

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
Undergraduate			
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
2005 – 2007	University of Pittsburgh School of Education Pittsburgh, PA	(Ed.D.)	Higher Education Management
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

Non-Academic and CRNA Practice

1985 – present	UPMC Health System UPP, Department of Anesthesiology 200 Lothrop Street Pittsburgh, PA 15213	Staff Nurse Anesthetist at UPMC Hospitals: <ul style="list-style-type: none">• Presbyterian / Montefiore University
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

Academic

2008 – Present:	University of Pittsburgh School of Nursing	Instructor
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Part time	Nurse Anesthesia Program, Pittsburgh, PA Pittsburgh, PA	
1995 – 2008 Full time	University of Pittsburgh, School of Nursing Nurse Anesthesia Program, Pittsburgh, PA	Instructor

Current Licensure and Certification

9-1981	Professional Nurse:	RN-245039-L	Pennsylvania
1-1986	Nurse Anesthesia:	38118	CCNA
1/16 – 1/31/18	BLS:	HVHS	PA Region
1/16 – 1/31/18	ACLS:	HVHS	PA Region
1/16 – 1/31/18	PALS:	HVHS	PA Region

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

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	Didactic Instructor of the Year Award from the Pennsylvania Association of Nurse Anesthetists.
2003	2003 Dean's Distinguished Teaching Award from the University of Pittsburgh School of Nursing
2-2005	Crystal Apple Award , "Celebrating Innovation and Excellence for Advancing the Future of Nurse Anesthesia Education." Received at Assembly School Faculty meeting in Fort Lauderdale, FL.
Summer 2015	2015 Patient Safety Fellowship from the Jewish Healthcare Foundation, Pittsburgh Regional Health Initiative

Publications

1993 **Dixon B.** Institutional survey of nurse anesthesia practice in patients receiving opioids via patient-controlled analgesia. *Nurse Anesthesia*. 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. *CRNA: The Clinical Forum for Nurse Anesthetists*. 1998;9(2):50-58.

1999 O'Donnell J. **Dixon B.** Hoffman L. Latex Allergy: An increasing 'On the Job' Risk. *Critical Care Alert*. 1999;7(4):28-32.

- 2003 **Dixon B.** Tasota FJ. Action Stat: Inadvertent Tracheostomy Extubation. *Nursing*2003: 2003:33(1):96.
- 2006: **Dixon B,** O'Donnell JM. "Is your patient susceptible to Malignant Hyperthermia?" *Nursing* 2006: 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; ongoing.

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 Cricothyroidotomy 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 Cricothyroidotomy 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 Cricothyroidotomy 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 1st 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 Hand, Clean Hubs QI Project presentation at UPP Department 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

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." 6th 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." 1st 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 75th Anniversary National Meeting, Cleveland, OH.

- 8-2006 Poster presentation accepted "Quality Improvement Monitoring and Evaluation of Course Enhancement Simulation Module" AANA 75th 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:

- 2018 NURSAN 3791 – Advanced Principles of Anatomy, Physiology and Pathophysiology
Lecture 3 hours
- 2017 NURSAN 3788 – Chemistry and Physics of Anesthesia
Lecture 24 hours
- 2017 NURSAN 3785 – Introduction to the Nurse Anesthetist Role
Lecture 3 hours and 10 hours simulation (Airway & Spinal insertion)
- 1995 – 2016 NURSAN 2701 - Chemistry and Physics of Anesthesia
Lecture 32 hours and 10 hours of workshop in lab and in OR

Lecturer for annual courses in progression:

- 2017 NURSAN 3786 – Basic Principles of Anesthesia
- 2017 NURSAN 3787 – Basics of Anesthesia Lab
35 hours of simulation workshop in simulation lab (AGM, IV insertion, Airway, Emergence)
- 1995 – 2016 NURSAN 2700 - Basic Principles of Anesthesia
Lectures:
Malignant Hyperthermia and anesthesia management lecture, 2 hrs
Workshops & Simulation: ~ 32 hours
- 2000 – 2017 NURSAN 2720 - Applied Physiology and Pathophysiology
Lectures:
Spinal cord anatomy and physiology and anesthesia management, 3 hrs
Anesthesia management for GI diseases and procedures, 3 hrs
Simulation: Case management, 8 hrs
- 1996 – 2017 NURSAN 2730 - Advanced Principles of Anesthesia 1
Workshop on regional anesthesia techniques, 8 hrs
- 1995 – 2017 NURSAN 2731 – Applied Pharmacology
Lectures:
IV Induction Agents, 3 hrs
- 2000 – 2017 NURSAN 2740 - Advanced Principles of Anesthesia 2
Lectures:
Peripheral Vascular Disease, 2 hrs
Simulation: CVC and DLEBT, 8 hrs
- 1995 – 2017 NUR 2025 - Physical Diagnosis Practicum and NUR 2016 Physical Diagnosis Theory
Conference: Case conference discussions and exams, 12 hours.
- On-going NUR 1061: Coordinator, Independent Study for undergraduate nursing students.

Additional Simulation and Collaborative Courses:

On-going	Quarterly Pediatrics Simulation Difficult Airway Management
1996 – 2006	Human Simulation - Anesthesia Crisis Resource Management courses for Nurse Anesthesia Students
1999 – Present	Human Simulation Center - Collaborative Anesthesia Crisis Resource Management course for both anesthesiology residents and 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 – 2000 & 2001 – 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 – 2016	Continuing Nursing Education Committee
2016 – present	Faculty Practice Committee

Nurse Anesthesia Program Committees and Responsibilities:

1995 – present	Clinical Advisory Board, member Faculty Advisor for enrolled nurse anesthesia students
2008 – present	Co-Coordinator for Comprehensive Exam Preparation and Review
1995 – 2008	Admissions and Recruitment, Co-Chair
1995 – 1999	Student and Faculty Evaluation Committee, member
1995 – 1999	Coordinator and Instructor for student Clinical Conferences

Other Professional Activities:

Nurse Anesthesia Leadership:

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

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 Montefiore University Hospital
- 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

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 "Milliones Middle School Goes to the OR"
- 4-2003 Anesthesia simulator at WISER for group was 7th & 8th 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
- 9-2011 WISER tour and simulation stations for BCU faculty and students
- 9-2012 WISER tour and simulation stations for BCU faculty and students
- 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
- 9-2013 WISER tour and simulation stations for BCU faculty and students and Chinese visiting students
- 9-2014 WISER tour and simulation stations for BCU faculty and students
- 9-2015 WISER tour and simulation stations for BCU faculty and students
- 9-2016 WISER tour and simulation stations for BCU faculty and students