

Curriculum Vitae

Name: Bettina A. Dixon, DNP, CRNA

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Education

Undergraduate	School	Degree	Specialization
1977 - 1981	Duquesne University School of Nursing Pittsburgh, PA	BSN	Nursing
Graduate			
1993	University of Pittsburgh School of Nursing Pittsburgh, PA	MSN	Nursing Education
1983 - 1985	University Health Center of Pittsburgh School of Anesthesia for Nurses Pittsburgh, PA	Certificate	Nurse Anesthesia Certification date: 2/6/1986
2014 – 2017	University of Pittsburgh School of Nursing Pittsburgh, PA	DNP	Nurse Anesthesia
Postgraduate			
1985 - present	American Association of Nurse Anesthetists Parkridge, IL		Continuing Education

Appointments and Positions**Academic**

2018 – present Currently Fulltime	University of Pittsburgh School of Nursing Nurse Anesthesia Program, Pittsburgh, PA Pittsburgh, PA	Assistant Professor Coordinator of Clinical Education (August 2022)
1995 – 2017	University of Pittsburgh, School of Nursing Nurse Anesthesia Program, Pittsburgh, PA	Instructor

Non-Academic and CRNA Practice

1985 – present	University of Pittsburgh Physicians (UPP), Department of Anesthesiology 200 Lothrop Street Pittsburgh, PA 15213	Staff Nurse Anesthetist: <ul style="list-style-type: none"> • Fulltime & Casual: UPMC PUH / MUH
1986-1995	Full time Staff CRNA Instructor and Student Clinical Coordinator	Responsibilities: <ul style="list-style-type: none"> • Assisted with orienting CRNA hires and department educational program • Coordinator for nurse anesthesia students included orientation, scheduling and evaluations
2008 – 2009	West Penn Hospital	Staff Nurse Anesthetist

Current Licensure and Certification

9-1981	Professional Nurse:	RN-245039-L	Pennsylvania (exp 10/31/2024)
1-1986	Nurse Anesthesia:	38118	CCNA
12/23 – 12/25	BLS:	HVHS	PA Region
12/23 – 12/25	ACLS:	HVHS	PA Region
12/23 – 12/25	PALS:	HVHS	PA Region
11/23/23	Certified Healthcare Simulation Educator		Society for Simulation in Healthcare

Membership in Professional and Scientific Societies

1985 – present	American Association of Nurse Anesthetists
1985 – present	Pennsylvania Association of Nurse Anesthetists
1996 – present	Sigma Theta Tau, Eta Chapter, Member
2004 – 2008	American Society of Medical Simulation, Member
2018 – present	Malignant Hyperthermia Association of U.S., Member

Honors

1989	Certificate of Appreciation for Excellence in Clinical Teaching and Outstanding Contributions to Professional Growth, presented by the University Health Center of Pittsburgh School of Anesthesia for Nurses, Class of 1989.
2007-2017	University of Pittsburgh School of Nursing Nurse Anesthesia Program ranked within top 10 nationally among US Graduate Nurse Anesthesia Programs by US News and World Report.
2000	<i>Didactic Instructor of the Year Award</i> from the Pennsylvania Association of Nurse Anesthetists.
2003	<i>2003 Dean's Distinguished Teaching Award</i> from the University of Pittsburgh School of Nursing
2-2005	<i>Crystal Apple Award</i> , "Celebrating Innovation and Excellence for Advancing the Future of Nurse Anesthesia Education." Received at Assembly School Faculty meeting in Fort Lauderdale, FL.
Summer 2015	<i>2015 Patient Safety Fellowship</i> from the Jewish Healthcare Foundation, Pittsburgh Regional Health Initiative
October 2018	Nightingale Awards of Pennsylvania, Doctor of Nursing Practice, Award Winner
December 2018	2018 Cameos of Caring Advanced Practice (clinical focus) Award Recipient

Publications

1993	Dixon B. Institutional survey of nurse anesthesia practice in patients receiving opioids via patient-controlled analgesia. <i>Nurse Anesthesia</i> . 1993;4(3):112-117.
1998	O'Donnell J. Fletcher J. Dixon B. Palmer, L. Planning and Implementing an Anesthesia Crisis Resource Management Course for Student Nurse Anesthetists. <i>CRNA: The Clinical Forum for Nurse Anesthetists</i> . 1998;9(2):50-58.
1999	O'Donnell J. Dixon B. Hoffman L. Latex Allergy: An increasing 'On the Job' Risk. <i>Critical Care Alert</i> . 1999;7(4):28-32.
2003	Dixon B. Tasota FJ. Action Stat: Inadvertent Tracheostomy Extubation. <i>Nursing2003</i> : 2003;33(1):96.
2006:	Dixon B, O'Donnell JM. "Is your patient susceptible to Malignant Hyperthermia? <i>Nursing 2006</i> : 2006;36(12):26.

Research

1990	Participant and data collector for the Diprivan Clinical Experience Program sponsored by Stuart Pharmaceuticals. The study evaluated the intravenous administration of propofol (Diprivan) as an induction and maintenance anesthetic.
1992	Institutional survey of nurse anesthetists and their practice in patients receiving opioids via patient-controlled analgesia preoperatively.
1993	Master's thesis research: National survey of nurse anesthetists and their practices in acute pain management.

- 2005 PI for a project related to the CE workshops given October, 2004 titled, "Knowledge Acquisition and Course Evaluation in a Spinal and Epidural Refresher Workshop for CRNAs"; and 2) Co-investigator on project titled "Curricular Integration of Human Simulation Education Across Programs: SEGUE at the University of Pittsburgh School of Nursing."
- 2-2005 Abstract: Bragg K, O'Donnell JM, Palmer L, Thomas E, Wolf G, Hoffman L, Wallace JW, Sell S, Dixon B, Teskey W, Alko D, Baker A, Carrol Z. The Creation of a Structured Mentoring Program: The University of Pittsburgh School of Nursing Nurse Anesthesia Program/University of Pittsburgh Medical Center Mentoring Partnership. AANA Assembly of School Faculty.
- 2006 Co-PI with Sandra Sell. "Evaluation of a Problem Based (PB) Simulation Module for NURSAN 2720 on Graduate Nurse Anesthesia Student Learning and Attitudes Toward Human Simulation Education" IRB #0603158.
- 2006 Co-PI with Sandra Sell. "Evaluation of a Problem Based (PB) Simulation Module for NURSAN 2750 on Graduate Nurse Anesthesia Student Learning and Attitudes Toward Human Simulation Education" IRB #0603191.
- 2012 Co-PI: Analysis of Temporal Artery Temperature Probes in Patients undergoing General Anesthesia.
- 2022 Co-PI: Comparing Performance during Mannequin Simulation with and without Augmented Reality.

Presentations and Workshop Presentations

Regional/Local:

- 9-1994, 9-1995 Post-anesthesia care after inhalation, intravenous and regional anesthesia, muscle relaxants and reversal agents, CPAN and CAPA Certification Review, Pittsburgh, PA.
- 9-1995 Master's thesis research: National survey of nurse anesthetists and their practices in acute pain management, Pittsburgh Symposium for Nurse Anesthetists, Pittsburgh, PA.
- 4-1997 Anesthesia Management and Liver Failure, PANA Spring Meeting, Hershey, PA.
- 11-1997 What's New with Malignant Hyperthermia, PANA Educational District V, Fall Meeting, Pittsburgh, PA.
- 6-1998 Management of Malignant Hyperthermia Crisis, Operating Room Departmental Inservice, UPMC Health System, PUH, Pittsburgh, PA
- 10-1998 Malignant Hyperthermia Update, PANA Fall Meeting, Hidden Valley, PA.
- 1-1999 Management of Malignant Hyperthermia Crisis Inservice for Italian ICU Nurses, UPMC Education, UPMC Health System, PUH, Pittsburgh, PA
- 4-2000 Graduate education at the University of Pittsburgh, School of Nursing. Presentation to RN-BSN students, California, PA.
- 6-2001 Malignant Hyperthermia Update, 2nd Annual Summer Anesthesia Seminar, Pittsburgh, PA.
- 4-2002 Alumni Day, University of Pittsburgh School of Nursing, Director of Human Simulation scenario (John O'Donnell, presenter)
- 6-2002 Trauma Management 3rd Annual Summer Anesthesia Seminar, Pittsburgh, PA
- 10-2002 Presentation "Malignant Hyperthermia" for PAPAN, Pittsburgh, PA
- 6-2003 Practicum Instructor for Difficult Airway – Emergency Cricothyrotomy training at Summer Anesthesia Seminar, Pittsburgh, PA.
- 10-2003 Emergent limb of Difficult Airway Algorithm at Fall Anesthesia Conference in the Southern Alleghenies, Altoona, PA. Practicum instructor for the Emergency Cricothyrotomy station.
- 6-2004 Presentation "Thermoregulation in Anesthesia" 5th Annual Summer Anesthesia Seminar, Pittsburgh, PA
- 10-2004 Advanced Education Series for CRNAs, Pittsburgh, PA. This consisted of three modules or workshops: 1) Mentoring; 2) Spinal/epidural; and 3) Difficult airway. I was a presenter at the mentoring workshop, "Confidentiality and Ethical Issues." I organized the spinal/epidural workshop and I was a practicum instructor at the Emergency Cricothyrotomy station for the airway workshop.
- 5-2005 Poster Presentation with John O'Donnell "SEGUE" at the UPMC Nurses Week Conference, Shadyside, PA.
- 7-2005 Tour guide for WISER and Poster Presentation with John O'Donnell "SEGUE" at "SMUG – Just the FACTS: Facilities, Approaches, Content, and Technology Applications in Human Simulation Education" at the University of Pittsburgh School of Nursing, Pittsburgh, PA.
- 3-2006 Presentation "Anesthesia Crisis Leadership Training" for Faculty visitors from University of Central England Birmingham, England at the University of Pittsburgh School of Nursing, Pittsburgh, PA.
- 5-2006 Presentation "Simulation in Nursing Education" District #6 Pennsylvania State Nurses Association, at May Celebration Meeting, Pittsburgh, PA.
- 6-2006 Presentation "Spinal and Epidural Placement" – Didactic content & Workshop facilitator at Cricothyrotomy station, Summer Anesthesia Seminar, Pittsburgh, PA
- 10-2006 Presentation, "Patient Safety and the Anesthesia Gas Machine", PANA State Fall Meeting, Gettysburg, PA.
- 11-2006 Presentation, "MRI Safety" for CRNAs at UPMC Passavant Hospital, Pittsburgh, PA.
- 1-2007 Panel Member for Mentoring Workshop, Advanced Education Series for CRNAs, Pittsburgh, PA.
- 6-2007 Presentation "Spinal and Epidural Placement" – Didactic content & Workshop facilitator at Cricothyrotomy station, Summer Anesthesia Seminar, Pittsburgh, PA

9-2007	Presentation "Preventing Thermal Injury in the OR" for CRNAs at UPMC PUH, Pittsburgh, PA
10-2007	Moderator for roundtable discussion "The Future of Nurse Anesthesia Education in Pennsylvania" PANA State Fall Meeting, Philadelphia, PA
12-2007	Presentation "Power of Effective Debriefing" at 1 st Annual WISER Symposium on Nursing Simulation, Cranberry, PA
3-2012	Practicum Instructor at Fiberoptic Intubation station at Spring Anesthesia Seminar, Pittsburgh, PA
3-2013	Presentation "Ventilation Modes on the Anesthesia Gas Machine" Spring Anesthesia Seminar, Pittsburgh, PA
3-2015	Practicum Instructor at Intubation station at Spring Anesthesia Seminar, Pittsburgh, PA
3/2016	Practicum Instructor at Arterial Line Placement station at Spring Anesthesia Seminar, Pittsburgh, PA
4/2017	Practicum Instructor at Airway workshop (double lumen tube placement), PANA Spring Symposium, Hershey, PA
8/2017	Clean Hands, Clean Hubs QI Project presentation at UPP Depart of Anesthesiology Team Meeting, Pittsburgh, PA
11/2017	DNP QI Project public presentation: "Clean Hand, Clean Hubs: Enhancing Anesthesia Provider Practices to Reduce Risks of Healthcare-Associated Infections" at University of Pittsburgh SON Nurse Anesthesia Program, Pittsburgh, PA
4/2018	Speaker/Podium Presentation: "Malignant Hyperthermia" at Critical Care Symposium (nursing and respiratory therapy staff) at UPMC PUH/MUH, Pittsburgh, PA
6/2019	Panel Moderator for University of Pittsburgh School of Nursing Speaker Series: Nurse Anesthesia panel with alumni CRNAs and SRNAs
7/2019	Speaker/Podium Presentation: "Malignant Hyperthermia Team Alert Inservice: Review with Mock Crisis Management" at UPMC PUH/MUH Combined Surgical and Anesthesia Inservices, Pittsburgh, PA
11/2019	Speaker/Podium Presentation: Malignant Hyperthermia – PACU Competencies at UPMC PUH/MUH, Pittsburgh, PA
3/2020	Invited Speaker/Podium Presentation: "Malignant Hyperthermia Updates" at UPMC Department of Anesthesiology & Perioperative Medicine, Nemacolin Woodlands Resort, Farmington, PA (Meeting canceled due to pandemic)
2018-2023	Invited Speaker/Podium Presentation: "Clinical Use of GABA _A Receptor Drugs for General Anesthesia and Procedural Sedation" at University of Pittsburgh, Medical School Pharmacology, Pittsburgh, PA

National/International:

8-2000	Difficult Airway Workshop Practicum Instructor for the AANA World Congress International Meeting, Chicago, IL.
8-2001	Difficult Airway Workshop Practicum Instructor for the AANA Annual Meeting, San Francisco, CA.
7-2005	Presentation "Curricular Integration of a Human Simulation Educational Program: SEGUE at the University of Pittsburgh" at the Robert Gordon University School of Nursing and Midwifery on Simulation in Interprofessional Education, Aberdeen, Scotland
1-2006	Poster Presentation, "Curricular Integration of Human Simulation Education Across Programs: SEGUE at the University of Pittsburgh School of Nursing." 6 th Annual International Meeting Medical Simulation, San Diego, CA.
5-2006	Poster Presentation, "The use of high fidelity simulation to teach baccalaureate nursing students the nursing process." 1 st Nurse Education International Conference, Vancouver, Canada.
8-2006	Poster presentation accepted "Evaluation of a Problem Based (PB) Simulation Module (NURSAN 2720) on Graduate Nurse Anesthesia Student Learning and Attitudes Toward Human Simulation Education" AANA 75 th Anniversary National Meeting, Cleveland, OH.
8-2006	Poster presentation accepted "Quality Improvement Monitoring and Evaluation of Course Enhancement Simulation Module" AANA 75 th Anniversary National Meeting, Cleveland, OH.
1-2007	Poster presentation accepted "Quality Improvement Monitoring and Evaluation of Course Enhancement Simulation Module" Society for Simulation in Healthcare, Orlando, FL.

TEACHING, School of Nursing**Course Coordinator or Co-Coordinator and Lectures (DNP & MSN nurse anesthesia students):**

Sum 2023	NURSAN 3793 – Advanced Principles of Anesthesia 1 (Co-coord) Reg Anes Workshop
Sum 2018-2023	NURSAN 3795 – Advanced Principles of Anatomy, Physiology and Pathophysiology 2(Co-coord) Lecture 6 hours
Sum 2021-2023	NURSAN 3797 – Advanced Clinical Care 1 (Co-coord) Student conferences transitioning to Review Process and NCE board preparation
Sum 2021-2023	NURSAN 3804 – Advanced Clinical Care 4 (Co-coord) Student conferences transitioning to Review Process and NCE board preparation
Fall 2017-2023	NURSAN 3788 – Chemistry and Physics of Anesthesia (Previously 1995-2016: MSN NURSAN 2701) Lecture 24 hours & 2 workshop days
Fall 2022-2023	NURSAN 3789 Physical Diagnosis – Anesthesia: (Co-coord)
Fall 2017-2023	NURSAN 3790 – Basic Clinical Care 1 Conference (advisor)

Fall 2021-2023	NURSAN 3805 Comprehensive Anesthesia Review Seminar & NURSAN 3806 Transition to Clinical Practice (Co-coordinator): Continuous Review Process, NCE board preparation and advising
Spr 2017-2024	NURSAN 3791 – Advanced Principles of Anatomy, Physiology and Pathophysiology 1 (Co-coord) Lecture 6 hours with 21 hours simulation
Spr 2022-2024	NURSAN 3792 – Basic Clinical Care 2 (Co-coord) Continuous Review Process and NCE board preparation
Spr 2022-2024	NURSAN 3802 – Advanced Principles of 3 (Co-coord) Lecture 4 hours
Spr 2022-2024	NURSAN 3803 – Advanced Clinical Care 3 (Co-coord) Continuous Review Process and NCE board preparation

Lecturer for annual courses in progression:

Fall 2023	NURSAN 3786 – Basic Principles of Anesthesia (DNP) Lecturer 10 hours
Fall 2023	NURSAN 3787 – Basics of Anesthesia Lab (DNP) Mock Induction, airway, IV & A.L. insertion, positioning
Spr 2017-2023	NURSAN 3785 – Introduction to the Nurse Anesthetist Role Lecture 3.5 hours & workshop

Previous MSN Anesthesia courses:

1995–2016	NURSAN 2700 - Basic Principles of Anesthesia (MSN): lectures, workshops & simulation
2000– 2017	NURSAN 2720 - Applied Physiology and Pathophysiology (MSN): lectures and simulation
1996–2017	NURSAN 2730 - Advanced Principles of Anesthesia 1 (MSN): regional anesthesia workshop
1995–2018	NURSAN 2731 - Applied Pharmacology (MSN): lecture
2000–2017	NURSAN 2740 - Advanced Principles of Anesthesia 2 (MSN): lectures and simulation
1995–2017	NUR 2025 - Physical Diagnosis Practicum and NUR 2016 Physical Diagnosis Theory (MSN): case conferences

Additional Simulation and Collaborative Courses:

On-going	Quarterly Pediatrics Simulation Difficult Airway Management CVC Simulation Workshop
1999–Present	WISER - Collaborative Anesthesia Crisis Resource Management course for both anesthesiology residents and nurse anesthesia students
1996–2006	Human Simulation - Anesthesia Crisis Resource Management courses for Nurse Anesthesia Students

Service**University of Pittsburgh Committee:**

2005–2008	Plant Utilization and Planning
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University of Pittsburgh School of Nursing Committees:

1995–1998	Academic Integrity Committee, member
1996–1999	Faculty Practice Council, member
1998–2002	Admission, Progression and Graduation, member
1999–2002	Admission, Progression and Graduation, Co-Chair
2001–2004	Curriculum Task Force within MSN Council
2004–2005	Co-Chair MSN Council
2005–2006	MSN Curriculum Committee
2006	Evidence Based Practice – Task Force, Part II, member
2006–2007	Admission, Progression and Graduation, Co-Chair
2007–2008	Admission, Progression and Graduation, member
2015–2017	Continuing Nursing Education Committee
2016–2018	Faculty Practice Committee
2018–present	Academic Integrity Committee, member
2018–present	DNP Council
2021	Interprofessional Education Forum, faculty volunteer
2022–2023	Faculty Practice beginning Fall term
2022–2023	Academic Integrity

DNA: Nurse Anesthesia Program Committees and Responsibilities:

1995–present	Clinical Advisory Board, member Faculty Advisor for enrolled nurse anesthesia students
2008–present	Co-Coordinator for Continuous Review Process and NCE Board Preparation (Comprehensive Exam Preparation and Review)
2018–present	Scholarly Project Review
1995–2008	Admissions and Recruitment, Co-Chair (MSN)
1995–1999	Student and Faculty Evaluation Committee, member (MSN)
1995–1999	Coordinator and Instructor for student Clinical Conferences (MSN)
2022–2024	Coordinator of Clinical Education: Student clinical assignments, clinical site acquisition and visits, coordinator of Community Advisory Board meetings, manager of Typhon Group and OneDrive accounts for DNA

Other Professional Activities:**PA Patient Safety Authority:**

11-2018–present: Member of HAI Advisory Panel

University of Pittsburgh & UPMC:

6-2018: Opioid Crisis Conference Committee member. This conference is a multidisciplinary approach to combat the opioid epidemic funded by Health Resources and Services Administration (HRSA). The target audience includes CRNAs, nurse anesthesia and pharmacy students.

Nurse Anesthesia Leadership:

1997–1998	Elected PANA Educational District V board member, position of Trustee
2005–2007	Elected PANA board member, position of Trustee,
2007–2008	Appointed PANA board member, position of PR Committee Co-Chair
2019–2021	Elected PANA board member, position of Trustee

UPMC Health System Committees:

1986	Committee member for the University Health Center of Pittsburgh Hospital's Nurse Anesthetists Annual Symposium. Term of commitment: two years
1986	Planning committee for the anesthesia set up for the Renal Lithotripsy at UPMC MUH
1990	Nurse Anesthesia Task Force Committee Member formed to discuss the quality of education for the Nursing Anesthesia Graduate Program at the University of Pittsburgh Medical Center
1991	Pennsylvania Association of Nurse Anesthetists Educational District V - Spring Update: Instructor for Invasive/Noninvasive Monitoring Workshop
1993	Self-study for anesthesia nursing graduate program
1993	Project advisor of nurse anesthesia students
1994	Real Time Patient Tracking System committee member for CRNA representation
1994	Evaluation committee for computerized record keeping
1994, 1995	Medical volunteer for Pittsburgh Marathon
1998, 2000	Save-A-Life Saturday, Volunteer for CPR certification
2021–2023	Requirements for Pre-spiking IVs – collaboration between Department of Anesthesiology and Pharmacy

Community Initiatives with human simulation, lab tours and demonstrations for students and visitors. Many activities are either through the School of Nursing and/or are in collaboration with UPMC.

5-2001	“East Hills Goes to the OR.” A video was produced from this event under the direction of Sandra Sell. The first of our simulation in the community events. I participated through conducting scenarios and overseeing nurse anesthesia students’ activities.
3-2002 & 2001	Anesthesia Simulator activities for Langley High School students
4-2002	Simulation for “Bring Your Child to Work Day” in collaboration with UPMC
5-2002	“Tour of the Body” I participated with the “airway” in this School of Nursing event at East Hills Elementary School.
5-2002	“Millions Middle School Goes to the OR”
4-2003	Anesthesia simulator at WISER for group was 7 th & 8 th grade students from Marshall Middle School (Dr. Kanter's project)
3-2003	Anesthesia Simulator activities for High School students at School of Nursing
5-2003	Serra Catholic high school students

- 5-2003 "Milliones Middle School Goes to the OR"
- 8-2003 Carnegie Science Center with UPMC for summer daycamp (primary and middle school age children)
- 1-2004 "Falk School Goes to the OR"
- 5-2004 "Milliones Middle School Goes to the OR"
- 4-2005 "Manchester Elementary School Goes to the OR"
- 6-2005 "Colfax Elementary Goes to the OR"
- 5-2006 "Take your child to work day" School of Nursing simulation activities
- 2007 Volunteer School Nurse at Falk School: 24 hours
- 3-2007 Anesthesia Simulation station at "Hands On Science Academy"
- 3-3007 South Fayette Township High School, students and their instructor shadowed in OR with me. Program is organized by Aaron Ostrowski, MSN, CRNA
- 7-2011 WISER Instructor course for Central Venous Cannulation (CVC) Placement
- 2011-2016 WISER tour and simulation stations for BCU faculty and students, annually
- 4-2013 SON Open House – sim lab
- 6-2013 WISER CVC train-the-trainer course for CRNAs
- 7-2013 Governor's School – sim lab for nurse anesthesia field
- 9-2019 SON Graduate Program Affair
- 2-2021 United Way of Western PA: The City Game Virtual Trivia Bowl, member representing Pitt (Team winners: Daniel Varley, John Burns, Teresa Harper, Melissa Herrera, Katie Linkhauer, Laurel Miner, Judy Mermigas, Megan Dill and Bettina Dixon).
- 5-2021 Diversity CRNA Mentorship- Managed simulator for mini scenarios
- 10-2021 Pitt Interprofessional (IP) Forum for first year students across the health sciences and social work
- 5-2022 Diversity CRNA Mentorship- Managed simulator for mini scenarios
- 5-2023 Diversity CRNA Mentorship- Managed simulator for mini scenarios
- 10-2023 Open House for ABSN: School of Nursing