# J. Dru Riddle, PhD, DNP, CRNA, FAAN 320 Silver Canyon Drive Fort Worth, Texas 76108

druriddle@me.com

# **Academic Preparation**

Medical University of South Carolina, Charleston, South Carolina

- PhD, Nursing and Pharmacogenomics (2014)
- Dissertation: Impressions of pharmacogenomic testing among Certified Registered Nurse Anesthetists: A Mixed Method Study

Texas Christian University, Fort Worth, Texas

- DNP, Nursing (2011)
- DNP Project: The effectiveness of intraoperative brain activity monitoring on postanesthesia unit length of stay: A systematic review and meta-analysis

Old Dominion University, Norfolk, Virginia

- MSN, Nursing (2002)
- Certified Registered Nurse Anesthetist

Virginia Commonwealth University, Richmond, Virginia

- BSN, cum laude (1999)
- Minor in biochemistry

#### Licensure and Professional Certifications

- Registered Nurse, State of Texas
- Advanced Practice Registered Nurse, State of Texas
- Certified Registered Nurse Anesthetist (CRNA), National Board of Certification and Recertification of Nurse Anesthetists

## **Professional Background**

Texas Christian University, Fort Worth, Texas (2012-present)

- Associate Professor of Professional Practice, School of Nurse Anesthesia
- Associate Professor of Medical Education, TCU/UNTHSC School of Medicine (2018present)
- Director of Clinical Education, School of Nurse Anesthesia (2020-present)
- Director, Center for Translational Research: A JBI Center of Excellence
- Director, Cochrane US TCU Center
- Co-Chair. Cochrane US Network
  - o Coordinator, DNP Projects School of Nurse Anesthesia
  - DNP Project Chair for multiple BSN-DNP and MSN-DNP projects
  - o Faculty in pain management fellowship
  - Expertise as CRNA educator teaching in DNP entry-into-practice CRNA program. Responsible for oversight and coordination of DNP projects and for didactic teaching focusing on chemistry, physics, health assessment, and health policy.
  - Responsible for operations of the Center for Translational Research, an international evidence synthesis Center and part of the Joanna Briggs Institute and the Cochrane Collaboration. Work with faculty, students, and community members to support evidence synthesis work, train in systematic review methodology, and establish formal partnerships with outside organizations.
  - Co-Chair, Cochrane US Network of 25 affiliated organizations in the US

NorthStar Anesthesia, Fort Worth, Texas (2006-present)

 Certified Registered Nurse AnesthetistFormer Director of Operations for one of the top three largest anesthesia groups in the United States; responsible for daily operations of 68 facilities

- Provide direct anesthesia care for patients undergoing surgical, diagnostic, interventional, and obstetric services
- Clinical coordinator for CRNA trainees at Baylor All Saints Medical Center

Dru Riddle Anesthesia, PLLC, Fort Worth, Texas (2008-present)

- Small business owner, provide independent contractor anesthesia services to multiple facilities throughout North Texas

West Tennessee Anesthesia, Jackson, Tennessee (2005-2006)

- Certified Registered Nurse Anesthetist
- Small group practice serving only rural, underserved hospitals in western Tennessee

Panhandle Anesthesiology Associates, Pensacola, Florida (2003-2005)

- Certified Registered Nurse Anesthetist, Chief
- Provided direct anesthesia care
- Oversight and responsibility for 28 staff CRNAs

### **University Service**

- Chair, University IRB (member since 2015; Chair 2019-2021)
- Member, Harris College Dean's Search Committee (2019)
- Member, Faculty Search Committee School of Nurse Anesthesia (2019)
- Member, Harris College Advisory Committee (2018-present)
- Chair, Vision in Action (VIA) Lead On Graduate Education Committee (2017)
- Member, TCU/UNTHSC Medical School Curriculum Committee (2016-2018)
- Member, Undergraduate Retention Committee (2015-2017)
- Member, School of Nurse Anesthesia Interview Committee (ongoing since 2010)
- Member, School of Nurse Anesthesia Admissions Committee (ongoing since 2012)

### **Awards and Honors**

- Fellow, American Academy of Nursing (2018)
- DNP Visiting Scholar, Taiwan Nurses Association, Taipei, Taiwan (2016)
- Funderberg Lecturer, Alabama Association of Nurse Anesthetists (2015)
- Sigma Theta Tau Excellence in Research Award (2014)
- Army Commendation Medal, Operation Enduring Freedom (2006)

#### **Publications and Impact**

- 1. Sbidian, E., Chaimani, A., Afach, S., Doney, L., Dressler, C., Hua, C., Mazaud, C., Phan, C., Hughes, C., Riddle, D., Naldi, L., Garcia-Doval, I., & Le Cleach, L. (2020). Systemic pharmacological treatments for chronic plaque psoriasis: a network meta-analysis. *The Cochrane database of systematic reviews, 1*(1), CD011535. https://doi.org/10.1002/14651858.CD011535.pub3
- **2.** Lancaster, A., & **Riddle, D**. (2019). Avoiding anesthetic awareness: An attainable achievement. *CRNA Today, (19)*1
- 3. Riddle, D. (2018). Vitamin E supplementation in people with cystic fibrosis: A Cochrane

- review summary. *International Journal of Nursing Studies*. doi: <a href="https://doi.org/10.1016/j.ijnurstu.2018.05.018">https://doi.org/10.1016/j.ijnurstu.2018.05.018</a>
- **4. Riddle, D.** (2018). Narcan: Friend or foe? A review of the evidence. *Gastroenterology Nursing* (41)3, 279-279.
- **5.** Mosier, M., & **Riddle**, **D.** (2018). Prophylaxis and treatment of hereditary angioedema with fresh frozen plasma: A synthesis and narrative review. *Anesthesia e Journal* (6).
- **6.** Baker, K., & **Riddle**, **D**. (2017). Update on the SGNA fellows and scholars program: Stories of success. *Gastroenterology Nursing* (40)2, 158-162.
- **7.** Friedly, C., Simmons, S., & **Riddle, D**. (2016). Prophylactic ondansetron for prevention of maternal hypotension following spinal anesthesia in women undergoing cesarean section: A systematic review. *International Journal of Evidence-Based Healthcare*, *14*(4), 196-197.
- **8. Riddle, D.**, Baker, K., & Sapp, A. (2016). Evaluation of Testing as a Method to Assess Continued Competency in Nurse Anesthesia Practice: A Systematic Review. *AANA Journal*, *84*(4), 239-247.
- **9.** Manspeaker, S., Henderson, K., & **Riddle, D.** (2016). Treatment of exertional rhabdomyolysis in athletes: a systematic review. *JBI database of systematic reviews and implementation reports*, *14*(6), 117-147.
- **10. Riddle, D.**, Gregoski, M., Baker, K., Dumas, B., & Jenkins, C. H. (2016). Impressions of pharmacogenomic testing among Certified Registered Nurse Anesthetists: a mixed-method study. *Pharmacogenomics*, *17*(6), 593-602.
- **11.** Gomersall, J., Jadotte, Y., Xue, Y., Locksood, S., **Riddle, D.**, Preda, A. (2015). Conducting systematic reviews of economic evaluations. *International Journal of Evidence-Based Healthcare*. *13*(3). 170-178.
- **12. Riddle, D. (2014).** Intraoperative bran activity monitoring and post anesthesia care unit length of stay: Results of a systematic review. *Journal of PeriAnesthesia Nursing*, 29(6), 475-479.
- **13. Riddle, D.**, Stannard, D. (2014). Evidence in Perioperative Care. *Nursing Clinics of North America*, 49(4), 485-492.
- **14. Riddle, D.**, Powell, N. (2014). A comparison on the effect of remifentanil patient-controlled analgesia versus fentanyl via any delivery method on maternal satisfaction and pain reduction during labor: A systematic review protocol. *The JBI Database of Systematic Reviews and Implementation Reports* 12(11), 8-18
- **15.** Lopez, O., Gollaher, T., **Riddle, D.** (2014). Cerebral oxygen desaturation monitored by intraoperative near-infrared spectroscopy and incidence of post-operative cognitive dysfunction: A systematic review. *The JBI Library of Systematic Reviews and Implementation Reports*, *12*(8) 145-192.
- **16.** Manspeaker, S., Kelley, H., **Riddle, D.** (2014). Treatment of exertional rhabdomyolysis among athletes: A systematic review protocol. *The JBI Library of Systematic Reviews and Implementation Reports, 12*(3). 113-120.
- **17. Riddle, D.** (2014). Instruments to measure acute pain: An integrative review. *Journal of Pain Management*, *6*(4), 32-41

**18. Riddle, D.** (2014). Genetic predisposition: A principle based concept analysis. *International Public Health Journal, 6*(1), 23-32.

**19.** Roberson, D., **Riddle, D.** (2013). The impact of intra-operative dexmedetomidine infusion on immediate postoperative pain: A systematic review protocol. *The JBI Library of Systematic Reviews and Implementation Reports*, *11*(10), 42-54

**20.** Lopez, O., Gollaher, T., **Riddle, D.** (2013). Cerebral oxygen desaturation monitored by intraoperative near-infrared spectroscopy and incidence of post-operative cognitive dysfunction: A systematic review protocol. *The JBI Library of Systematic Reviews and Implementation Reports*, *11*(8) 146-158.

- **21. Riddle, D.** (2013). Responding to the challenges of implementing evidence based practice in the perioperative environment. *International Journal of Evidence-Based Healthcare*, *10*(3), 286.
- **22. Riddle, D.** (2012). Intraoperative brain activity monitoring and post anesthesia care unit length of stay the results of a systematic review. *International Journal of Evidence- Based Healthcare*, 9(3), 324.
- **23.** Riddle, D., Nugent, H. (2011). The effects of intraoperative brain activity monitoring on post anesthesia care unit length of stay: A systematic review. *The JBI Database of* Non-refereed Publications
- **24. Riddle, D.** (2014). *Pain Management*, 4<sup>th</sup> ed. Chapter 19: Instruments to measure pain

# Materials or Activities Accepted and Ongoing Research

- 1. Simms, K. Spitzer, M., **Riddle, D.** (2018). The effect of endotracheal tube cuff size in pediatric patients: A systematic Review. *BMC Systematic Reviews*. (in press).
- 2. **Riddle, D.** The impact of intra-operative dexmedetomidine infusion on immediate postoperative pain: A systematic review.
- 3. **Riddle, D.** A comparison on the effect of remifentanil patient-controlled analgesia versus fentanyl via any delivery method on maternal satisfaction and pain reduction during labor: A systematic review.

# **Mentored Systematic Reviews**

Reviews on which I served as a methodological mentor and had substantial involvement in the conduct of the review and data analysis.

- McPhail, A., & Jokel, D. (2019). Effectiveness of four-factor prothrombin complex concentrates versus plasma on vitamin K antagonist associated plasma international normalized ratio: A systematic review. JBI database of systematic reviews and implementation reports, in press.
- 2. Nguyen, J., & Nacpil, N. (2017). A comparison between dexmedetomidine and propofol on extubation times in postoperative adult cardiac surgery patients: a systematic review protocol. *JBI database of systematic reviews and implementation reports*, *14*(11), 63-71.
- 3. Chan, T. N., & Venus, J. (2016). The effect of 30 to 60 minutes of forced-air pre-warming on maintaining intraoperative core temperatures during the first hour post-anesthesia induction in adult patients undergoing general anesthesia: a systematic review protocol. *JBI database of systematic reviews and implementation reports*, *14*(4), 41-48.
- 4. Drummond, J., & Alberti, M. (2016). Multiple exposure to general anesthesia in pediatric patients and the development of specific learning disorder: a systematic review protocol. *JBI database of systematic reviews and implementation reports*, *14*(7), 11-18.

5. Wamsley, C., & Missel, D. (2016). Effect of peak inspiratory pressure on the development of postoperative pulmonary complications in mechanically ventilated adult surgical patients: a systematic review protocol. *JBI database of systematic reviews and implementation reports*, 14(12), 74-82.

- 6. Schmelzer, M., Daniels, G., Hough, H. (2015). Safe storage time for reprocessed flexible endoscopes: A systematic review. *JBI Database of systematic reviews and implementation reports*, *13*(9), 187-243.
- 7. Benham, B., & Hawley, D. (2015). The effectiveness of tools used to evaluate successful critical decision making skills for applicants to healthcare graduate educational programs: a systematic review. *JBI database of systematic reviews and implementation reports*, 13(4), 231-275.
- 8. Mitsdarffer, B., & Browder, M. (2015). Comparison of the force required to perform endotracheal intubation on healthy adult patients utilizing the GlideScope® videolaryngoscope and Macintosh laryngoscope: A systematic review protocol. *JBI database of systematic reviews and implementation reports*, *13*(6), 35-44.
- 9. Hoffman, J., & Hamner, C. (2015). Effectiveness of dexmedetomidine use in general anesthesia to prevent postoperative shivering: a systematic review. *JBI database of systematic reviews and implementation reports*, *13*(12), 287-313.
- 10. Mayhood, J., & Cress, K. (2015). Effectiveness of ketamine gargle in reducing postoperative sore throat in patients undergoing airway instrumentation: a systematic review. *JBI database of systematic reviews and implementation reports*, *13*(9), 244-278.
- 11. Henry, J., & McFarland, A. (2015). The effectiveness of tranexamic acid at reducing postoperative blood loss following cesarean section: a systematic review of quantitative evidence protocol. *JBI database of systematic reviews and implementation reports*, 13(6), 72-81.
- 12. Yancey, C., & Merrick, K. (2014). The effectiveness of high FiO2 in preventing postoperative surgical site infections in adult patients undergoing abdominal surgery: a systematic review protocol. *JBI Database of Systematic Reviews and Implementation Reports*, 12(2), 56-63.
- 13. Badeaux, J., & Hawley, D. (2014). Effectiveness of intravenous tranexamic acid administration in managing perioperative blood loss in patients undergoing spine surgery: a systematic review. *JBI Database of Systematic Reviews and Implementation Reports*, *12*(7), 284-314.
- 14. Tabbert, K., & Virginia, A. (2013). Low-dose intraoperative ketamine for prevention of post-anesthetic shivering: a systematic review protocol. *JBI Database of Systematic Reviews and Implementation Reports*, 11(8), 38-47.
- 15. Gollaher, T., & Baker, K. (2012). Administration of propofol for sedation of non-mechanically ventilated patients in non-critical care areas by anesthesia providers and

non-anesthesia trained healthcare providers: a systematic review. *JBI Database of Systematic Reviews and Implementation Reports*, 10(46), 2944-2997.

# **Selected Papers Presented, Participation on Panels**

Riddle, D. (2019). MedCity Anesthesia Seminars, Sonoma, California.

Riddle, D. (2019). Using pharmacogenomics to improve patient care. Queens University Keynote Speaker, Graduate Nursing, Kingston, Ontario, Canada.

Riddle, D. (2018). Evidence based practice in anesthesia. Kaiser Permanente Nurse Anesthetists Association. Los Angeles, California.

\*Riddle, D. (2018). Personalizing anesthesia through pharmacogenomics. AANA Annual Congress, Boston, Massachusetts.

Riddle, D. (2017). Residual neuromuscular blockade, anesthesia and obstructive sleep apnea, multimodal analgesia. Utah Association of Nurse Anesthetists. Salt Lake City, Utah

Riddle, D. (2017). Pharmacogenomics in anesthesia care, residual neuromuscular blockade, anesthesia and sleep apnea, multimodal analgesia, obesity and outpatient anesthesia, novel oral anticoagulants and anesthesia. LACES March meeting, Orange Beach, Alabama.

Riddle, D. (2017). Quantitative Systematic Review Training, Tri-Service Nurse Corps, San Antonio, Texas.

Riddle, D. (2017). Introduction, quantitative, and qualitative systematic review training. Rosalind Franklin University, North Chicago, Illinois.

Riddle, D. (2017). Residual neuromuscular blockade, anesthesia apps, anesthesia and obstructive sleep apnea, obesity and outpatient anesthesia. Kaiser Permanente Nurse Anesthetists Annual Meeting, Long Beach, California.

\*Riddle, D. (2016). Clinical considerations for residual neuromuscular blockade, New drugs for reversal of neuromuscular blockade. WedMD, New York, New York.

\*Riddle, D. (2016). Impressions of pharmacogenomic testing among anesthesia providers. International Conference on Drug Development and Discovers, Dubai, UAE.

\*Riddle, D. (2016). Impressions of pharmacogenomic testing among anesthesia providers. International Federation of Nurse Anesthetists, Glasgow, Scotland.

Riddle, D. (2016). Clinical conundrums, emotional intelligence, multimodal analgesia, anesthesia for pregnant patients undergoing non-pregnancy surgery. Kaiser Permanente Nurse Anesthetists Association, Los Angeles, California.

\*Riddle, D. (2016). Texas Christian University CRNA Program. Taiwan Association of Nurse Anesthetists, Taipei, Taiwan.

\*Riddle, D. (2016). Evidence based practice in anesthesia, pharmacogenomic testing in anesthesia, DNP education in the United States. National Yang-Meng University, Taipei, Taiwan.

Riddle, D. (2016). Novel oral anticoagulants in anesthesia, OB anesthesia overview, Sugammadex ® update and residual neuromuscular blockade. Texas Association of Nurse Anesthetists, San Antonio, Texas.

- \*Riddle, D. (2016). Systematic reviews from and informing clinical practice. Joanna Briggs Institute 20<sup>th</sup> Anniversary Conference. Adelaide, South Australia. (Keynote session)
- \*Riddle, D. (2015). Clinical utility of pharmacogenomic testing to support prescriptive decision making. Medical University of South Carolina, Charleston, South Carolina.
- Riddle, D. (2015). JBI scope and history, evidence synthesis group formation. United States Army Graduate Program in Nurse Anesthesia, Fort Sam Houston, Texas.
- Riddle, D. (2015). OB anesthesia emergencies, anesthesia management of cardiac implantable devices, new uses of TXA medications. Kaiser Permanente Nurse Anesthetists Association, Newport Beach, California.
- \*Riddle, D. (2015). The BSN-DNP capstone project. American Association of Colleges of Nursing Doctoral Education Conference, San Diego, California.
- Riddle, D. (2015). Pharmacogenomics in anesthesia, OB emergencies, anesthesia management of morbid obesity, multimodal analgesia, evidence based practice in anesthesia. Huntsville Hospital Anesthesia Education Conference, Huntsville, Alabama.
- \*Riddle, D. (2015). Nursing certification: Does it even matter? Texas Health Harris Methodist Hospital, Fort Worth, Texas
- Riddle, D. (2015). Ethical and legal aspects of nurse anesthesia, intraoperative coagulopathy. Texas Association of Nurse Anesthetists, San Antonio, Texas.
- Riddle, D. (2015). Multimodal analgesia, interpretation of intraoperative coagulopathy, pharmacogenomics in anesthesia care, anesthesia considerations for cardiac rhythm devices, novel uses of the LMA, vigilance in the OR, evidence based practice in anesthesia, management of OB anesthesia emergencies. MedCity Anesthesia Seminars, St Petersburgh Beach, Florida.
- \*Riddle, D. (2015). Systematic reviews of economic evidence. Joanna Briggs Institute Methodology Conference, Adelaide, South Australia.
- \*Riddle, D. (2014). Clinical utility of pharmacogenomic testing among anesthesia providers. International Society of Nurses in Genetics, Philadelphia, Pennsylvania.
- \*Riddle, D. (2014). Funderberg Lecturer, Alabama Association of Nurse Anesthetists, Birmingham, Alabama.
- Riddle, D. (2014). Systematic review update. Scholar's Retreat of the Society of Gastroenterology Nurses and Associates, Fort Worth, Texas.
- \*Riddle, D. (2014). Genetic predisposition: A concept analysis. Southern Nurses Research Society, San Antonio, Texas.

Riddle, D. (2014). Pharmacogenomics in anesthesia, multimodal analgesia, evidence based practice in nurse anesthesia. Oregon Association of Nurse Anesthetists, Portland, Oregon.

Riddle, D. (2014). Multimodal analgesia, interpretation of intraoperative coagulopathy, pharmacogenomics in anesthesia care, anesthesia considerations for cardiac rhythm devices, novel uses of the LMA, vigilance in the OR, evidence based practice in anesthesia, management of OB anesthesia emergencies. MedCity Anesthesia Seminars, San Diego, California.

\*Riddle, D. (2014). Genetic predisposition: Implications for anesthesia practice. Texas Association of Nurse Anesthetists, Las Vegas, Nevada.

Riddle, D. (2013). Pharmacogenomics in anesthesia care. Texas Association of Nurse Anesthetists, Dallas, Texas.

\*Riddle, D. (2013). Mixed-method reviews of the evidence. Joanna Briggs Institute Annual Conference, Adelaide, South Australia.

\*Riddle, D. (2013). Genetic predisposition: The meaning and use. National Institutes of Health, Bethesda, Maryland

\*Riddle, D. (2012). Navigating the challenges of implementing evidence based practice in the perioperative environment. Faculty of Health Sciences, Chiang Mai University, Chiang Mai, Thailand.

\*Denotes peer-reviewed, accepted abstract

### **Professional Leadership**

Member, Medicare Evidence Development and Coverage Advisory Committee (MEDCAC) (2019-presnet).

- MEDCAC is charged with providing independent guidance and expert advice to Centers for Medicare and Medicaid (CMS) on specific clinical topics.
- One of only three nurses to serve on MEDCAC
- After hearing public testimony and reviewing the quality of evidence, advises CMS with recommendations on implementing payments for healthcare services.
- Nominated by AANA for anesthesia and evidence based practice expertise.

President, Texas Association of Nurse Anesthetists (2018-2019)

President-Elect, Texas Association of Nurse Anesthetists (2017-

### 2018)

- Serve as the only CRNA representative on the Texas State Board of Dental Examiners Anesthesia Council to draft statewide policy influencing dental anesthesia care for Texans
- Chair, Government Relations Committee responsible for setting policy and legislative agenda for the Association

- Serve on the Texas APRN Alliance, responsible for drafting legislation to move all APRNs to full-practice authority in 2019

Vice President, Texas Association of Nurse Anesthetists (2016-2017)

- Successfully lead the Associations response to Anesthesiologist Assistant legislation resulting in the sixth consecutive defeat of the legislation
- Responsible for planning and executing two state-wide nurse anesthesia professional meetings

Board of Directors, Texas Association of Nurse Anesthetists (2014-2016)

- Chair of Finance Committee responsible for oversight of \$1.1M operating budget

Chair, Anesthesiologist Assistant Strategic Advisory Panel, American Association of Nurse Anesthetists (2017-prenent)

Member, Government Relations Committee, American Association of Nurse Anesthetists (2017-present)

Member, Policy Council, Texas Nurses Association (2013-present)

- Responsible for setting policy agenda for professional nurses in Texas
- Work with American Nurses Association to move policy from state to national level

Member, APRN Advisory Council, Texas Nurses Association (2014-present)

- Work collectively with all four APRN groups to forward APRN practice in Texas
- Advise the TNA Board of Directors on all issues related to APRN practice in Texas
- Worked to secure a hearing for full scope of practice legislation during 2017 legislative session in Texas

Member, APRN Advisory Committee, Texas Board of Nursing (2017-present)

- Appointed member of State Board of Nursing APRN Advisory Committee
- Work with Board of Nursing members on all matters related to APRN practice in Texas
- Advise legislative staff and elected officials on APRN nursing practice policy

Member, Opioid Task Force, American Association of Nurse Anesthetists (2017-present)

- Appointed member of task force charged with reducing opioid use in nurse anesthesia care
- Work with elected officials from all states in setting policy agenda and research priorities for opioid use, opioid addiction prevention, and opioid induce complication prevention
- Serve as expert on evidence synthesis methods to AANA

Member, Scientific Evaluation Committee, Anesthesia Patient Safety Foundation (2016-present)

- Appointment as only CRNA member on the APSF Scientific Evaluation Committee
- Responsible for the review of research grant proposals and awarding over \$900,000 annually in anesthesia patient safety research funds
- Serve as expert on evidence synthesis methods to the Committee and APSF

Advisor and Member, GRADE Adelaide, Adelaide, South Australia (ongoing)

- GRADE working group member responsible for scientific methods supporting the use of GRADE in evidence synthesis, guideline development, and scientific

### publications

Member, Scientific Committee, Joanna Briggs Institute, Adelaide, South Australia (ongoing)

- Responsible for review and approval of all evidence synthesis methods and recommendations by the Joanna Briggs Institute
- Responsible for the conduct of methods studies to test newly developed synthesis methods
- Lead on economic evidence synthesis methods group

## **Professional Service/Memberships**

Fellow, American Academy of Nursing Member, American Association of Nurse Anesthetists Member, Texas Association of Nurse Anesthetists Member, American Nurses Association Member, Texas Nurses Association Member, Sigma Theta Tau Member, Southern Nurses Research Society Member, International Society of Nurses in

Genetics Member, Evidence Aid International Member, Society for Opioid Free Anesthesia

Member, GRADE International

### **Professional Contributions**

Editor-In-Chief, Journal of Translational Health Sciences
Editorial Board, International Student Nurse Anesthesia Journal (responsible for evidence synthesis manuscripts)
Reviewer, American Journal of Nursing (systematic review expert)
Reviewer, JBI Library of Systematic Reviews and Implementation
Reports Reviewer, Gastroenterology Nursing Journal (systematic review expert) Reviewer, Anesthesia eJournal
External Reader, University of Adelaide higher degree dissertation committee Speaker, Merck Pharmaceuticals

# **Military Experience**

United States Army Reserve, Captain, Nurse Corps (1999-2009) Certified Registered Nurse Anesthetist Multiple mobilizations in support of Operation Enduring Freedom, awarded the Army Commendation Medal

## **Community Service**

Member, School Health Advisory Panel, Aledo Independent School District Member, Physical Fitness Advisory Committee, Aledo Independent School District Member, Missions Committee, Church at the Crossing, Aledo, Texas Multiple mission trips; national and international