NNE.0000000000001955

September 2024 – Co-presenter at 2024 Knowledge and Innovation Conference hosted by Omicron Delta Chapter of Sigma Theta Tau and University of Phoenix (Co-Principle Investigator)
CGMs in primary care: A practice change project

September 2024 – Co-presenter at 2024 Knowledge and Innovation Conference hosted by Omicron Delta Chapter of Sigma Theta Tau and University of Phoenix (Co-Principle Investigator)
Parents as gatekeepers to identify and prevent suicide.

September 2024 – Co-presenter at 2024 Knowledge and Innovation Conference hosted by Omicron Delta Chapter of Sigma Theta Tau and University of Phoenix (Co-Principle Investigator)
A healthy body, healthy spirit intervention in a faith-based setting.

September 2024 – Co-presenter at 2024 Knowledge and Innovation Conference hosted by Omicron Delta Chapter of Sigma Theta Tau and University of Phoenix (Co-Principle Investigator)
Faith-based hypertension self-care program

September 2024 – Co-presenter at 2024 Knowledge and Innovation Conference hosted by Omicron Delta Chapter of Sigma Theta Tau and University of Phoenix (Co-Principle Investigator)
TeamSTEPPS in simulation training on a perinatal unit.

October 2023 – Presentation at the Knowledge Without Borders Virtual conference – University of Phoenix
Exploring the perspectives on progression and completion of the DNP degree: An integrative review

June 2023 – Presentation at the DNP All Faculty meeting in a virtual presentation on Microlectures – University of Phoenix

March 2023 – Publication in Prospero International Registration for Systematic Reviews (Co-Principle Investigator)
Exploring the perspectives on progression and completion of the DNP degree: An integrative review.

February 2023 – Presentation at the DNP All Faculty meeting in a virtual presentation on Integrative Review and use of Covidence – University of Phoenix

December 2022 – Publication in Phoenix Scholar – *Belonging: More than a Buzzword* –
<https://www.phoenix.edu/research/publications/phoenix-scholar/vol-6-issues-1.html>

December 2022 – Presentation at the Faculty Council meeting in a virtual presentation on DNP Faculty Research Project – Participatory Action Research Project – University of Phoenix

October 2022 – Presentation at the College of Nursing Advisory Council in-person presentation on Integrative Review and use of Covidence – University of Phoenix

June 2022- Current: Co-Principle Investigator - Integrative Review: *Barriers, facilitators, strategies, challenges, and determinants for completion and progression of DNP program.*

Awards, Recognitions, and Digital Badges

Digital Badges Awarded (hyperlinked images to credly.com):



Daisy Award Nominee

Covington Who's Who Executive and Professional Registry

Faculty Row

Midwestern State University Star Award

Community Service

Tanque Verde Little League Volunteer – Tucson, Arizona 2021- Current

Tanque Verde Parent Teacher Group – Tucson, Arizona 2021- Current

Tuba City Humane Society Volunteer – Tucson, Arizona 2019 - Current

St. Alban's Preschool Wellness Council – Tucson Arizona

Asan Animal Sanctuary volunteer – South Korea

Active Member Team Osan Spouses Club

- Operation Sweet Treat. Provided support and manpower for the undertaking of baking, packaging, and delivering holiday bags for nearly 9000 unaccompanied airmen on the Korean peninsula during the holiday season.
- Assisted in organizing and running a Halloween experience for our Korean "good neighbors" and non-command sponsor or contract families living off-base. Hosted nearly 2000 individuals through a base-wide Halloween experience.
- "Adopted" unaccompanied airman during the holiday season.

Wichita Falls Humane Society

Sheppard Air Force Base Officer Spouses Club philanthropic events

Hotter'N'Hell Hundred Endurance Race – Air Power Alley Volunteer

Race for the Cure – Sponsored participant

Susan G. Komen 3-Day – Raised over \$3000 for cause and participated in 60-mile walk fundraiser.

Bagram Air Force Base (Afghanistan) – Organized and shipped packages of supplies for troops deployed to Bagram AFB.