



## JENNIFER M. OAKES, PHD, DNAP, CRNA, CHSE

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Experienced CRNA who is passionate about anesthesia practice standards, education, and simulation. I am experienced in anesthesia education as full-time faculty and as an administrator. I have designed and delivered curriculum based on CRNA standards, ethics, and scope of practice. My academic work allowed me to create simulation programs based on anesthesia crisis resource management and skills training. I have chaired multiple doctoral projects relating to best practice for CRNAs and emerging science and research. The focus of my PhD dissertation was understanding and preventing academic misconduct in APRN education.

### Education

<b>PhD</b>	Liberty University, Higher Education Administration Leadership	May 2023
	Dissertation: Quantitative, Causal Comparative Study of Perceptions of Academic Misconduct	
<b>DNAP</b>	Virginia Commonwealth University, Nurse Anesthesia	May 2011
	Doctoral Project: Simulation based SRNA education	
	Committee: Suzanne Wright, PhD, CRNA, William Hartland, PhD, CRNA	
<b>MSNA</b>	Virginia Commonwealth University, Nurse Anesthesia	December 2010
	Master Project: CRNA public relations	
	Advisor: Suzanne Wright, PhD, CRNA	
<b>BSN</b>	University of Phoenix, Nursing	May 2008
	Graduated Summa Cum Laude	

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## Teaching Experience

**Texas Christian University**, Fort Worth, TX

April 2020-current

**Associate Professor of Professional Practice**

**Associate Program Director**, Department of Nurse Anesthesia

Administrator overseeing operations and student progression through the Nurse Anesthesia department

Coordinates faculty, staff, curriculum, students, and clinical sites

**Simulation Lab Director:**

Plans and implement skills instruction and practice involving airway skills, vascular access, spinal, epidurals, peripheral nerve blocks, and human patient simulation (HPS). Trains and oversees all simulation faculty and activities.

**Course Coordinator/instructor:**

- NRAN 80402 Essentials in Anesthesia and Simulation
- NRAN 80516 Principles of Anesthesia Practice I.
- NRAN 80323 Physics of Nurse Anesthesia
- NRAN 80772 Advanced Pathophysiology and Clinical Management
- NRAN 88080 Advanced Project
- Anesthesia Crisis Resource Management

**Mount Marty College**, Sioux Falls, SD

July 2014 – April 2020

**Assistant Professor**, Department of Nurse Anesthesia

**Simulation Lab Director**

Director of **Anesthesia Crisis Resource Management (ACRM)** 2014-2018

**Course Coordinator/instructor:**

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- ANE 664 Anesthesia Principles II 2018
- ANE 660 Anesthesia Principles I 2017
- ANE 501 Basic Principles of Anesthesia 2014-2016
- ANE 505 Advanced Principles of Anesthesia 2014-2016
- Simulation lab for Anesthesia Principles 2014-2016
- Anesthesia Crisis Resource Management (ACRM) 2014-2018

**Mount Marty College, Sioux Falls, SD**

May 2018 – 2019

**Program Director, Department of Nurse Anesthesia**

- Administrator overseeing operations and student progression through the Nurse Anesthesia department
- Coordinates faculty, staff, curriculum, students and clinical sites

Course Coordinator/instructor:

- ANE 664 Anesthesia Principles II 2019
- ANE 620 Practice Inquiry Methods-Research (online) 2019
- ANE 634 Role Development Practicum II (online) 2019
- ANE 680 Clinical Correlation IV (online) 2019
- ANE 670 Anesthesia Principles III 2019
- ANE 660 Anesthesia Principles I 2018
- ANE 632 Role Development Practicum (online) 2018
- ANE 682 Clinical Correlation III (online) 2018

**University of New England, Portland, ME**

September 2012-June 2014

**Clinical Preceptor**

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- Educated and trained student registered nurse anesthetists (SRNA's) in the clinical setting with regards to general, regional, and MAC anesthesia

## CRNA Experience

**Baylor, Scott, & White-All Saints Medical Center**

August 2020-current

**PRN CRNA**

**Sanford Luverne Medical Center**

January 2018-April 2020

**Staff CRNA**

- CRNA's function autonomously in this small rural hospital. Skills include general surgery, OB/labor pain management, regional anesthesia, spinal/epidural anesthesia and emergency airway management.

**Sanford Worthington Regional Hospital**

January 2017-April 2020

**Locum CRNA**

- CRNA's function autonomously in this small rural hospital. Skills include general surgery, OB/labor pain management, regional anesthesia, spinal/epidural anesthesia and emergency airway management.

**Avera Sacred Heart Hospital, Yankton, SD**

September 2015-September 2017

**Locum CRNA**

- CRNA's work in collaboration with MDAs in a care team model. Skills include advanced airway management and clinical student instruction.

**Avera McKennan Hospital, Sioux Falls, SD**

October 2014-October 2016

**PRN CRNA**

- This is a 400 bed Level II trauma center. CRNA's work in collaboration with MDAs in a care team model. Skills include advanced airway management and clinical student instruction.

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**Mayo Regional Hospital, Dover-Foxcroft, ME**

September 2012-June 2014

**Staff CRNA**

- This is a critical access hospital providing care to a large region in rural Maine. The hospital's anesthesia department is an all CRNA group with a shared call schedule. I practiced independent of MDA supervision and was completely autonomous. I was responsible for pre-operative evaluations, intraoperative anesthesia care and post-operative assessments and care. I independently performed spinals, epidurals and peripheral nerve blocks.

**Lakes Region Anesthesiology, Laconia, NH**

February 2011-September 2012

**Staff CRNA**

- I was responsible for the anesthetic care of patients requiring orthopedic, dental, pulmonary, obstetric and general surgery and procedures. Skills included spinals, epidurals, peripheral nerve blocks and indwelling catheters, central lines and advanced cardiac monitoring.

## Honors and Awards

- University of Phoenix alumni scholarship
- Summa-Cum Laude graduate (BSN)
- Daughters of the American Revolution scholarship
- Martha Green excellence in Nursing scholarship
- California Association of Nurse leaders scholarship 2006
- California Association of Nurse leaders scholarship 2005

## Professional Affiliations

American Association of Nurse Anesthetists, 2008- Present

Society for Simulation in Healthcare, 2020- Present

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Texas Association of Nurse Anesthetists, April 2020- Present

South Dakota Association of Nurse Anesthetists, September 2014- April 2020

Maine Association of Nurse Anesthetists, September 2012- September 2014

## Presentations and Invited Lectures

### **AANA Annual Congress**

- Boston 2018 Conference
- The Impaired Provider

### **South Dakota Association of Nurse Anesthetists**

- Spring 2017 Conference
- Simulation and Patient Safety

### **Maine Association of Nurse Anesthetists**

Winter 2013 Conference

- Post-Dural Puncture Headaches
- Peripheral Nerve Block ultrasound lab

### **Nurse Anesthesia Faculty Associates**

Spring 2010 Snowshoe conference

- Spinal/epidural workshop and lab

## Publications

Marco, C.A., Oakes, J.M. (2021). Heated High-Flow Nasal Cannula Oxygen Therapy and Noninvasive Positive Pressure Ventilation. *Emergency Medicine Reports*, 42 (2).

Marco, C. A., Ensign, A. D., & Oakes, J. M. (2020). Pain Management in the Emergency Department: Opioids and Alternative Pain Management Therapies. *Emergency Medicine Reports*, 41(8).

Dahlen L, Oakes J. (2017) A Review of Physiology and Pharmacology Related to Acute Perioperative Pain management. *AANA Journal*. 2017

Book Chapter Reviewer: Nagelhout, J. J. (2018). *Nurse anesthesia*. St. Louis: Elsevier.

## Committees and Service

- Council on Accreditation of Nurse Anesthesia Education (COA)
  - Onsite reviewer 2017- present
- TCU Harris College Administrative Council 2020- present
- TCU Harris College Curriculum Committee 2022- present
- TCU Harris College Faculty Selection Committee Chair 2021- present
- TCU Nurse Anesthesia Admissions Committee 2020- present
- TCU Nurse Anesthesia Assessment Committee Chair 2020- present
- TCU Nurse Anesthesia Department Advisory Committee 2021- present
- TCU Harris College PPP Mentorship Committee 2020- 2022
- Wegner Center for Medical Education 2018- 2020
  - Board of Directors
- South Dakota Association of Nurse Anesthetists (SDANA) 2016-2018
  - Board of Directors
- SDANA PR committee chair 2016- 2020
- Mount Marty College Graduate Council member 2018- 2020
- Mount Marty College Faculty Committee 2014- 2020
- Mount Marty College Faculty Committee Chair 2018- 2020
- Mount Marty College SRNA Admissions Committee 2014- 2020
- Mayo Regional Hospital Patient Safety Committee 2012-2014

## Chaired Doctoral Projects

- Reyfeldt, 2019: Implementation of APRN Consensus Model in South Dakota
- Halverson, 2020: Implicit Racial Bias and its Impact on Healthcare
- Paisley, 2020: Reducing Contamination During Induction
- Paulson, Piersol, Wolters, 2020: Sphenopalatine Ganglion Block for Migraine Relief
- Steinborn, Konstant, 2020: Evidence-Based Practice Addressing Residual Neuromuscular Blockade
- Wescott, Smit, London, 2020: Creating a Culture Care Toolkit to Improve Medical Mission Participation and Cultural
- Pierett, 2020: Health Policy Literacy in the Certified Registered Nurse Anesthetists and the Student Registered Nurse Anesthetist
- Menke, Good, Cogswell, 2020: Goal-Directed Fluid Therapy for the SRNA: Education and Simulation
- Hart, 2020: Health Policy Advocacy: South Dakota Certified Registered Nurse Anesthetist Scope of Practice
- Weber, LeVee, Arnett, 2020: Simulation Education of Local Anesthetic Systemic Toxicity and Checklist Utilization
- Jacobson, 2020: Evaluation of the Use of Central Line Insertion Simulation Training among Mount Marty Student Registered Nurse Anesthetists
- Ojha, 2022: Perioperative Gabapentinoid Administration
- Farmer, 2022: Perioperative Dexamethasone and Cognitive Decline
- Jordan, 2022: Preoperative Optimization of the Asthmatic Patient
- Araza, 2022: Method of Anesthesia relating to Breast Cancer Recurrence



- Perla, 2022: Anesthesia Management of the Pregnant Patient with Osler Weber Rendu Syndrome
- Rios, 2022: Liposomal Bupivacain for Erector Spinae Block
- Parks, 2022: Perioperative Hypotension Management in Patients with Pulmonary Hypertension
- Roberts, 2022: ACEIs on Day of Surgery and the Risk for Intraoperative Hypotension
- Sidani, 2022: Perioperative Cannabis Use and Post Operative Pain
- Tyndall, 2022: The Impact of Hypoglossal Nerve Stimulation on OSA