

STATE OF FLORIDA  
BOARD OF NURSING

Final Order No. DOH-19-1500-**DS**-MQA

FILED DATE **SEP 13 2019**

Department of Health

By: *Angel S. S. S.*  
Deputy Agency Clerk

IN RE: PETITION FOR DECLARATORY  
STATEMENT OF

JOHN P. MCDONOUGH, A.P.R.N., C.R.N.A., Ed.D.,

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**FINAL ORDER**

This matter came before the Board of Nursing (Board) on August 8, 2019, in Fort Myers, Florida, for consideration of the above-referenced Petition for Declaratory Statement. Petitioner was present with his counsel of record, Cynthia A. Mikos, Attorney at Law. The Notice of Petition for Declaratory Statement was published on July 16, 2019 in Vol. 45, No. 137, in the Florida Administrative Register. The petition, filed on behalf of John P. McDonough, APRN, CRNA, Ed.D., inquired as to whether the Board of Nursing would discipline him if he were to refer to himself as a "nurse anesthesiologist".

The petition and its attachments are hereby incorporated and attached to this Final Order as Exhibit A.

**MOTIONS TO INTERVENE**

The Florida Association of Nurse Anesthetists (FANA) filed a Motion to Intervene on July 31, 2019. Glenn Thomas, Attorney at Law, appeared on behalf of the FANA. After review and discussion, the Board granted the Florida Association of Nurse Anesthetists' Motion to Intervene.

The Florida Medical Association, Inc., Florida Society of Anesthesiologists, Inc., and Florida Osteopathic Medical Association, Inc. (Intervenors), filed a Motion to Intervene on August 1, 2019. After review and discussion, the Board denied Intervenors' Motion to Intervene based on

its determination that these organizations do not have standing to intervene. The Intervenors were represented at the hearing by Jason David Winn, Attorney at Law.

Intervenors argue that they will be substantially affected by the Board's decision as to whether the Board of Nursing would discipline one of its Certified Registered Nurse Anesthetist licensees for describing himself and his professional job duties as being a "nurse anesthesiologist".

Intervenors state that their substantial interests would be affected because patients and potential patients use "anesthesiologists" because the patients recognize that the term refers to a physician licensed pursuant to Chapter 458 or 459, Florida Statutes. Intervenors state that they routinely participate in advocacy efforts on behalf of their members who are licensed physicians. After review and discussion, the Board voted to deny Intervenors Motion to Intervene citing the organizations' lack of standing.

The Board of Nursing has authority to issue this Final Order pursuant to Section 120.565, Florida Statutes, and Rule 28-105.0027, Florida Administrative Code.

Rule 28-105.0027, Florida Administrative Code, provides, in part, "Persons other than the original parties to a pending proceeding whose substantial interests will be affected by the disposition of the declaratory statement and who desire to become parties may move the presiding officer for leave to intervene."

In *Agrico Chemical Company v. Department of Environmental Regulation*, 406 So. 2d 478, 482 (Fla. 2d DCA 1981), the court held that to have standing the petitioner must demonstrate: an actual and immediate injury and that the injury is of a type or nature which the proceeding was designed to protect.

Intervenors failed to demonstrate an actual and immediate injury. Petitioners state that the public will be confused by a nurse describing him or herself as an anesthesiologist. However, this injury is speculative as there was no concrete injury described. Intervenors failed to describe how any confusion caused by the “nurse anesthesiologist” moniker would cause an actual and immediate injury to a patient to the physicians. Any injury that may be caused by the moniker is speculative and hypothetical.

The Petition for Declaratory Statement seeks the Board of Nursing’s opinion on whether its licensee is subject to discipline for specified conduct. Neither the Florida Board of Medicine nor the Florida Board of Osteopathic Medicine has the authority to discipline a licensee who is licensed by the Florida Board of Nursing. Therefore, the Board’s determination on whether or not it would subject one of its licensees to disciplinary action for describing himself or herself as a “nurse anesthesiologist” has no impact on an allopathic or osteopathic physician.

A review of the allopathic and osteopathic medicine practice acts (Chapter 458 and 459, Florida Statutes, respectively) does not reveal that the term “anesthesiologist” is protected and requires licensure from either of the two Medical Boards. The only time the term “anesthesiologist” is used in either practice act is when describing the duties of an anesthesiology associate (Section 458.3475 and Section 459.023, Florida Statutes) and both statutes specify that the definition of the term “anesthesiologist” applies only as the term is used in that particular and specific section of each of the medical practice acts. Therefore, it is not a protected term to be used exclusively by a physician licensed pursuant to either Chapter 458 or 459, Florida Statutes.

Based on the foregoing, the Board voted to deny Intervenors’ Motion to Intervene.

## **PETITION FOR DECLARATORY STATEMENT (FINDINGS OF FACT)**

The facts set forth in Exhibit A are hereby adopted and incorporated herein by reference as the findings of fact of the Board.

## **CONCLUSIONS OF LAW**

1. The Board of Nursing has authority to issue this Final Order pursuant to Section 120.565, Florida Statutes, and Rule 28-105, Florida Administrative Code.

2. The Petition filed in this cause is in substantial compliance with the provisions of 120.565, Florida Statutes, and Rule 28-105.002, Florida Administrative Code.

3. Section 120.565, Florida Statutes, reads as follows:

120.565. Declaratory statement by agencies

(1) Any substantially affected person may seek a declaratory statement regarding an agency's opinion as to the applicability of a statutory provision, or of any rule or order of the agency, as it applies to the petitioner's particular set of circumstances.

(2) The petition seeking a declaratory statement shall state with particularity the petitioner's set of circumstances and shall specify the statutory provision, rule, or order that the petitioner believes may apply to the set of circumstances. (3) The agency shall give notice of the filing of each petition in the next available issue of the Florida Administrative Weekly and transmit copies of each petition to the committee. The agency shall issue a declaratory statement or deny the petition within 90 days after the filing of the petition. The declaratory statement or denial of the petition shall be noticed in the next available issue of the Florida Administrative Weekly. Agency disposition of petitions shall be final agency action

4. Rule 28-105.001, Florida Administrative Code, reads as follows:

A declaratory statement is a means for resolving a controversy or answering questions or doubts concerning the applicability of statutory provisions, rules, or orders over which the agency has authority. A petition for declaratory statement may be used only to resolve questions or doubts as to how the statutes, rules, or orders may apply to the petitioner's particular circumstances. A declaratory statement is not the appropriate means for determining the conduct of another person or for obtaining a policy statement of general applicability from an agency.



5. Petitioner, John P. McDonough, APRN, CRNA, Ed.D., is licensed by the Board of Nursing and therefore, is a substantially affected person. As a licensed Advanced Practice Registered Nurse (APRN) and Registered Nurse (RN), Petitioner is subject to disciplinary action if he were to violate the Nurse Practice Act (Chapter 464, Florida Statutes) or a rule promulgated pursuant thereto in Rule Chapter 64B9, Florida Administrative Code.

6. Section 464.012, Florida Statutes, provides, in part, that any person who wishes to be licensed as an Advanced Practice Registered Nurse must be licensed as a registered nurse and hold specialty certification. Petitioner holds specialty certification in anesthesiology, and therefore, was licensed as a Certified Registered Nurse Anesthetist (CRNA).

7. In his Petition and testimony before the Board, Petitioner stated that he would continue to identify himself as a CRNA as required by Florida law. Petitioner stated that he would use the term “nurse anesthesiologist” when describing himself or his professional duties.

8. There are multiple grounds for disciplinary action enumerated in Section 456.072 and Section 464.018, Florida Statutes. The Board of Nursing is the sole authority for taking disciplinary action against its licensees, see Section 464.002, Florida Statutes.


9. After review of the Petition and attachments, the Board voted to approve Petitioner’s use of the term “nurse anesthesiologist” as a descriptor for himself and his job duties; although Petitioner must continue to use the CRNA license designation in every circumstance in which it is required. This description does not change or modify the scope of practice of a CRNA.

10. The Board’s response to this Petition addresses solely the question propounded by the Petitioner and only addresses the specific issue raised in the petition. The Board’s conclusion is

based solely on the Board's application of the factual circumstances outlined in the Petition to the pertinent statutory and rule provisions set forth above.

**DONE AND ORDERED** this 12<sup>th</sup> day of September, 2019.

BOARD OF NURSING

  
Joe R. Baker, Jr., Executive Director  
for Kathryn L. Whitson, MSN., RN. Chair

**NOTICE OF APPEAL RIGHTS**

Pursuant to Section 120.569, Florida Statutes, Respondents are hereby notified that they may appeal this Final Order by filing one copy of a notice of appeal with the Clerk of the Department of Health and the filing fee and one copy of a notice of appeal with the District Court of Appeal within 30 days of the date this Final Order is filed.

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by  
**Certified Mail to: John P. McDonough, APRN, CRNA., Ed.D., c/o Cynthia A. Mikos,**  
Attorney at Law, Johnson Pope Bokor Ruppel & Burns, LLP, 401 East Jackson Street, Suite 3100,  
Tampa, Florida 33602; **Christopher Nuland,** Attorney at Law, Law Offices of Christopher  
Nuland, P.A., 4427 Herschel Street, Jacksonville, Florida 32210; and **Jason Winn,** 2709  
Killarney Way, Tallahassee, Florida 32309-6200; by email to: **Deborah B. Loucks,** Senior  
Assistant Attorney General, [deborah.loucks@myfloridalegal.com](mailto:deborah.loucks@myfloridalegal.com); and **Louise R. St. Laurent,**  
General Counsel, Department of Health, [Louise.StLaurent@flhealth.gov](mailto:Louise.StLaurent@flhealth.gov); on this 13<sup>th</sup> day of  
September, 2019.

John P. McDonough, APRN, CRNA., Ed.D.  
c/o Cynthia A. Mikos, Esq.  
Johnson Pope Bokor Ruppel & Burns, LLP  
401 East Jackson St., Ste. 3100  
Tampa, FL 33602

**Certified Article Number**

9414 7266 9904 2140 1018 02

**SENDER'S RECORD**

Christopher Nuland, Esq.  
4427 Herschel Street  
Jacksonville, FL 32210

**Certified Article Number**

9414 7266 9904 2140 1017 72

**SENDER'S RECORD**



Deputy Agency Clerk

Jason Winn  
2709 Killarney Way  
Tallahassee, FL 32309-6200

**Certified Article Number**

9414 7266 9904 2140 1017 89

**SENDER'S RECORD**



TO: Mark Whitten, Chief  
Bureau of HCPR

FROM: Joe Baker, Jr., Executive Director  
FBON

DATE: September 11, 2019

RE: Delegation of Authority

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The following managers are delegated authority for the Board office on Thursday, September 12, 2019, through Tuesday, October 1, 2019:

9/12; 9/25; 9/27-30	Sherri Sutton-Johnson	Director, Nursing Education
9/13-24	Nicole Benson	Program Ops Administrator
9/26; 10/1	Dontavia Wilson	Regulatory Supervisor

Thank you.

JBjr/ms



**FLORIDA DEPARTMENT OF HEALTH  
BOARD OF NURSING**

Petition for Declaratory Statement  
Before the Board of Nursing

In re: John P. McDonough, A.P.R.N., C.R.N.A., Ed.D.

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2019 JUL 10 PM 4:40  
OFFICE OF THE CLERK  
FLORIDA DEPARTMENT OF HEALTH

Petitioner, John P. McDonough, A.P.R.N., C.R.N.A., Ed.D. ("Petitioner" or "Dr. McDonough") by and through the undersigned attorneys and pursuant to Florida Statutes §120.565 and Florida Administrative Code Rule 28-105.002, seeks the Florida Board of Nursing's ("Board") opinion as to whether he may describe himself as, or his professional duties as those of, a "nurse anesthesiologist" without subjecting his Florida nursing licenses to discipline under Section 456.072, Florida Statutes, or Section 464.018, Florida Statutes.

1. Dr. McDonough is an advanced practice registered nurse ("A.P.R.N.") who is nationally certified as a certified registered nurse anesthetist (C.R.N.A.) licensed by the Florida Board of Nursing pursuant to Florida Statutes Chapter 464 holding license numbers RN3344982 and APRN3344982 since 1999. He can be contacted through undersigned counsel.

2. Dr. McDonough is currently employed as a Professor of Nursing, Director of Graduate Programs for the School of Nursing, and the Director of Anesthesiology Nursing at the University of North Florida ("UNF") in Jacksonville, Florida, where he has served in these roles since 2005. His responsibilities include the development, accreditation, implementation, and administration of the anesthesia program. In addition to his academic responsibilities, Dr. McDonough also maintains a clinical anesthesia business. He holds clinical privileges in anesthesiology at Tampa General Hospital, in Tampa, Florida.

3. Involved in multiple professional associations and activities, Dr. McDonough devotes significant effort toward advancing the practice of C.R.N.A.s. He has published and presented internationally on nurse anesthesia and graduate nursing education. He is active nationally in the American Association of Nurse Anesthetists ("AANA") which has recognized the optional titles "nurse anesthesiologist" and "Certified Registered Nurse Anesthesiologist." Further, AANA is currently considering bylaw revisions to change its name to the American Association of Nurse Anesthesiologists. Additionally, Dr. McDonough is a member of the Committee for Proper Recognition of CRNAs, an entity that advocates for the adoption of the term "nurse anesthesiologist." Consequently, this is a subject of great professional interest to him. A copy of his *curriculum vita* detailing his complete professional background is attached as Exhibit 1.

4. Dr. McDonough acknowledges that the type of Florida license that he holds is as a C.R.N.A. is "certified registered nurse anesthetist." and further acknowledges that he will use the title of C.R.N.A. as required by Florida law. However, Dr. McDonough seeks the Board's determination as to whether he may describe himself as, or his professional duties as those of a "nurse anesthesiologist" without subjecting his Florida nursing licenses to potential discipline.

5. The New Hampshire Board of Nursing recently published a position statement on this subject entitled "Position Statement regarding the use of Nurse Anesthesiologist as a communication tool and optional descriptor for Certified Registered Nurse Anesthetists (CRNAs)." In the position statement, the New Hampshire Board of Nursing found that the descriptor of "nurse anesthesiologist" distinguishes nurse anesthesiologists, from physician anesthesiologists, dentist anesthesiologists, and anesthesiologist assistants. They also cited to evidence from the American Society of Anesthesiologists that confirmed 55% of the country does

not recognize an "anesthesiologist" as a physician and acknowledged that physicians have adopted a descriptor of "physician anesthesiologist." The New Hampshire Board of Nursing concluded that the optional use of "nurse anesthesiologist" would provide transparency, remove confusion, and recognize CRNAs as fully qualified anesthesia providers. Consequently, the New Hampshire Board of Nursing found the phrases of "nurse anesthesiologist" and certified registered nurse anesthesiologist" are optional, accurate descriptors that do not create an expanded or misleading scope of practice. It recognized the use of those terms as transparent and lawful terms for address, introduction and use on personal and professional communications. A copy of the New Hampshire Board of Nursing Position Statement is attached as Exhibit 2.

6. Florida law grants no title protection to the word "anesthesiologist." Similarly, there is no title protection for the word "anesthetist" although the term "nurse anesthetist" is protected by Section 464.015(6), Florida Statutes. In fact, the American Academy of Anesthesiologist Assistants utilize the URL of [www.anesthetist.org](http://www.anesthetist.org). Moreover, in Dr. McDonough's experience, facilities are using the term "anesthetist" to refer to both CRNAs and anesthesiology assistants. This development muddles the distinction between Masters-prepared nurses who are nationally certified as CRNAs and anesthesiology assistants who may have completed only a two-year anesthesia training program. Thus, Dr. McDonough should be able to use either the phrase "nurse anesthetist" or "nurse anesthesiologist" to describe him or his professional duties. In all instances when describing his Florida nursing license, Dr. McDonough will use the title of C.R.N.A.

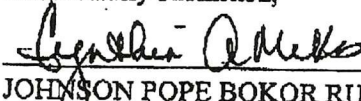
7. As a Florida licensed nurse, Dr. McDonough licenses to practice nursing may be sanctioned under a number of enumerated grounds for discipline found in Section 456.072, Florida Statutes and in Section 464.018, Florida Statutes. For instance, Section 456.072(1)(a) prohibits a health care practitioner from "making misleading, deceptive or fraudulent representations in or



related to the practice of the licensee's profession." Additionally, both Sections 456.072 and 464.018, Florida Statutes contain grounds for discipline related to violating any provision of the respective chapter, practice act, or rules. Section 464.018, Florida Statutes contains broad categories for potential discipline including subsection (1)(h) prohibiting "unprofessional conduct" and (1)(n) prohibiting "failing to meet minimal standards." Dr. McDonough would be substantially affected by discipline on his Florida nursing licenses which could mar his impeccable professional history or interfere in his ability to be appointed to a clinical staff or prevent his participation in third party payor contracts. Consequently, he is seeking the Board's review of his proposed conduct as outlined in this petition.

WHEREFORE, Dr. McDonough respectfully requests that the Board issue a declaratory statement opining that his use of the phrase "nurse anesthesiologist" as a descriptor of him or his practice does not subject his Florida nursing licenses to discipline under Section 456.072, Florida Statutes or Section 464.018, Florida Statutes.

Respectfully submitted,

  
JOHNSON POPE BOKOR RUPPEL & BURNS,  
LLP

Cynthia A. Mikos, Esq.  
Florida Bar No.: 0984256  
401 E. Jackson Street, Suite 3100  
Tampa, FL 33602  
Tel: (813) 225-2500  
Fax: (813) 223-7118  
E-Mail: [cynthiam@jpfirm.com](mailto:cynthiam@jpfirm.com)

**CERTIFICATE OF SERVICE**

I hereby certify that a true and correct copy of the fully executed foregoing instrument has been furnished via email to [deborah.loucks@myfloridalegal.com](mailto:deborah.loucks@myfloridalegal.com) and via U.S. Mail to Deborah



Loucks, Office of the Attorney General, The Capitol, PL-01, Tallahassee, FL 32399 and via  
facsimile (850) 413-8743 and U.S. Mail to the Florida Department of Health, Agency Clerk, 4052  
Bald Cypress Way, Bin A02, Tallahassee, FL 32399 on this 10th day of July 2019

  
Cynthia A. Mikos

cc: Joe Baker, Executive Director, FBON (via email)

*Curriculum Vita*

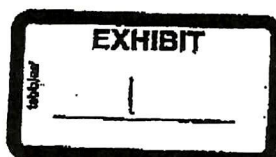
**John P. McDonough, CRNA, Ed.D, Dr.(habil.)NScA, ARNP, FRSM**  
**Professor & Director, Graduate Nursing Programs**  
**Director, Nurse Anesthetist Program**  
**University of North Florida**

## Contact information:

Home:  
86479 Meadowfield Bluffs Rd  
Yulee, FL 32097  
Tel (239) 272-0244  
Fax (904) 225-1981  
E-Mail: drjmcDonough@mindspring.com

Office:  
University of North Florida  
School of Nursing  
1 UNF Drive  
Jacksonville, FL 32224  
john.mcdonough@unf.edu

Updated October 2018



**Education**

Greenfield Community College, Greenfield, Mass., A.S. (Nursing)

St. Anselm's College, Manchester, NH, B.S. (Nursing)

V.A. Medical Center, Des Moines, IA, Certificate in Nurse Anesthesia

Drake University, Des Moines, IA,

Master of Science (adult education)

Doctor of Education (counseling). Dissertation topic: Personality and Addiction  
Tendency (see "publications" for citation)

University of Tennessee, Memphis, TN, Master of Science in Nursing

State University of New York, Stony Brook, Post Master's Certificate, Family NP Program

Paracelsus Medical University, Salzburg, Austria, Doktor habilatus (Privatdozent)

In the specialty: Pflegewissenschaft in der anesthesiologie [Nursing Science in Anesthesiology]

**Memberships**

American Association of Nurse Anesthetists (national Education Committee 2004-2005, national Nominating Committee 2007-2008)

Florida Association of Nurse Anesthetists, President 2016-2017 (Vice President 2002-03, President 2003-04, Director 2006-08)

District of Columbia Association of Nurse Anesthetists, former member & Past President

Iowa Association of Nurse Anesthetists, former member & Past President

District of Columbia Nurses' Association, former member

Florida Nurses' Association

Sigma Theta Tau (Lambda Rho at-large Chapter)

Academy of Clinical Hypnosis

American Board of Medical Psychotherapists (Fellow & Diplomate)

**Appointments and Honors**

Graduate Teaching Award, University of North Florida, 2013-2014

Fellow, Royal (UK) Society of Medicine, 2013

Florida Board of Nursing (Gubernatorial appointment with Senate confirmation), 2008-2012

Graduate Teaching Award, UNF Brooks College of Health, 2007

Consultant, Iowa Board of Nursing (former)

Named "First Distinguished Alumnus" and Commencement Speaker, Greenfield Community College, 1990

Outstanding Faculty Award, GSN, Uniformed Services University (USU), 1996

University Commendable Service Medal, USU, 1997

University Meritorious Service Medal, USU, 1998

Austrian Military Surgeon General's Distinguished Visitor Award 1997

**Other professional activities (not directly related to responsibilities of primary academic Appointment):**

Editor-in-Chief, *International Journal of Advanced Nursing Studies*

Member, editorial Board, *American Journal of Medicine and Medical Sciences*, (2011-present)

Member, National Advisory Board, Cadence Pharmaceuticals

Member, National Advisory Board, GlaxoSmithKline (former)

Member, Scientific Review Panel, Robert Bosch Foundation (Stuttgart, Germany)

*Acute Pain*, Member, International Editorial Board (former)

*The Scientific World*, Principal Editor, Anesthesiology Domain (former)

*Internet Journal of Advanced Practice Nursing*, Member, Editorial Review Panel (former)  
*Open Airways* (formerly *Anesthesiology Bulletin*) Member, Editorial Board (former)  
*AANA Journal*, Editorial Advisory Board (former)  
 Member, Scientific Advisory Committee, Hill-Rom Europe (former)  
 Hein u. Cie. Venture Management GmbH, Frankfurt, Germany, Wissenschaftlicher  
 Beirat (scientific advisor) (former)  
 Member, Education Committee, American Association of Nurse Anesthetists 2004-2005  
 U.S. Public Health Service, HRSA, Division of Nursing Grant Reviewer 2003-2004  
 Adjunct Professor, Farleigh Dickinson University, Post-Doctoral Program in Psychopharmacology.  
 Course Director, Biological Concepts II (2003)  
 FDA/NIH Pulmonary Artery Catheter Clinical Outcome Study Group, Member 1998-99  
 American Psychological Association, College of Professional Psychology, Member,  
 Expert Working Group to develop knowledge base and certification examination in  
 psychopharmacology 1999-present  
 Member, Department of Nurse Anesthesia COA Accreditation Self Study Task Force, USUHS  
 Member, Scientific Review Panel, Tri-Service Nursing Research Group. (Performed  
 review of proposals competing for \$ 5 million in TNRG funding, 1996)  
 AANA Foundation Clinical Research Scholars Program (competitive selection, 1996)  
 Chair, Faculty Council, USUHS, Graduate School of Nursing (1995-97)  
 Chair, Ad Hoc Committee on GSN faculty Bylaws  
 Senator, USUHS Faculty Senate, 1997-1998  
 Member, USUHS Faculty Welfare Committee, 1997-1998  
 Guest Faculty, USUHS Office of Continuing Health Professional Education  
 Anesthetic considerations in perioperative nursing during endoscopic  
 surgery: Oct 1994, Feb 1995.  
 Faculty, Department of Defense Psychopharmacology Demonstration Project, USUHS  
 Chair, Bylaws Committee, American Association of Nurse Anesthetists 1999-2000

#### **Current Position:**

June 2005-Present, Professor of Nursing (tenured)  
 School of Nursing, Director of Graduate programs  
 Director Anesthesiology Nursing  
 University of North Florida, School of Nursing  
 Responsible for the development, accreditation, implementation and administration of the anesthesia program  
 including: didactic and clinical education for all graduate students at all clinical sites, resource management and  
 faculty development. Coordinator of the curriculum, teaching and admission/progression in all master's and  
 doctoral programs in nursing. In addition to academic responsibilities also maintains an active clinical practice  
 administering anesthesia.

#### **Clinical Privileges**

Tampa General Hospital (1,200 beds multispecialty academic Level-I Trauma Center)  
 Garcia Surgery Institute (former)  
 UF/Shands Medical Center, Jacksonville, FL (former)  
 Medical Partners Surgery Center, Jacksonville, FL (former)  
 Miami Heart Institute, Miami, FL (former)  
 Mount Sinai Medical Center, Miami, FL (former)  
 Miami Baptist Medical Center, Miami, FL (former)  
 DeWitt Army Hospital, Fort Belvoir, VA (former)  
 Keller Army Community Hospital, United States Military Academy, West Point, NY (former)



Malcolm Grow USAF Medical Center, Andrews AFB, MD (former)  
 Naples Community Hospital, FL (former)  
 Greater Southeast Community Hospital, Washington, DC (former)  
 Dulles Pain Management Center, Sterling, VA (former)  
 National Naval Medical Center, Bethesda, MD (former)  
 Countryside Ambulatory Surgery Center, Sterling, VA (former)  
 Loudoun Hospital Center, Leesburg, VA (former)  
 Des Moines General Hospital, Des Moines, IA (former)  
 Tower Medical Clinic, Des Moines, IA (former)  
 Surgery Center of Des Moines, West Des Moines, IA (former)

#### Former Positions

January 2005- June 2005

Professor, Anesthesiology Nursing  
 Florida International University, School of Nursing

July 2000- December 2004

Professor & Director Anesthesiology Nursing  
 Florida International University, School of Nursing

Responsible for the development, implementation and administration of the program including: didactic and clinical education for all graduate students at all clinical sites, resource management and faculty development. In addition to academic responsibilities also maintains an active clinical practice administering both surgical and obstetrical anesthesia.

Nov 1999-June 2000

Private practice of clinical anesthesia & pain management  
 Clinical Practice at Miami Heart Institute, Miami, FL  
 Administrative Offices at Coastal Primary Care, P.L., Naples, FL  
 Jan 1999- Oct 1999

Professor & Program Director

M.S. in Anesthesiology Program

Barry University, Miami Shores, FL

Responsible for the administration of the program including: didactic and clinical education for all graduate students at all clinical sites, resource management and faculty development. In addition to academic responsibilities also maintains an active clinical practice administering both surgical and obstetrical anesthesia.

Sept 1994-Dec 1998

Director of Clinical Education, Associate Program Director & Associate Professor (tenure track)

Department of Nurse Anesthesia

Graduate School of Nursing

Uniformed Services University of the Health Sciences

Bethesda, MD

Primary responsibility included all clinical instruction of the graduate nurse anesthesia students at all 13 clinical sites and serve as thesis advisor and committee chair for graduate students. Didactic duties include teaching in the following graduate courses: Neuroscience I, Neuroscience II, Health Assessment, Clinical Pathophysiology of Advanced Nursing Practice I, and Role Development in Advanced Nursing Practice. Served as Course Director for the following graduate courses: Basic Principles of Nurse

Anesthesia Practice, Anesthesia Pharmacology, Advanced Principles of Nurse Anesthesia Practice I and Advanced Principles of Nurse Anesthesia Practice II and Operational Readiness. Administer clinical anesthesia on a regular basis.

1975-1994

Employed by Metro Anesthesia, Des Moines, IA, lastly as:

Director, Anesthesia Education & Attending Anesthetist at Des Moines General Hospital

The position of DAE includes a graduate faculty appointment at Mount Marty College. The DAE is the faculty member responsible for all (didactic & clinical) academic activities of the graduate nurse anesthesia students during their final four semesters of graduate study. Served as the chair of the thesis committees for four graduate students each year. Principle investigator of projects which involved human subjects and as such required IRB approval. Along with the graduate students, the DAE coordinated the clinical instruction and evaluation of house staff (MS 3 & 4 and PGY 1) as they rotate through the anesthesia department.

As an Attending Anesthetist, administered general and regional anesthesia to all categories of patients who are undergoing all types (excluding transplants) of surgery. In addition to surgical anesthesia, the department operates a very active pain consultation and management service. Provided consultation to recommend and perform the invasive and/or psychotherapeutic intervention.

#### Military Experience

Lieutenant Colonel, Nurse Corps, U.S. Army Reserve, retired

Assignments:

USAR, Individual Ready Reserve, 2002

114th Combat Support Hospital, 330th Med Brigade, USAR (wfat: NAAD) 1995-2002

830th Station Hospital USAR (wfat: NAAD) 1992-1995

Chief, Anesthesia Nursing

Active duty during Operation Desert Storm:

Chief, Anesthesia Nursing, USA MEDDAC, U.S. Military Academy, West Point, NY

IMA for Chief, Nurse Anesthesia Branch, (U.S. Army Graduate Program in Anesthesia Nursing)

U.S. Army Academy of Health Sciences, Ft Sam Houston, TX 1989-91. Served as designated RC replacement for, and trained with, the chief of the Army CRNA graduate program in case that AC officer were to be deployed.

Military Academy Liaison Officer (for Iowa), U.S. Military Academy, West Point, NY 1987-88.

Served as admissions representative for the academy on applicants from that area.

ROTC Bn, Iowa State University 1985-1986

Taught emergency medical care, role of RC forces and land navigation to cadets.

USAR Control Group, 1980-1984

830th Station Hospital, USAR, Des Moines, IA 1973-1980

1973-4 Ass't Chief Nurse

1975-80 Anesthetist (supplemental duty: alcohol & drug abuse control officer)

U.S. Army Medical Center, Ft. Gordon, GA (active duty)

1971-1973 1971-2 Head Nurse, Medical ICU

1972-3 Chief, Nursing Specialty Education & Training Section (critical care)

Military Education:

U.S. Army Command and General Staff College, graduate

Army Medical Department Officer Advanced Course (C.C.)

Army Medical Department Officer Basic Course, graduate

Decorations:



Meritorious Service Medal, Army Achievement Medal (2), National Defense Service Medal (2), Army Service Ribbon, Reserve Components Overseas Training Ribbon, Army Reserve Components Medal (w/ mobilization device), Reserve Components Achievement Medal.

#### Academic Activities

(appointed)

University of Gothenburg, Sweden 2018

Professor

Paracelsus Medical University, Salzburg, Austria 2007

Professor

University of North Florida, School of Nursing, 2004

Professor (tenured) & Director, Graduate Nursing Programs

Director, Nurse Anesthetist Program

Florida International University, School of Nursing (former)

Professor & Director, Anesthesiology Nursing

Chair, Faculty Search Committee, 2003

Member, PhD Program Development Task Force, 2003

Member, PhD Admissions Committee, 2004

Faculty member, Doctoral Study Committee

Institut für Pflegewissenschaft (Institute for Nursing Sciences) Universität Witten, Germany

Farleigh Dickinson University,

Adjunct Professor (post-doctoral program in psychopharmacology) (former)

Barry University, School of Natural & Health Sciences

Professor (former)

Uniformed Services University of the Health Sciences, Graduate School of Nursing

Associate Professor (former)

Mount Marty College, Department of Nurse Anesthesia (former)

Graduate Faculty (Clinical Coordinator) See "former position (DAE)"

University of Osteopathic Medicine & Health Sciences, Departments of Anesthesia & Psychiatry

Adjunct Associate Professor of Surgery (anesthesia): Provided a recurring series of Lectures to medical students (MS 1, 2, & 3) for the Departments of Anesthesia & Psychiatry. These lectures dealt with pre-anesthesia evaluation, regional anesthesia techniques, acute & chronic pain, addiction theory and issues related to the psychodynamic view of the development of personality and psychopathology.

Drake University, College of Pharmacy (former)

Adjunct Assistant Professor: Developed and implemented an anesthesia rotation for 5<sup>th</sup> year students interested in clinical pharmacy. Each of these senior pharmacy students were expected to participate in the preanesthesia evaluation of patients with a view toward potential medication conflicts associated with anesthesia management. Directed the students' exposure to the acute action of drugs on the autonomic and central nervous systems.

(guest faculty)

Emory University, Georgetown University, University of Kansas, Wake Forest University (Bowman Gray School of Medicine)

### Publications

- Müller-Wolff, T., McDonough, J. (2019) Geschichte der Anästhesie: Spielte immer maßgebliche Rolle (trans: The history of anesthesiology: Nurses have always played a significant role). *Anästhesiepflege* 2(19), 2-4
- McDonough, J., Loriz, L., Niemczyk, M. (2016) Learning styles and their effect on clinical instruction. In Hendricks, B., Thompson, J. *A Resource for Nurse Anesthesia Educators*. (2<sup>nd</sup> Ed) Chicago: AANA Publishing
- Mangar, D., Sprenger, C., Karlinski, R., McDonough, J., Dodson, R., Brashears, B., Downes, K., Camporesi, E. (2013) Are anatomical landmark measurements accurate for predicting endotracheal tube depth? *International Journal of Advanced Nursing Studies*, 2 (2) (2013) 66-73.
- Machan, M., Monaghan, W., Hogan, G., McDonough, J. (2013) Emerging evidence in infection control: Effecting change regarding use of disposable laryngoscopic blades. *AANA Journal*. (81) 2, 103-108.
- Welliver, M., Cheek, D., Redfern, R., Osterbrink, J., McDonough, J. (2013) Worldwide experience with sugammadex sodium: Implications for the United States. *AANA Journal*. 2015 Apr;83(2):107-15.
- Macha, K., McDonough, J. (2011) *Epidemiology in Advanced Practice Nursing*. Boston: Jones & Bartlett. ISBN-13: 9780763789961
- McDonough, J. (2010) Der praxisorientierte pflegerische Doktorgrad (DNP) in den USA (The practice oriented nursing doctoral degree (DNP) in the USA). *PflegenIntensiv: Die Fachzeitschrift für Intensivpflege und Anästhesie*. 7:4/10 49-50.
- McDonough, J., Macha, K., Loriz, L. (2010) Alpha and beta agonists and antagonists. In Oullette, R., & Joyce, J. (Ed) *Pharmacology for Nurse Anesthesiology*. (pp. 323-345) Boston: Jones & Bartlett. ISBN: 9780763786076
- McDonough, J., Loriz, L., Macha, K. (2009) Learning styles and their effect on clinical instruction. In Hendricks, B., Thompson, J. *A Resource for Nurse Anesthesia Educators*. (pp. 189-200) Chicago: AANA Publishing
- Welliver M., McDonough J., Kalynych N., Redfern R., (2009) The discovery, development, and implications of sugammadex, a selective relaxant Binding agent. *Drug Design, Development, and Therapy*. 2008. 2:49-59
- Welliver, M., Groom, J., Pabalate, J., Kalynych, N., McDonough, J., Loriz, L. (2008) Tips for Using Video: Teleconferencing for Distance Education. *Nurse Educator*. 33(4) 149-150.
- Harris, A., Welliver, M., Redfern, R., Kalynych, N., McDonough, J. (2007) Orthopaedic Surgery Implications Of A Novel Encapsulation Process That Improves Neuromuscular Blockade And Reversal. *The Internet Journal of Orthopedic Surgery*. Volume 7 Number 2.
- McDonough, J., (2007) Die Rolle von CRNAs in Rahmen der schmerztherapeutischen Versorgung in den USA. *Der Schmerz*. Band 21, 34-35.
- Welliver, M., McDonough, J. (2007). Anesthetic related advances with cyclodextrins. *TheScientificWorldJOURNAL*. 6, 364-371.
- Boyd, A., Eastwood, V., Kalynych, N., McDonough, J. (2006) Clinician perceived barriers to the use regional anesthesia and analgesia. *Acute Pain*. 8(1), 23-27.
- Kerns, A., McDonough, J. (2006) Tele-video conferencing: Is it as effective as "in person" lectures for nurse anesthesia education? *AANA Journal*. 74(2), 19-21.
- Osterbrink, J., McDonough, J., Ewers, A., Mayer, H. (2005). The occurrence of acute postoperative confusion in patients after cardiac surgery. *TheScientificWorldJOURNAL*. 5, 874-883.
- McDonough, J., Osterbrink, J. (2005). Learning styles: An issue in clinical education? *AANA Journal*. 73(2), 89-93.
- Osterbrink, J., Mayer, H., Ewers, A.,... McDonough, J., et al., (2004) Akute postoperative Verwirrtheit bei kardiologischen Patienten. (Acute postoperative confusion in cardiac surgery patients. Trans.) *Z. Ärztl. Fortbild. Qual. Gesundheit Wes.* (J Quality Assurance in Medicine and Health Sciences.) 98, 761-765.
- McDonough, J. (2004). Cardiac Pharmacology, In Nagelhut, J. (Ed), *Nurse Anesthesia*. (pp.196-221) Philadelphia: Elsevier Saunders.



- McDonough, J. (2003). Pflegeeinsparungen haben sich in den USA als Fehlschlag erwiesen (Nurses have proven DRGs to be workable in the USA, Trans.) *Die Schwester, Der Pflege*. 42
- Osterbrink, J., Mayer, M., Fiedler, C., McDonough, J. (2002). Inzidenz und Prävalenz postoperativer akuter Verwirrtheit kardiochirurgischer Patienten nach Bypassoperationen sowie Herzklappenersatz. (Incidence and prevalence of acute postoperative confusion after cardiac surgery, Trans.) *Pflege: Die Wissenschaftliche Zeitschrift für Pflegeberufe* (Journal of Nursing Science) 15, 178-189.
- McDonough, J. (1999). American universities and their relationship to venture capital. *Venture Capital: Das Zusammenwirken von Innovatoren und Investoren*. In Spiwoks, M. (Ed), *Sofia-Diskussionsbeiträge zur Institutionenanalyse*. (pp. 5-10), 99 (7).
- Rayos, C., McDonough, J. (1999). A comparison of Air Force and U.S. hospitals regarding the availability of pain management services. *Military Medicine*, 164 (12), 900-905.
- Bell, D.M., McDonough, J., Ellison, J.S. (1999). Controlled drug misuse by Certified Registered Nurse Anesthetists. *AANA Journal*. 64, 133-140.
- Hartgerink, B., McMullin, P., McDonough, J., McCarthy, E. (1998). A guide to understanding informed consent. *CRNA. The Clinical Forum for Nurse Anesthetists*. 9 (4), 128-134.
- McCarthy, E., Halliburton, J., Ikert, J., McAuliffe, M., McDonough, J., et al. (1998). An analysis of a nurse anesthesia program curriculum by decomposition. *AANA Journal*. 65, 443-447.
- Cutbush, C., McDonough, J., Clark, K., McCarthy, E. (1998). The effect of intrathecal and epidural analgesia on the length of labor. *CRNA. The Clinical Forum for Nurse Anesthetists*. 9, 106-112.
- Malan, TP, Philip, BK, Agre P, McDonough, J. (1996). *The Guardian Series for Anesthesia Health Professionals. No 1 in a monograph series: Patient Fear of Anesthesia*. NC: Research Triangle Park, Glaxo Inc.
- Malan, TP, Agre P, McDonough, J. (1996). *The Guardian Series for Anesthesia Health Professionals. No 2 in a monograph series: The healing power of communication*. NC: Research Triangle Park, Glaxo Inc.
- McDonough, J., McMullen, P.C., Phillipsen, N. (1995). Informed Consent: An essential element of safe anesthesia practice. *CRNA: The Clinical Forum for Nurse Anesthetists*. 6, 64-69.
- McDonough, J. (1994). *The treatment of postoperative nausea and vomiting. Wrote and presented this videotape used in a nation wide anesthesia CHE program series*. CA: Annenberg Center, Palm Springs.
- McDonough, J. (1992). Personality and addiction: A response. *AA NA Journal*. 60.
- McDonough, J. (1990). Personality, addiction and anesthesia. *AANA Journal*. 58, 193-200.
- McDonough, J. & Quam, S.R. (1990). *General Anesthesia*. In Levy, L. (Ed), *Principles and Practice of Podiatric Medicine*. NY: L. Livingstone Churchill.
- McDonough, J. (1989). Personality and Addiction Tendency: An Initial Comparison of graduate students of Nursing and Nurse Anesthesia. In Ann Arbor (Ed) *Doctoral dissertation*. Drake University. 1989 (UMI order # 910402 1)
- McDonough, J. (1986). Letter to the editor. *Hawkeye Osteopathic Journal*. 4(2), 3-4.
- Quam S., McDonough, J. (1985). Spinal Opioids: A new approach to pain relief *Hawkeye Osteopathic Journal*. 3(3), 11-16.
- McDonough, J.P. (1985). Anesthesia and infection control in the AIDS patient. In T. Stanley (Ed), *Epidemiology of AIDS*. Carbondale, IL: Educational Research Corp.
- McDonough, J. (1976). Blood pressure changes in response to sodium indigotin disulphonate. *AANA Journal*. 44, 211-214.

### Research and Project Activities

#### Principle or Co-Investigator

- USPHS, HRSA Nurse Anesthesia Traineeship grant # A22HP31004 \$80,260 (2018-2019)
- USPHS, HRSA Nurse Anesthesia Traineeship grant # A22HP31004 \$29,946 (2017-2018)
- USPHS, HRSA Nurse Anesthesia Traineeship grant # A22HP29952 \$29,697 (2016-2017)
- USPHS, HRSA Nurse Anesthesia Traineeship grant # A22HP28650 \$35,800 (2015-2016)

USPHS, HRSA Nurse Anesthesia Traineeship grant # A22HP27147 \$43,544 (2014-2015)  
 USPHS, HRSA Nurse Anesthesia Traineeship grant # A22HP26019 \$36,500 (2013-2014)  
 USPHS, HRSA Nurse Anesthesia Traineeship grant # A22HP24514 \$32,336 (2012-2013)  
 USPHS, HRSA Nurse Anesthesia Traineeship grant # A22HP21706 \$15,800 (2011-2012)  
 USPHS, HRSA AEN grant # 1D09 HP 09357 3<sup>rd</sup> yr funded at \$476,680 (2010-2011)  
 USPHS, HRSA Nurse Anesthesia Traineeship grant \$2,683 (2010-2011)  
 USPHS, HRSA AEN grant # 1D09 HP 09357 2<sup>nd</sup> yr funded at \$481,589 (2009-2010)  
 USPHS, HRSA Nurse Anesthesia Traineeship grant \$2,621 (2008-2009)  
 USPHS, HRSA grant # 1D09 HP 09357 1<sup>st</sup> yr funded at \$618,150 (2008-2009)  
 USPHS, HRSA grant # 1D09 HP 09357. "Increasing diversity, cultural competence and clinical skills in a Nurse Anesthetist Program" 2008- Approved and funded (estimated at \$1.6M).  
 USPHS, HRSA grant # 1D09 HP 00341 3<sup>rd</sup> yr funded at \$363,639 (2004-2005)  
 USPHS, HRSA Nurse Anesthesia Traineeship grant \$22,193 (2004-2005)  
 USPHS, HRSA grant # 1D09 HP 00341 2<sup>nd</sup> yr funded at \$349,192 (2003-2004)  
 USPHS, HRSA Nurse Anesthesia Traineeship grant \$7,042 (2002-2003)  
 USPHS, HRSA grant # 1D09 HP 00341 1<sup>st</sup> yr funded at \$435,159 (2002-2003)  
 USPHS, HRSA grant # 1D09 HP 00341. "Expanding a Culturally Diverse Nurse Anesthesia Program" 2002-2005 Approved and funded (estimated at \$1.15M).  
 A Double-Blind, Randomized, Placebo-Controlled Study Assessing the Efficacy, Safety, and Pharmacokinetics of Tigan<sup>TM</sup> Suppositories for the Prevention of Postoperative Nausea and Vomiting (PONV). (Co-I) Mt. Sinai Medical Center, 2003. funded at \$490,000.  
 A Phase II, Randomized, Single-Blind, Controlled Clinical Trial Assessing the Efficacy and Safety of Hemolink<sup>TM</sup> (hemoglobin raffimer) in Subjects Undergoing High-Blood-Loss Orthopedic Surgical Procedures. (Co-I) Mt Sinai Medical Center, 2002. Funded at \$55,500.  
 The Safety of Desflurane versus Isoflurane in Patients with Coronary Artery Disease Undergoing Peripheral Vascular Surgery. (Co-I) Protocol I-653-28. Mt Sinai Medical Center, 2002. Funded at \$60,000.  
 A randomized, double-blind, placebo controlled, multicenter study of single dose ondansetron 8mg and single dose ondansetron 16 mg for the treatment of opioid-induced nausea and emesis in subjects experiencing acute pain. S3AA3013, USUHS, 1997.  
 Comparison of clinical experiences and outcomes in patients undergoing elective surgery under general anesthesia with remifentanyl HCL v. hypnotic/inhalation-based anesthesia. USAA 400 1, USUHS, 1997.  
 Recovery after general anesthesia with remifentanyl HCl v. Hypnotic based fentanyl in patients undergoing outpatient laparoscopic gynecologic surgery. USAA3134, USUHS, 1997.  
 Comparison of ondansetron and droperidol in the prevention of postoperative nausea and vomiting. J. Cavanaugh, co-investigator. Des Moines General Hospital, 1994.  
 Lumbar support and prevention of postoperative back pain. R. Cropp, co-investigator. DMGH, 1994.  
 Effect of intraoperative music on postoperative pain and anxiety. P. Sladky, co-investigator. DMGH, 1993  
 Comparison of intravenous and topically administered lidocaine in the prevention of postoperative sore throat. R. Hulett, co-investigator. DMGH, 1993.  
 Comparison of methods of prevention of intraoperative hypothermia. D. Cooper, co-investigator. DMGH, 1992.  
 Personality and addiction tendency: An initial comparison of graduate students of nursing and nurse anesthesia. Drake University, 1989.  
Thesis Research Committees Chaired  
 (Master of Science in Nursing, GSN, USUHS)  
 Woods, R (1998). Double blind, placebo controlled study of acupressure to prevent postoperative



nausea and vomiting.

J. Shrader J., (1998). Double blind, placebo controlled study of oral magnesium as an adjunctive treatment for chronic pain.

Ricks, A. (1998). Comparing sedation of pediatric patients for radiological procedures.

Koonce, B. (1998). Compliance of anesthesia providers with universal precautions.

Killpack, J. (1998). Cost analysis of induction agents for outpatient anesthesia.

Buray, M. (1998). Noise and relationship to comfort in Recovery Room.

Moseley, G. (1997). Psychomotor functioning: Comparing remifentanyl and fentanyl anesthetics.

Grasso, D. (1997). The relationship between Army CRNA job satisfaction and anticipated turnover.

Strand, K. (1996). *In vitro* determination of bicarbonate dosage to alkalinize local anesthetics to physiological pH.

Stamps, D. (1996). The relationship between Air Force anesthesia providers' satisfaction and anticipated turnover.

Rayos, C. (1996). Availability of pain management services in Air Force facilities and the role of the CRNA in these services.

Cutbush, C. 1996. The effect of epidural narcotics on the first and second stages of labor.

Swanagin, S. (1995). Effectiveness of oxygen delivery methods during transport to PACU.

Martineau, M. (1995). Practices of CRNAs in the Indian Health Service.

Bruening, W. (1995). Use of stethoscopes as intraoperative monitoring.

Moore, J. (1995). Patients' knowledge of who administered their anesthetic.

(Master of Science in Nurse Anesthesia, Mount Marty College)

Cavanaugh, J. (1994). Comparison of ondansetron and droperidol in the prevention of postoperative nausea and vomiting

Cropp, R. (1994). Lumbar support and prevention of postoperative back pain.

Sladky, P. (1994). Effect of intraoperative music on postoperative pain and anxiety.

Hulett, R. (1994). Comparison of intravenous and topically administered lidocaine in the prevention of postoperative sore throat.

Welch, T. (1994). Postoperative hypothermia: A retrospective study.

Toycin, D. (1994). Effect of envelope manipulation on survey response rates.

Cooper, D. (1993). Comparison of methods of prevention of intraoperative hypothermia.

Potter, J. (1992). A study of nurse anesthesia manpower needs in Iowa.

#### Major Educational Presentations (funded presentations, since 1990)

McCarthy, E., McDonough, J., Apatov, N., Hartgerink, A. (2018) September

*USUHS and the history of military nurse anesthesia education*. AANA, Boston, MA

McDonough, J. (2018) September

*Nurse Anesthesia: Our past, present & future*. ID-ANA, Kellogg, ID

Nestler, N., Osterbrink, J., McDonough, J. (2018) September

*Pain assessment in patients with dementia*. (poster) IASP World Congress. Boston, MA

McDonough, J. (2018) September

*General anesthesia without vapors or opioids*. University of Ludwigsburg, DE

McDonough, J. (2018) (July)

*Graduate education for advanced nursing practice*. PMU Salzburg, AT

McDonough, J. (2018) June

*General anesthesia without vapors or opioids*. (poster) IFNA World Congress. Budapest, HU

McDonough, J. (2018) May

*The DNP: Can it solve your provider shortage?* University of Gothenburg, SE



- McDonough, J. (2018) May  
*Statistics: What they will (and will not) tell you about quality.* PMU. Salzburg, AT
- McDonough, J. (2018)  
*The role of the APN (CRNA) as an anesthesia provider in the U.S.* Kensington University, London, UK
- McDonough, J. (2018) April  
*When is "profound block" indicated?* Hattiesburg, MS
- McDonough, J. (2018) March  
*New developments in NMBD reversal.* Shreveport, LA
- McDonough, J. (2018) March  
*Non-opioid pain treatment.* St. Petersburg, FL
- McDonough, J. (2018) March  
*Monitoring NMBD: How much is enough?* Ocala, FL
- McDonough, J. (2016) December  
*Result enhancement with multi-modal anesthesia.* Nurse anesthesia SIG. Daytona, FL
- McDonough, J. (2016) July  
*Less opioids promotes better outcomes.* MS Association of Nurse Anesthetists, Destin, FL
- McDonough, J. (2016) May  
*Pain management in patients with cardiac disease.* IPGE Conference. Las Vegas, NV
- McDonough, J. (2016) May  
*Pain management in total knee arthroplasty.* World Congress of Nurse Anesthetists, Glasgow, UK
- McDonough, J. (2016) March  
*Less opioids promotes better outcomes.* ID Association of Nurse Anesthetists, Boise, ID
- McDonough, J. (2016) March  
*Less opioids promotes better outcomes.* WA Association of Nurse Anesthetists, Seattle, WA
- McDonough, J. (2016) March  
*The role of APRNs in healthcare in the U.S.* PMU Institute for Nursing Science. Salzburg, AT
- McDonough, J. (2016) February  
*Quality of APRN care: A potential solution.* 12. Stuttgarter Intensivkongress. Stuttgart, Germany
- McDonough, J. (2015) December  
*Result enhancement with multi-modal anesthesia.* Nurse anesthesia SIG. New Orleans, LA
- McDonough, J. (2015) November  
*Pain modulation with multi-modal anesthesia.* IPGE Conference. Key West, FL
- McDonough, J. (2015) October  
*Translating nursing research to nursing practice.* PMU Institute for Nursing Science. Salzburg, AT
- McDonough, J. (2015) October  
*Opioid sparing perioperative management.* Georgia Association of Nurse Anesthetists. Savannah, GA
- McDonough, J. (2015) September  
*History and future of nurse anesthesia in the US.* University of Amsterdam, Amsterdam, NL
- McDonough, J. (2015) September  
*Anesthesia without vapors or opioids.* University of Gronigen. Gronigen, NL
- McDonough, J. (2015) August  
*Analgesia without opioids* American Assoc of Nurse Anesthetists, (satellite lect) Salt Lake City, UT
- McDonough, J. Osterbrink, J., Kutcher, P. (2015) June  
*Evaluating pain in demented patients.* ICN World Research Congress. Seoul, ROK
- McDonough, J. (2015) June  
*Evaluation and treatment of pain.* SC Association of Nurse Anesthetists. Myrtle Beach, SC
- McDonough, J. (2015) May  
*Graduate education for APRNs in the US.* International Patient Safety Symposium, Salzburg, AT
- McDonough, J. (2015) March

- Evaluation of the cardiac patient.* Annual Anesthesia Conference, University of Michigan, Flint
- McDonough, J. (2015) February  
*Centrally acting non-opioids.* Assembly of Anesthesia School Faculty (satellite lect), New Orleans, LA
- McDonough, J. (2015) February  
*Methods to disseminate research.* Paracelsus Medical University, Salzburg, AT
- McDonough, J. (2014) December  
*Multimodal approach to analgesia.* Birmingham Nurse Anesthesia Society, Birmingham, AL
- McDonough, J. (2014) September  
*Neuromuscular blocking drugs.* University of Belize. Belize City, Belize, CA
- McDonough, J. (2014) September  
*Analgesia without opioids* American Association of Nurse Anesthetists, (satellite lecture) Orlando, FL
- McDonough, J. (2014) August  
*Multi modal analgesia as a foundational treatment.* Rutgers University, Newark, NJ
- McDonough, J. (2014) April  
*Advanced practice nursing as a healthcare solution.* Paracelsus Medical University, Salzburg, AT
- McDonough, J. (2014) March  
*Pathophysiology of pain.* UNF Conference on Anesthesia Safety. Amelia Island, FL
- McDonough, J. (2014) March  
*Research methods in nursing.* Paracelsus Medical University, Salzburg, AT
- McDonough, J. (2014) February  
*The history and future of anesthesia nursing.* Old Dominion University, Norfolk, VA
- McDonough, J. (2014) January  
*Non-opioid anesthesia and analgesia.* National internet based live "webinar"
- McDonough, J. (2013) December  
*How can research drive pain treatment?* Paracelsus Medical University, Salzburg, AT
- McDonough, J. (2013) October  
*Opioid addiction in anesthesia specialists.* University of Amsterdam, Amsterdam, NL
- McDonough, J. (2013) September  
*Pain in the cardiac patient.* Nebraska Association of Nurse Anesthetists, Lincoln, NE
- McDonough, J. (2013) August  
*Applying the WHO ladder to acute pain.* American Association of Nurse Anesthetists, (satellite lecture) Las Vegas, NV
- McDonough, J. (2013) July  
*Quantitative research related to pain measurement.* Salzburg Nursing Conference. Salzburg, AT
- McDonough, J. (2013) April  
*Evaluation and management of pain across the life span.* ICN World Congress, Melbourne, AU
- McDonough, J. (2013) April  
*Evaluation and management of acute pain.* Indiana Association of Nurse Anesthetists. Indianapolis, IN
- McDonough, J. (2013) April  
*Multi-modal pain in practice.* Coast to Coast Anesthesia Seminars, St. Petersburg, FL
- McDonough, J. (2013) April  
*Multi-modal pain in practice.* Ohio Association of Nurse Anesthetists. Columbus, OH
- McDonough, J. (2013) April  
*Effective use of non-opioid analgesia.* Arizona Association of Nurse Anesthetists. Scottsdale, AZ
- McDonough, J. (2013) March  
*Effective use of non-opioid analgesia.* Pennsylvania Association of Nurse Anesthetists. Pittsburgh, PA
- McDonough, J. (2013) March  
*Multi-modal pain in practice.* UNF Conference on Anesthesia Safety. Amelia Island, FL



- McDonough, J. (2013) March  
*Interdisciplinary collaboration to improve patient safety.* Paracelsus Medical University Conference. Salzburg, Austria.
- McDonough, J. (2012) October  
*Graduate education as a driver of quality patient care.* University of Amsterdam Anesthesiology Conference. Amsterdam, the Netherlands.
- McDonough, J., (2012, October)  
*Pathophysiology as a driver of pain treatment.* Pennsylvania Association of Nurse Anesthetists. Bedford Springs, PA.
- McDonough, J., (2012, September)  
*Does academic education for nurses improve patient outcomes?* Bavarian Conference on Nursing Education. Stuttgart, DE
- McDonough, J., (2012, September)  
*Non-opioid pain therapy.* Kentucky Association of Nurse Anesthetists. Louisville, KY
- McDonough, J., (2012, September)  
*Pain evaluation in the cardiac patient after non-cardiac surgery.* Massachusetts Association of Nurse Anesthetists. Plymouth, MA
- McDonough, J., (2012, August)  
*Multimodal pain management in the acute patient.* American Association of Nurse Anesthetists, San Francisco, CA.
- McDonough, J., Loriz, L., Osterbrink, J. (2012, July)  
*Multimodal pain management across the lifespan.* Workshop at STTI World Nursing Research Conference. Brisbane, AU
- McDonough, J., (2012, May)  
*International Exchanges: Their value in nurse anesthesia education.* IFNA World Congress. Ljubjana, Slovenia.
- McDonough, J., (2012, May)  
*Pain Management Programs: What are appropriate goals?* University of Amsterdam Anesthesia Conference. Amsterdam, the Netherlands.
- McDonough, J., (2012, April)  
*Non-opioid, non-NSAID options for acute postoperative pain.* District of Columbia Association of Nursing Anesthetists. Arlington, VA.
- McDonough, J., (2012, March)  
*Improvement of patient outcomes associated with specialty nursing education.* University of Regensburg, Southern Germany Clinical Nursing Conference.
- McDonough, J., (2012, March).  
*How the concept of the "Pain Nurse" improves outcome.* Pain Nurse Course. University Clinic of Münster, Germany.
- McDonough, J., (2011, September)  
*The graduate education required to prepare Advanced Practice Nurses.* University of Amsterdam Anesthesia Conference. Amsterdam, the Netherlands.
- McDonough, J. (2011, September)  
*Post operative pain management in the elderly: Does cognitive status matter?* European Society of Regional Anesthesia. Dresden, Germany.
- McDonough, J. (2011, September)  
*Anesthesia and pain management as a nursing specialty.* AMC, University of Amsterdam. Amsterdam, The Netherlands.
- McDonough, J. (2011, August)



- Multimodal pain therapy: Is narcotic sparing really possible?* (satellite lecture) American Association of Nurse Anesthetists, Boston, MA
- McDonough, J. (2011, June)
- Multimodal pain therapy: How is it actually done?* North Illinois Anes Conference, Skokie, IL
- McDonough, J. (2011, June)
- Non-opioid analgesia: Contemporary concepts.* North Alabama Anes Conference. Birmingham, AL
- McDonough, J. (2011, April) *Academic preparation for nursing: Why is it crucial?* Deutscher Berufsverband für Pflegeberufe (German Society for Nursing) Dusseldorf, Germany.
- McDonough, J. (2011, January)
- Cardiovascular evaluation of preoperative patients. FANA. Orlando, FL.
- McDonough, J. (2010, December)
- CRNAs und deren Tätigkeit im amerikanischen Gesundheitswesen.* (The role of the CRNA in the US Healthcare System) Deutsche Interdisziplinäre Vereinigung für Intensiv- und Notfallmedizin. (German Interdisciplinary Society for Intensive and Emergency Medicine) Hannover, Germany.
- McDonough, J. (2010, October)
- Multimodal Pain management.* International Transplant Nurses Society World Congress. Minneapolis, MN
- McDonough, J. (2010, September)
- Ansprüche an die akademische Bildung zu Advanced Practice Nurses. *The graduate education required to prepare Advanced Practice Nurses.* Deutsche Gesellschaft für Fachkrankenpflege (German Society of Nurse Specialists) Stuttgart, Germany
- McDonough, J. (2010, May)
- Akademische pflegerische Weiterbildungsstrukturen: amerikanische Perspektiven zur Sicherung des Fachkräftenachwuchses* (Academic graduate education for nurses: The American perspective on securing the future of advanced practice) Deutscher Pflegekongress (German Nursing Congress), Berlin
- McDonough, J. (2010, May)
- Academic preparation of ARNPs in the US.*, Medical University of Innsbruck Anesthesiology Conference, Austria
- McDonough, J. (2010, January)
- Evaluation and management of pain.* Florida Association of Nurse Anesthetists. Orlando, FL.
- McDonough, J. (2009 October)
- Objectives of translational research. PMU, Salzburg, Austria.
- McDonough, J. (2009, October)
- Effective analgesia and sustained strength associated with femoral nerve sheath infusion with fentanyl in total knee replacement.* European Society of Regional Anesthesia Congress. Salzburg, Austria.
- McDonough, J. (2009, May)
- Dementia: A growing drain on the U.S. healthcare system* National Dementia Symposium, PMU, Salzburg, Austria
- McDonough, J. (2009, May)
- Advanced practice nursing: Effects on improving patient care* Florence Nightingale Keynote Lecture, Austrian Day of Nursing, Salzburg, Austria
- McDonough, J. (2009, January)
- Anesthesia and trauma: A multisystem approach.* Florida Assoc. of Nurse Anesthetists, Orlando, FL.
- McDonough, J. (2009, January)
- Case management: Improving patient care through coordination.* Salzburg, AT
- McDonough, J. (2008, October)
- The scientific method: An essential component of nursing education.* Salzburg, Austria
- McDonough, J. (2008, July)

*A graduate curriculum to prepare nurse anesthetists.* St. Luke's College of Nursing, Tokyo, Japan  
*The role of the CRNA in the US healthcare system.* St. Luke's International Medical Center, Tokyo, Japan

- McDonough, J. (2008, June)  
*Psychiatric conditions: Effect on pain evaluation and management.* Paracelsus Medical University, Salzburg, Austria.
- McDonough, J. (2008, June)  
*The role distant education in international nursing education.* Glasgow Caledonian University, Glasgow, Scotland, UK
- McDonough, J. (2008, June)  
*Hypertension and tachycardia: Prevention and treatment during anesthesia*  
*Medical errors: Causes and cures.* California Association of Nurse Anesthetists, San Diego, CA
- McDonough, J. (2008, April)  
*Addiction in nurse anesthesia: Current status of the problem.* DC Association of Nurse Anesthetists, Washington, DC
- McDonough, J. (2007, October)  
*Health Disparities Related to Culture: A Nursing Perspective.* Symposium on Cultural Diversity. Paracelsus Medical University, Salzburg, AT.
- McDonough, J. (2007, October)  
*The roll of the CRNA in pain treatment in the USA.* German Pain Congress. Berlin, Germany
- McDonough, J. (2007, July)  
*Influence of a Breathing Technique on Postoperative Incision Pain.* Sigma Theta Tau International Nursing Research Conference, Vienna, Austria.
- McDonough, J. (2007, June)  
*The diagnosis of cardiac disease in the preoperative patient.* California Association of Nurse Anesthetists, San Diego, CA
- McDonough, J. (2007, April)  
*The diagnosis or cardiac disease in the preoperative patient*  
*Pain management: Why is it so important in cardiac patients?*  
 Premiere Anesthesia Seminars, Acapulco, MX
- McDonough, J. (2007, April)  
*Nurse anesthesia as a profession: Where have been and where are we now?* DC Association of Nurse Anesthetists, Washington, DC
- McDonough, J. (2007, March)  
*Anesthesia for cardiac patients for non-cardiac surgery.* NV Assoc of Nurse Anesthetists, Las Vegas, NV
- McDonough, J. (2007, March)  
*Addiction in anesthesiology.* Nurse Anesthesia Faculty Associates Conference, Orlando, FL
- McDonough, J. (2007, February)  
*Pain and the ramifications of management.* Florida Association of Nurse Anesthetists, Orlando, FL
- McDonough, J. (2006, October)  
*Community-based nursing in the US health care system: The role of advanced practice nurses*  
 Ernst Moritz Arndt Universität, Greifswald, Germany
- McDonough, J. (2006, August)  
*A Vision Realized: The vital link between past and present.* American Association of Nurse Anesthetists, 75th Anniversary Meeting, Cleveland, OH
- McDonough, J. (2006, July)  
*Acute and chronic pain management.* Montana Association of Nurse Anesthetists, Billings, MT
- McDonough, J. (2006, June)



*Risk stratification for potential postoperative complications.* Greater Washington Anesthesia Interest Group, Washington, DC

- McDonough, J. (2006, June)  
*Barriers to the use Regional Anesthesia and Analgesia (poster).* 8<sup>th</sup> World Congress of Nurse Anesthetists, Lausanne, CH
- McDonough, J. (2006, June)  
*Risk stratification for potential postoperative complications*  
*Establishing an acute pain treatment program in a community hospital setting*  
*Management of chronic pain*  
 Premier Anesthesia Seminars, Barcelona, Spain
- McDonough, J. (2006, May)  
*Prevention of peri-anesthetic nausea and vomiting.* North Carolina Association of Nurse Anesthetists, Charlotte, NC
- McDonough, J. (2006, April)  
*Medical errors: Causes and cures.* DC Association of Nurse Anesthetists, Anesthesia Safety Conference, Washington, DC
- McDonough, J. (2006, March)  
*Prevention and treatment of common perioperative complications.* Virginia Association of Nurse Anesthetists, Richmond, VA
- McDonough, J. (2006, February)  
*Prevention and treatment of common perioperative complications.* Florida Association of Nurse Anesthetists, Orlando, FL
- McDonough, J. (2005, November)  
*Establishing an acute pain treatment program in a community hospital setting*  
*Management of chronic pain*  
 Arizona Association of Nurse Anesthetists, Scottsdale, AZ
- McDonough, J. (2005, October)  
*Medical errors: Causes and cures*  
*Evaluation of cardiac disease in patients for non-cardiac surgery*  
 New Mexico Association of Nurse Anesthetists, Albuquerque, NM
- McDonough, J. (2005, October)  
*Prevention of perioperative complications.* Florida Association of Nurse Anesthetists, Jacksonville, FL
- McDonough, J. (2005, September)  
*Prevention of perioperative complications.* Illinois Association of Perianesthetic Nurses, Peoria, IL
- McDonough, J. (2005, September)  
*The effect of DRGs on nurse managers: 25 years of US experience. Die Auswirkungen von DRGs auf das Pflegemanagement: 25 Jahre Erfahrung aus den USA.*  
 Internationale Konferenz Pflege und Pflegewissenschaft (IKPP) (Trans: International Congress for Nursing and Nursing Science)
- McDonough, J. (2005, August)  
*Multidisciplinary approaches in prevention of perianesthetic complication.* American Association of Nurse Anesthetists Annual Meeting, Washington, DC
- McDonough, J. (2005, June)  
*Anästhesiepflege in den USA – Ein Modell für die Anästhesiepflege in Europa? (Trans. Nurse Anesthetists in the USA: A Model for Nurse Anesthetists in Europe?)* Europäischer Anästhesiepflegekongress, D-Weimar (2nd European Nurse Anesthesia Congress, Weimar, Germany)
- McDonough, J. (2005, 2005, June)



*Role of the nurse anesthetist in pain treatment in the US. "Pain Nurse" specialty course. Uni-Klinik  
Nürnberg, Germany*

- McDonough, J. (2005, April)  
*Risk stratification for potential postoperative complications.* DC Association of Nurse Anesthetists,  
Anesthesia Safety Conference, Washington, DC
- McDonough, J. (2004, December)  
*The anesthetic management of cardiac patients for non-cardiac surgery*  
*Management of acute postoperative pain.*  
Nevada Association of Nurse Anesthetists, Las Vegas, NV
- McDonough, J. (2004, November)  
*CRNAs und deren Tätigkeit im amerikanischen Gesundheitswesen* (trans: The role of CRNAs in the  
American healthcare system.)  
*Der neue deutsche nationale „Expertenstandard“ zur Behandlung von Schmerz* (Trans: The new  
German national "expert standard" for the treatment of pain)  
Deutsche Gesellschaft für Fachpflege (German Society of Nursing Specialties) Hanover Germany
- McDonough, J. (2004, October)  
*Pflegewissenschaft als Praxisdisziplin aus dem Blickwinkel der USA (Insbesondere: Die Rolle von*  
*"Nursing Science" und "Nurse Specialists" in einem neuen Gesundheitsfürsorgemodell)* (Trans:  
Nursing science as a practical foundation practice [Specifically: The role of nursing science and nurse  
specialists in a new healthcare system] )  
Europäischer Pflegekongress (European Nursing Congress) Munich, Germany
- McDonough, J. (2004, September)  
*Chronic vs. acute pain: What are the differences?*  
*Pain and its effect on cardiac physiology*  
Nebraska Association of Nurse Anesthetists, Lincoln, NE
- McDonough, J. (2004, August)  
*Pain treatment: Preoperative and postoperative considerations*  
North Carolina Association of Nurse Anesthetists, Wilmington, NC
- McDonough, J. (2004, August)  
*Increasing postop laparoscopy patient satisfaction.* American Association of Nurse Anesthetists,  
(satellite lecture) Seattle, WA
- McDonough, J. (2004, June)  
*Nurses' roles in the new DRG system.* Hill-Rom Nursing Education Conference, Bad Sulza, Germany
- McDonough, J. (2004, May)  
*Evaluation and management of acute postoperative pain*  
*Blood pressure control during surgery*  
*Surgical care of patients with cardiac disease*  
Institute for Post-Graduate Education Series, La Vegas, NV
- McDonough, J. (2004, April)  
*Prevention of postoperative nausea*  
*Anesthesia for chemical and biological casualties*  
DC Association of Nurse Anesthetists, Anesthesia Safety Conference. Washington, DC
- McDonough, J. (2004, March)  
*Cardiac evaluation of the preoperative patient*  
*Management of blood pressure during the perioperative period*  
Coast to Coast Anesthesia Seminars, St. Martin, NA
- McDonough, J. (2004, February)

*Neuromuscular blocking drugs: contemporary uses and safety.* Florida Association of Nurse Anesthetists, Ocala, FL

- McDonough, J. (2004, January)  
*Prevention of medical errors*  
*Acute and chronic pain management*  
 Institute for Post-Graduate Education Series, St. Thomas, USVI
- McDonough, J. (2003, October)  
*Role of the nurse anesthetist: Future directions for healthcare in Belgium.* Universitaire Ziekenhuizen, Catholic University of Leuven, Belgium
- McDonough, J. (2003, August)  
 Presiding Officer, Session on trauma anesthesia  
*Pain in the trauma patient.* American Association of Nurse Anesthetists Annual Meeting, Boston, MA
- McDonough, J. (2003, July)  
*Regional anesthesia in pain management*  
*Control of hypertension in the perioperative period*  
 Massachusetts Review Conference, Falmouth, MA
- McDonough, J. (2003, April)  
*Pharmacoeconomic of PONV.* American Society of Peri-anesthesia Nurses National Conference, Albuquerque, NM
- McDonough, J. (2003, April)  
*Anesthesia for chemical and biological injury patients*  
*Management of acute pain*  
 Northwest Anesthesia Seminars, Miami, FL
- McDonough, J. (2003, April)  
*Prevention of medical errors*  
*Infectious disease and anesthesia,* Institute for Post-Graduate Education Series, Charleston, SC
- McDonough, J. (2003, January)  
*Pathophysiology of pain.* Pain Management Conference, Uni-Klinik Nürnberg, Germany
- McDonough, J. (2003, January)  
*Role of the nurse anesthetist in the US healthcare system.* Universität Witten/Herrdecke, Germany
- McDonough, J. (2003, January)  
*Role of the nurse anesthetist in the US healthcare system.* Catholic University of Leuven, Belgium
- McDonough, J. (2003, January)  
*Prevention of medical errors*  
*Anesthesia for chemical and biological injury patients*  
 Nevada Association of Nurse Anesthetists, Lake Tahoe, NV
- McDonough, J. (2002, October)  
*Anesthesia for chemical and biological injury patients*  
*Management of acute pain*  
*Evaluation of the cardiac patient for non-cardiac surgery*  
 Kansas Association of Nurse Anesthetists Educational Conference, Wichita, KS
- McDonough, J. (2002, October)  
*New options in PONV prevention and treatment*  
*Anesthesia for chemical and biological injury patients*  
 California Association of Nurse Anesthetists Educational Conference, Pasadena, CA
- McDonough, J. (2002, October)  
*Cardiovascular pharmacology*

- Florida Association of Nurse Anesthetists Educational Conference, Sarasota, FL
- McDonough, J. (2002, June)  
*Anesthesia for chemical and biological injury patients*  
*Management of chronic pain*  
*Evaluation of the cardiac patient for non-cardiac surgery*  
Institute for Post-Graduate Education Series, Orlando, FL
- McDonough, J. (2002, June)  
*Reduction of medical errors*  
*Prevention and treatment of PONV*  
Florida Association of Nurse Anesthetists Educational Conference, Sanibel, FL
- McDonough, J. (2002, April)  
*Anesthesia for chemical and biological injury patients*  
*Addiction in anesthesia providers*  
Cherry Blossom Anesthesia Conference, Washington, DC
- McDonough, J. (2002, March)  
*Anesthesia for chemical and biological injury patients*  
*Evaluation of the cardiac patient for non-cardiac surgery*  
Coast to Coast Anesthesia Seminars, Cozumel, MX
- McDonough, J. (2002, January)  
*Management of chronic pain*  
*Evaluation of the cardiac patient for non-cardiac surgery*  
Northwest Anesthesia Seminars, Las Vegas
- McDonough, J. (2002, January)  
*Rational approach to NMBDs.* Florida Association of Nurse Anesthetists Educational Conference,  
Daytona Beach, FL
- McDonough, J. (2001, October)  
*Evaluation of the cardiac patient*  
*Addiction in anesthesia providers*  
*Management of chemical & biological casualties*  
Coast to Coast Anesthesia Seminars, Vail, CO
- McDonough, J. (2001, September)  
*Management of chemical & biological casualties*  
*Prevention & treatment of PONV*  
*Regional anesthesia in pain management*  
Florida Association of Nurse Anesthetists Educational Conference, Palm Beach, FL
- McDonough, J. (2001, June)  
*Control of blood pressure during surgery*  
*Anesthesia care of chemical and biological injuries*  
*Non-pharmacological treatment of pain*  
Northwest Anesthesia Seminars, Montreal, Canada
- McDonough, J. (2001, June)  
Florida Association of Nurse Anesthetists Educational Conference, Naples, FL  
*Recognition of domestic abuse*  
*Cardiac evaluation of the preop patient*  
Florida Association of Nurse Anesthetists Educational Conference, Naples, FL
- McDonough, J. (2001, June)  
*Management of chronic pain*  
*Addiction in anesthesia providers*  
*Anesthesia care of chemical and biological casualties*



- Northwest Anesthesia Seminars, Key West, FL  
McDonough, J. (2001, April)  
*HIV and anesthesia*  
*Cardiac evaluation*  
*Management of acute pain*  
Northwest Anesthesia Seminars, Washington, DC  
McDonough, J. (2001, March)  
*Evaluation and treatment of pain*  
*Cardiac evaluation of the preop patient*  
*Management of hypertension*  
Northwest Anesthesia Seminars, Panama City, FL  
McDonough, J. (2001, March)  
*Prevention and treatment of PONV*  
*Addiction in anesthesia providers*  
New England Assembly of Nurse Anesthetists, Nashua, NH  
McDonough, J. (2001, March)  
*Prevention and treatment of PONV*  
*Anesthesia care of chemical and biological casualties*  
Utah Association of Nurse Anesthetists, Salt Lake City, UT  
McDonough, J. (2001, January)  
*Evaluation of the cardiac patient*  
*Control of blood pressure*  
*EKG evaluation in preop patients*  
Northwest Anesthesia Seminars, Lake Tahoe, NV  
McDonough, J. (2000, October)  
*Evaluation of the cardiac patient*  
*HIV disease and anesthesia implications*  
*Recognition of domestic abuse*  
*Addiction and personality in anesthesia providers*  
Florida Association of Nurse Anesthetists Educational Conference, St Petersburg, FL  
McDonough, J. (2000, October)  
*Evaluation of the cardiac patient*  
*Control of hypertension*  
*Interpretation of the preoperative EKG*  
Coast to Coast Anesthesia Seminars, Plymouth, MA  
McDonough, J. (2000, April)  
*HIV disease and anesthesia implications*  
*Rapacuronium: What is the role its role in anesthesia practice today?*  
Cherry Blossom Anesthesia Conference, Washington, DC  
McDonough, J. (2000, May)  
*Nonpharmacological treatment of pain*. International Trauma Anesthesia & Critical Care Society, World  
Conference, Mainz, Germany  
McDonough, J. (2000, January)  
*Management of acute & chronic pain*  
*Intrathecal analgesia in obstetrics*  
*Nonpharmacological treatment of pain*  
Institute for Post Graduate Education, Lake Tahoe, NV  
McDonough, J. (2000, January)  
*Management of acute postoperative pain*

- Intrathecal analgesia in obstetrics*  
*Nonpharmacological treatment of pain*  
*Anesthesiology and addiction*  
 Coast to Coast Anesthesia Seminars, Las Vegas, NV
- McDonough, J. (2000, January)  
*Recognition of domestic violence.* Florida Association of Nurse Anesthetists, Daytona Beach, FL
- McDonough, J. (1999, October)  
*Management of acute postoperative pain*  
*Evaluation of chronic pain*  
 Coast to Coast Anesthesia Seminars, Plymouth, MA
- McDonough, J. (1999, September)  
*Anesthesia implication of chemical & biological injuries*  
*Anesthesia providers to substance abusing patients: A comparison of traits*  
 South Dakota Association of Nurse Anesthetists, Sioux Falls SD
- McDonough, J. (1999, June)  
*Recognition of domestic violence*  
*Addition in anesthetists*  
 Florida Association of Nurse Anesthetists, Sanibel, FL
- McDonough, J. (1999, June)  
*New narcotics in anesthesia*  
*Anesthesia concerns in HIV & other infectious diseases*  
 Coast to Coast Anesthesia Seminars, San Francisco, CA
- McDonough, J. (1999, May)  
*Regional anesthesia techniques in pain management*  
*Behavioral evaluation of pain patients*  
*Management of acute postoperative pain*  
*Anesthesia in HIV & other infectious diseases*  
 Institute for Post-Graduate Education Series, Las Vegas, NV
- McDonough, J. (1999, March)  
*Anesthesia in HIV & other infectious diseases*  
*Preanesthesia evaluation of the cardiac patient*  
*Nonpharmacologic treatment of pain*  
*Anesthesia implication of chemical & biological injuries*  
 DC Association of Nurse Anesthetists, Washington, DC
- McDonough, J. (1999, March)  
*Prevention and treatment of PONV using 5HT<sub>3</sub> blockade*  
*Anesthesia providers to substance abusing patients: A comparison of traits*  
 Utah Association of Nurse Anesthetists, Salt Lake City, UT
- McDonough, J. (1999, February)  
*Nonpharmacological treatment of pain*  
*Spinal and epidural narcotics*  
*Anesthesia for childbirth*  
 Institute for Post-Graduate Education Series, Puerto Vallarta, Mexico
- McDonough, J. (1998, October)  
*American universities and their relation to venture capital (Trans)*  
*Amerikanische Universitäten und ihr verhältnis zu venture Kapital*  
 Universität Frankfurt, Frankfurt, Germany
- McDonough, J. (1998, August)  
*Evaluation of the CV system in perioperative patients*

*Treatment of acute and chronic pain*  
Arrowhead Region Anesthesia Conference, Duluth, MN

- McDonough, J. (1998, August)  
*Personality and addiction tendency: Comparing students to substance abuse patients.* AANA Annual Meeting, Nashville, TN
- McDonough, J. (1998, May)  
*Personality and addictive tendency: A comparative study*  
*Hypnosis as pain treatment*  
New Jazz in Anesthesia, NW Anesthesia Seminars, New Orleans, LA
- McDonough, J. (1998, April)  
*Anesthesia for patients with biological & chemical injuries (trans)*  
*Anästhesie bei Patienten mit Verletzungen nach biologischen und chemischen Ereignissen.*  
(XXXii. Internationaler Kongress für Wehrmedizin, Wien, Österreich)  
32<sup>nd</sup> International Congress for Military Medicine, Vienna, Austria (trans)
- McDonough, J. (1998, April)  
*Alternative methods of pain treatment.* DC ANA Cherry Blossom Conference on Anesthesia Safety, Arlington, VA
- McDonough, J. (1998, March)  
*New narcotics in anesthesia practice*  
*Evaluation and management of pain*  
*HIV and infectious disease in anesthesia*  
Utah Association of Nurse Anesthetists, Salt Lake City, UT
- McDonough, J. (1997, October)  
*Evaluation and management of pain*  
*Regional anesthesia techniques used in pain management*  
*Non-pharmacological pain treatment*  
*Intrathecal analgesia in obstetrics*  
New Mexico Association of Nurse Anesthetists, Albuquerque, NM
- McDonough, J. (1997, September)  
*Assessment of pain: acute & chronic*  
*Non-pharmacological methods of pain management*  
*Spinal & epidural opioids in obstetrical anesthesia*  
Institute for Post-Graduate Education Series, Kiawah Island, SC
- McDonough, J. (1997, August)  
*Ester hydrolyzed narcotics in anesthesia*  
*Addiction in the anesthesia provider*  
Arrowhead Region Anesthesia Conference, Duluth, MN
- McDonough, J. (1997, July)  
*Anesthesia for cardiac patients for non-cardiac surgery*  
*Infection control: HIV and anesthesia*  
*Addiction in the anesthesia provider*  
*Hypnosis: It's place in anesthesia practice*  
Anesthesia Update Series, Padre Island, TX
- McDonough, J. (1997, July)  
*Remifentanyl: Implications of ultra-short acting narcotics*  
*Prevention and treatment of PONV*



*Addiction in the anesthesia provider*  
 Encore Symposium, Glacier Park, MT

McDonough, J. (1997, July)

*Addiction in the anesthesia provider*  
*Assessment of pain: physical & psychological*  
*Controversies in anesthesia for cardiac surgery*  
*Infectious disease and anesthesia practice*  
 Anesthesia Update, Falmouth, MA

McDonough, J. (1997, June)

*Infectious Disease (HIV & hepatitis) in anesthesia*  
*Evaluation of the cardiac patient*  
*Hypnosis and other alternative methods of pain management*  
*Addiction and its relation to personality in anesthesia providers*  
 NW Anesthesia Seminars, Key Largo, FL

McDonough, J. (1997, April)

*The non-pharmacologic treatment of pain*  
 World Congress of Nurse Anesthetists, Vienna, Austria

McDonough, J. (1997, April)

*(Austrian Ministry of Defense, Surgeon General Guest Lecture, Austrian Army Hospital, Vienna)[trans]*  
*Nichtmedikamentöse Schmerztherapie.*  
*(The treatment of pain without medication) [trans]*  
 Abteilung Sanitätswesen, Bundesministerium für Landesverteidigung, Österreich

McDonough, J. (1997, April)

*The nonpharmacologic treatment of pain.* DCANA Cherry Blossom Anesthesia Conference,  
 Washington, DC

McDonough, J. (1997, April)

*Uses of neuromuscular blocking drugs*  
*Evaluation and management of patients with cardiovascular disease*  
 Dannemiller Anesthesia Educational Foundation, San Antonio, TX

McDonough, J. (1997, March)

*Addiction in anesthesia specialists*  
 Bowman Gray School of Medicine, Wake Forest University, Visiting Professor Lecture

McDonough, J. (1996, November)

Keynotes in Anesthesia, Key West, FL 11/96  
*Evaluation of the cardiovascular patient*  
*Evaluation and management of pain*  
*Psychological factors effecting pain*  
*Regional anesthesia update*  
 Keynotes in Anesthesia, Key West, FL

McDonough, J. (1996, October)

*Addiction in anesthesia providers*  
*Spinal and epidural narcotics in pain*  
 Oregon Association of Nurse Anesthetists, Eugene, OR

McDonough, J. (1996, August)

*Newer concepts in neuromuscular blocking agents*  
*Management of acute and chronic pain*  
*Prevention and treatment of postoperative nausea*

- Northwest Anesthesia Seminars, San Francisco, CA
- McDonough, J. (1996, August)  
*Spinal and epidural narcotics in obstetrics*  
American Association of Nurse Anesthetists Annual Meeting, Philadelphia, PA
- McDonough, J. (1996, June)  
*Chronic pain management*  
*Psychological factors in acute and chronic pain*  
Northwest Anesthesia Seminars, Washington, DC
- McDonough, J. (1996, May)  
*New concepts in neuromuscular blockade*  
*Addiction in anesthesia providers.* Utah Association of Nurse Anesthetists, Salt Lake City, UT
- McDonough, J. (1996, May)  
*Addiction in anesthesia providers.* University of Maryland, Shock Trauma Center
- McDonough, J. (1996, February)  
*Addiction and personality in anesthesia providers*  
*Evaluation and management of pain*  
*Hypnosis as an adjunct to anesthesia care*  
*Prevention and treatment of PONV*  
*HIV update*  
Northwest Anesthesia Seminars, Cancun, Mexico
- McDonough, J. (1996, January)  
*Evaluation and management of acute and chronic pain*  
*Prevention and treatment of PONV*  
Anesthesia Seminars, Breckenridge, CO
- McDonough, J. (1996, January)  
*Evaluation and management of acute and chronic pain*  
*Prevention and treatment of PONV*  
Encore Anesthesia Seminars, Park City, UT
- McDonough, J. (1995, September)  
*Examination and assessment of the cardiovascular system*  
*Use drugs affecting the cardiovascular system*  
Wisconsin Association of Nurse Anesthetists
- McDonough, J. (1995, August)  
*Workshop on spinal and epidural anesthesia.* American Association of Nurse Anesthetists, National Meeting, Minneapolis, MN
- McDonough, J. (1995, July)  
*Hypnosis in anesthesia practice*  
*Addiction in health care providers*  
*Evaluation and treatment of acute pain*  
Northwest Anesthesia Seminars, Myrtle Beach, SC
- McDonough, J. (1995, May)  
*Clinical evaluation of pain*  
*Psychological evaluation of pain*  
*Treatment of chronic pain*  
*HIV and other infectious disease hazards in anesthesia practice*  
*Addiction theory related to health care providers*  
Northwest Anesthesia Seminars, St. Petersburg, FL
- McDonough, J. (1995, May)  
*Diagnosis and prevention of addiction in anesthesia providers*  
*Prevention and treatment of postoperative nausea and vomiting*

- South Dakota Association of Nurse Anesthetists, Rapid City, SD
- McDonough, J. (1995, May)  
*Use of serotonin blockade in treating nausea after surgery.* Alabama Association of Nurse Anesthetists, Sandestin, FL
- McDonough, J. (1995, April)  
*Prevention and treatment of post anesthesia nausea.* Wisconsin Association of Nurse Anesthetists, Spring Pharmacology Conference, Madison, WI
- McDonough, J. (1995, March)  
*Role of serotonin blockade in postoperative care.* Chicago Society of Nurse Anesthetists, Chicago, IL
- McDonough, J. (1995, January)  
*Causes & treatment of postoperative nausea.* Madigan Army Medical Center, Tacoma, WA
- McDonough, J. (1995, January)  
*New approaches to the prevention & treatment of postoperative vomiting.* El Paso Area Association of Nurse Anesthetists, El Paso, TX
- McDonough, J. (1995, January)  
*The use of serotonin blockade in the treatment of postoperative nausea.* Southern Illinois Association of Nurse Anesthetists, Mt. Vernon, IL
- McDonough, J. (1994, December)  
*Prevention and treatment of postoperative nausea and vomiting.* St Louis Area Nurse Anesthesia Meeting, St. Louis, MO
- McDonough, J. (1994, October)  
*Use of 5HT<sub>3</sub> blockers in the perioperative patient.* Minnesota Association of Nurse Anesthetists, Minneapolis, MN
- McDonough, J. (1994, October)  
*Prevention and treatment of postoperative nausea and vomiting.* Houston Area PACU Nurses Association, Houston, TX
- McDonough, J. (1994, July)  
Workshop instructor for spinal and epidural anesthesia and analgesia.  
American Association of Nurse Anesthetists Annual Meeting, Washington, DC
- McDonough, J. (1994, July)  
*Created CHE teleconference for national broadcast on the prevention and management of postoperative nausea.* Teleconference scheduled for periods from 10/94-5/95 to include approximately 200 anesthesia departments nationally. Annenberg Center, Palm Springs, CA
- McDonough, J. (1994, June)  
*Anesthesia and infectious diseases (HIV & HBV)*  
*Theories of addiction*  
*Evaluation and management of acute and chronic pain.*  
Northwest Anesthesia Seminars, Padre Island, TX
- McDonough, J. (1994, March)  
*Evaluation and management of pain*  
*Prevention of addiction in anesthesia providers.*  
DC Association of Anesthetists, Arlington, VA
- McDonough, J. ((1993, October)  
*Anesthesia member of a multidisciplinary program panel regarding the uses of antiemetic medications and their indications in surgical patients.* Glaxo Pharmaceuticals National Meeting, Dallas, TX
- McDonough, J. (1993, August)  
*Instructed at workshop on invasive monitoring and central line placement.* American Association of Nurse Anesthetists, National Meeting, San Francisco, CA
- McDonough, J. (1993, June)



*Evaluation of acute and chronic pain**Workshop on hypnosis techniques.*

American Association of Osteopathic Specialists National Meeting, New Orleans, LA

McDonough, J. (1993, April)

*Impaired anesthesia provider and hypnosis techniques.* DC Association of Nurse Anesthetists, Arlington, VA

McDonough, J. (1993, March)

*Regional anesthesia techniques to treat pain  
Addiction theory.*

TX Association of Nurse Anesthetists, San Antonio, TX

McDonough, J. (1992, May)

*Relationship between addiction and personality in anesthesia specialists.* American Dental Society of Anesthesiologists National Meeting, Fort Worth, TX

McDonough, J. (1992, February)

*Evaluation of pain  
Addiction theory*

*Claims of fraud and abuse.*

California Association of Nurse Anesthetists, Long Beach, CA

McDonough, J. (1991, March)

*Stress management.* Texas Association of Nurse Anesthetists, Ft Worth, TX

McDonough, J. (1990, August)

*Lectured and presented research results on personality and addiction.* American Association of Nurse Anesthetists, National Meeting, Atlanta, GA

McDonough, J. (1990, June)

*Pain management.*

Nurse Anesthesia Faculty Associates, National Meeting, Hilton Head, SC

McDonough, J. (1990, April)

*Personality and addiction.* Emory University Research Symposium on Impaired Nurses, Atlanta

**Volunteer Professional/Community Service**

Florida Board of Nursing, Chair, Probable Cause Panel

Florida Association of Nurse Anesthetists, President (2016-2017)

Florida Association of Nurse Anesthetists, President-Elect (2015-2016)

Florida Association of Nurse Anesthetists, President (former)

District of Columbia Association of Nurse Anesthetists, Former President & Vice President

Iowa Association of Nurse Anesthetists

Formerly, Chair Government Relations and Impaired Provider Committees, President, Vice-President, Chair, Education Committee.

Iowa Board of Nursing

Formerly, member, Advanced Practice Nursing Committee and consultant on nurse anesthesia affairs, chair of the task force (anesthesia) on legislative rules construction to implement advanced practice nursing in Iowa.

Governor's (Iowa) Health Care Reform Council

Former member, Committee of Health Law and Legal Barriers, Subcommittee on Anti-trust Issues

Des Moines General Hospital (former)

Member, Corporate Board, Des Moines General Hospital Company

Member, Intern & Resident Training Committee, Intensive Care Committee,

Transfusion Committee, Resuscitation Committee

Licensure, Certifications & Additional Training (certificate numbers available on request)

State of Florida

Registered Nurse & Advanced Practice Registered (Nurse Anesthetist)

State of Maryland (inactive)

Registered Nurse & Advanced Practice Registered (Nurse Anesthetist)

Commonwealth of Virginia (inactive)

Registered Nurse & Advanced Practice Registered Nurse (Nurse Anesthetist)

District of Columbia (inactive)

Registered Nurse & Advanced Practice Registered Nurse (Nurse Anesthetist)

State of Iowa (inactive)

Registered Nurse & Advanced Registered Nurse Practitioner (Nurse Anesthetist)

AANA, Council on Certification, Certified Registered Nurse Anesthetist

American Board of Medical Psychotherapy

Diplomate & Fellow

Advanced Cardiac Life Support

Pediatric Life Support

Advanced Trauma Life Support

Avocations

Sailing (USCG Merchant Mariner Credential: "Master of steam, motor and auxiliary sail vessels up to 50 tons, [domestic] including commercial towing assistance, on near [200 nm] coastal waters"), aviation (FAA certificates: commercial pilot; instrument rating; single and multiengine, land), skiing, music, reading,

### NH Board of Nursing

Position Statement regarding the use of Nurse Anesthesiologist as a communication tool and optional descriptor for Certified Registered Nurse Anesthetists (CRNAs)

Information obtained from [www.nurseanesthesiologistdescriptor.com](http://www.nurseanesthesiologistdescriptor.com) (2018), MacKinnon, M., & Rodriguez, J.

#### Background:

In 1902, Dr. M.J. Seifert coined the term "anesthesiology" and defined it as "the science that treats the means and methods of producing various degrees of insensibility to pain with or without hypnosis. An Anesthetist is a technician and an Anesthesiologist is the specific authority on anesthesia and anesthetics". Given the graduate level academic preparation, advanced practice skill set, and autonomous level of responsibility, Certified Registered Nurse Anesthetists are not technicians.

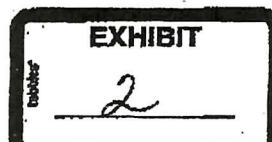
In American society, over 160 different professions utilize the suffix "-ologist" to simply denote experts in a field of study and is not exclusively associated with a medical degree or physicians. Audiologist, cosmetologist, technologist, epidemiologist, histologist are just some of numerous examples.. John M. Wilke, Examining Attorney for the U.S. Patent and Trademark Office (USPTO), recently found that "anesthesiologist" alone was "descriptive in nature"<sup>1</sup>.

Within a global context, "Anesthetist" or "Anaesthetist" is the professional term for those administering anesthesia throughout much of the western world, including Great Britain, Canada, and Australia. No country, except the United States utilizes two different titles for independently practicing professionals who offer the same service.

#### Clarity with professional descriptors:

Further confusion has arisen by Anesthesiologist Assistants (AAs) utilizing the term "Anesthetist", for both professional introductions and as evidenced by the URL of their professional website [www.anesthetist.org](http://www.anesthetist.org). AAs meet the technical definition of the term "anesthetist" or "technician", however AAs have vastly different foundational training and experience when compared to Nurses and Physicians and therefore by educational preparation

<sup>1</sup> Mike MacKinnon attempted to trademark "nurse anesthesiologist" in 2018. Registration was refused because the applied-for mark merely describes the provider of applicant's services. Trademark Act Section 2. Wilke goes on to infer that "anesthesiologist" is generic while "physician" and "nurse" are specific, and that both physicians and nurses deliver anesthesia services.





and law, cannot function as independent providers. It is both confusing and inaccurate to use the term "Anesthetist" to equally identify a licensed and often autonomous provider with a non-licensed provider who has a restricted skillset and who can only practice with Physician Anesthesiologist direction and delegation.

Given the above, when the descriptor "Nurse Anesthesiologist" is used, audiences know that it is a professional nurse who is an expert in anesthesia and distinguishes nurse anesthesiologists, physician anesthesiologists, dentist anesthesiologists, from anesthesiologist assistants. It is paramount that patients and public know who is delivering their care and use of the nurse anesthesiologist descriptor does just that: It identifies the foundational education of the provider and further identifies them as an expert in anesthesiology.

#### Evidence:

Research from the American Society of Anesthesiologists confirms that 55% of the country does not recognize an "anesthesiologist" as a physician. Physicians who specialize in anesthesiology have recognized this and have adopted their own accurate descriptor of "Physician Anesthesiologist". Additionally, it is common for patients, surgeons, and even our perioperative colleagues to refer to CRNAs as an "anesthesiologist" while being fully cognizant of our Advanced Practice Registered Nurse education, advanced practice nurse licensure, and as credentialed members of medical staffs. In this context, the optional use of "Nurse Anesthesiologist" to describe CRNAs would provide transparency, remove confusion, and recognize CRNAs as fully qualified [and often autonomous] anesthesia providers.

#### National Association Recognition:

Given the clarity provided by the "Nurse Anesthesiologist" descriptor, the American Association of Nurse Anesthetists (AANA) has [by way of a thorough assessment by an Association selected task force] now recognizes "Nurse Anesthesiologist" as an optional descriptor for the profession. This title will be instrumental in accurately describing the profession, training, expertise, and scope of practice to the public. Furthermore, this transparent descriptor is essential for legislative progress, advocacy, and the continued safe and cost-effective care to the citizens of New Hampshire who would otherwise be unserved.

The optional "Nurse Anesthesiologist" descriptor does not seek to expand CRNA practice, demean another profession's practice, or misrepresent the position and foundational education of CRNAs. Rather, it provides a transparent term to accurately describe the CRNA's advanced practice nursing role, as well as our expertise in the provision of full-range and often autonomous anesthesia services.

Therefore:

The New Hampshire Board recognizes "Nurse Anesthesiologist" and "Certified Registered Nurse Anesthesiologist" as optional, accurate descriptors. It is not a title change and is not an attempt to create an expanded or misleading scope of practice. It is recognized at both the national and state level as a transparent and lawful term of address, introduction, and is permitted for use on personal and professional communications without sanction.