

# Myron H. Arnaud, CRNA, M.S.

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## EDUCATION

Doctor of Nursing Practice; May 2014

The University of Texas Health Science Center in Houston (UTHealth); Houston, Texas

Duke University – Durham, North Carolina

Elective graduate nursing coursework in statistics and organizational behavior (2009)

Master of Science in Nurse Anesthesia; December, 2002

Baylor College of Medicine; Houston, TX

Graduated with Highest Honors

The University of Texas Health Science Center – Houston

Elective coursework in Graduate Nursing concentration (1997)

Bachelor of Science in Nursing; December, 1994

University of Louisiana – Lafayette; Lafayette, LA

Graduated *cum laude*

Bachelor of Arts, Political Science (additional concentration in the natural sciences); December, 1991

University of Louisiana – Lafayette; Lafayette, LA

Graduated *magna cum laude*; Outstanding Graduate in Political Science

## LICENSURE

*1/2003-present* Advanced Practice Registered Nurse recognition in the State of Texas

*2004-present* Advanced Practice Registered Nurse recognition in the State of Louisiana

*1994-present* Registered Nurse licensure in the State of Louisiana

*1/1994-present* Registered Nurse licensure in the State of Texas

## CERTIFICATIONS/VERIFICATIONS

*1/2003-present* Certified Registered Nurse Anesthetist (CRNA) – National Board on Certification & Recertification of Nurse Anesthetists

*6/2015-present* Certified Healthcare Simulation Educator (CHSE) – The Society for Simulation in Healthcare

*1995-2003* Certification in Emergency Nursing (CEN)

*2007-2009*

*1997-2003* Critical Care Registered Nurse (CCRN)

*1995-present* Advanced Cardiac Life Support (ACLS) Provider

*2005-2009* Advanced Cardiac Life Support (ACLS) Instructor

<i>1995-present</i>	Pediatric Advanced Life Support (PALS) Provider
<i>2005-2009</i>	Pediatric Advanced Life Support (PALS) Instructor
<i>1996-2004</i>	Trauma Nursing Core Course (TNCC) Provider
<i>1996-2000</i>	Trauma Nursing Core Course (TNCC) Instructor
<i>1995-2001</i>	Emergency Nursing Pediatric Course (ENPC) Provider
<i>1996-2000</i>	Emergency Nursing Pediatric Course (ENPC) Instructor
<i>1996-1998</i>	Course in Advanced Trauma Nursing (CATN)
<i>1992-present</i>	Basic Life Support Provider

## PROFESSIONAL EXPERIENCE

*11/2010-present      The University of Texas Health Science Center – Houston (UTHealth)*

*2/2011- present      School of Nursing - Nurse Anesthesia Division*  
Assistant Director and Assistant Professor in Clinical Nursing

Responsibilities include:

- Director of Nurse Anesthesia Simulation laboratory
- Course director for N6408 – Advanced Principles of Nurse Anesthesia Practice (Fall 2015)
- Course director for N6402 – Advanced Pharmacology and Chemistry for Nurse Anesthesia (Spring 2015)
- Course director for N6403 – Advanced Pharmacology and Pharmacogenetics for Nurse Anesthesia (Summer 2015)
- Course co-director for N6417 – DNP Inquiry II (Spring 2015)
- Course co-director for N6414 – DNP Inquiry I (Fall 2014)
- Course director for N 5517A – Advanced Pharmacology for Nurse Anesthesia (Fall 2013)
- Course director for N 5517B – Advanced Pharmacology for Nurse Anesthesia (Spring 2014)
- Course director for N 5587 – NA Clinical Practicum I (Spring 2011, 2012, 2013, 2014)
- Course director for N 5588 – NA Clinical Practicum II (Spring 2011, 2012, 2013, 2014)
- Course director for N5585 – Fundamentals of Nurse Anesthesia Practice I (Summer 2011, 2012, 2013, 2014)
- Course director for N5586 – Fundamentals of Nurse Anesthesia Practice II (Fall 2012, 2013, 2014)
- Program administration
- Served as graduate student advisor for students enrolled in the Nurse Anesthesia track
- Post-MSN DNP Project Faculty Mentor/Chair - Slivinski (September 2014 – present)
- Committees

*University*

Radiation Safety Committee (2015-present)

*School of Nursing*

Faculty Life Council (2015-present)

UT School of Nursing Scholarship Committee (2012-2014)

Chair (2013-2014)

Doctor of Nursing Practice Council (2014-present)

*Programmatic*

Nurse Anesthesia Division Faculty Committee (2010 – present)

Nurse Anesthesia Division Faculty-Student Advisement Committee  
(2010 – present)

Nurse Anesthesia Admissions committee (2010 – present)

*11/2010-present*

*Department of Anesthesiology – LBJ General Hospital Division*

Staff Certified Registered Nurse Anesthetist

Responsibilities include:

- Direct anesthetic care for patients at HCHD Lyndon Baines Johnson General Hospital including obstetric and pediatric anesthesia practice. Experienced in central venous and arterial catheter placement & monitoring; advanced airway management modalities, and regional anesthetic (neuraxial and peripheral nerve blocks) techniques.
- Clinical instruction and supervision of UTHealth student registered nurse anesthetists at Lyndon Baines Johnson General Hospital

*01/2003-11/2010*

*Baylor College of Medicine, Graduate Program in Nurse Anesthesia*

School of Allied Health Sciences/Department of Anesthesiology; Houston, Texas  
Associate Director & Assistant Professor, Graduate Program in Nurse Anesthesia  
Assistant Professor & Faculty CRNA, Department of Anesthesiology  
Assistant Professor, School of Allied Health Sciences  
Faculty Certified Registered Nurse Anesthetist, Ben Taub General Hospital

Responsibilities included:

- Direct anesthetic care for patients at Ben Taub General Hospital (Level I trauma center), including trauma, cardiothoracic, neurosurgical, and pediatric anesthesia practice. Experienced in central venous, arterial and right heart catheterization & monitoring, advanced airway management modalities, and regional anesthetic (neuraxial and peripheral nerve blocks) techniques.
- Clinical instruction and supervision of student registered nurse anesthetists at Ben Taub General Hospital/Baylor College of Medicine Graduate Program in Nurse Anesthesia
- Course director for Pharmacology in Advanced Practice, Biomedical Instrumentation, Clinical Orientation in Anesthesia, Research Colloquium in Anesthesia, Critical Concepts of Anesthesia, Evidence-Based Anesthesia Practice and Capstone Project in Anesthesia.
  - Responsible for curricular development, organization, scheduling, content evaluation and examination construction.
  - Proposed, created and implemented curricular revisions for Research Colloquium in Anesthesia, Critical Concepts in Anesthesia, and Evidence-Based Anesthesia Practice.
  - Proposed, created and implemented curricular design for the creation and integration of Capstone Project in Anesthesia and the Comprehensive Examination in Anesthesia.
- Course lecturer for Pharmacology in Advanced Practice, Biomedical Instrumentation, Principles of Anesthesia, Physics for Anesthesia, Professional Aspects of Nurse Anesthesia Practice, Integrated Anesthesia Concepts, & Seminars in Anesthesia

- Course director and lecturer for Immunology for Allied Health. Developed and implemented curricular revisions and provided mentoring for lecturing faculty. Responsible for curricular content, measurement and evaluation of instruction.
- Academic & clinical advisor to didactic and clinical level graduate students enrolled in the Baylor Graduate Program in Nurse Anesthesia (2004 – present) Responsibilities include facilitating professional and clinical development, as well as quarterly evaluations of the SRNA. Served as primary advisor and mentor for 31 Capstone Projects - titles and student names/dates available on request.
- Committee Responsibilities
  - School of Allied Health Sciences Curriculum Committee (2004 – 2009); Vice-Chairman (2005 – 2009)
  - School of Allied Health Sciences Student Promotions Committee (2009 – 2010)
  - School of Allied Health Sciences Faculty Appointment and Promotions Committee (2005 – 2010)
  - Allied Health Education Executive Committee (2010)
  - Graduate Program in Nurse Anesthesia Executive Faculty Committee (2003 – 2010)
  - Graduate Program in Nurse Anesthesia Admissions Committee (2005 – 2009)
  - Graduate Program in Nurse Anesthesia Examination Committee (2005 – present); Chair (2005-2007)
  - School of Allied Health *ad Hoc* Student Appeals Committee (2004, 2005)
  - Graduate Program in Nurse Anesthesia Council on Accreditation Self-Study Task Force - Curriculum and Instruction & Faculty Work Groups (2003)
- Faculty Mentorship
  - Served as faculty mentor in a formal faculty mentorship program. Responsibilities include assistance in facilitation and orientation to the faculty role, faculty growth and development, and facilitation of faculty retention.

**6/1998 – 5/2000 Louisiana State University – University Medical Center; Lafayette, Louisiana**

Staff registered nurse (RN2) in medical-surgical intensive care services

Responsibilities included:

- Direct patient care in a combined medical-surgical intensive care unit
- Leadership responsibilities included charge nurse duties on evening, night and weekend shifts
- Critical care preceptor for the University of Louisiana – Lafayette senior nursing students enrolled in Nursing 401 (Emergency/Critical Care rotation)

**1/1998-5/1998 Ville Platte Medical Center; Ville Platte, Louisiana**

Emergency Services Nurse Manager

Responsibilities included:

- Daily management of a Level III emergency services unit
- Staff education and precepting newly employed emergency nurses
- Development and implementation of policy and procedure
- Quality management procedures

**3/1997-12/1997 Baptist Hospital of Southeast Texas; Beaumont, Texas**

Staff nurse in the cardiovascular catheterization/electrophysiology/special procedures laboratory

Responsibilities included:

- Direct patient care, including pre-procedure assessment, hemodynamic monitoring and recovery, of patients undergoing invasive procedures

- Assisting cardiologist & electrophysiologist with invasive procedures as “scrub” nurse
- Development and implementation of a timed response worksheet for use in emergent cardiac catheterizations for acute myocardial infarctions

**1/1995- 5/1997 St. Elizabeth Hospital; Beaumont, Texas**

Staff registered nurse in emergency/trauma services

Responsibilities included:

- Direct emergency/trauma patient care
- Trauma/resuscitation team involvement
- Triage and telemetry duties
- Clinical preceptor for newly employed graduate/registered nurse and nursing students

**HONORS/AWARDS**

- 2014 – Joanne V. Hickey DNP Clinical Scholar Award
- 2014 – Nominated and finalist for the UT Health School of Nursing McGovern Outstanding Teacher Award
- 2013 – Nominated and finalist for the UT Health School of Nursing McGovern Outstanding Teacher Award
- 2012 – Nominated and finalist for the UTHealth School of Nursing McGovern Outstanding Teacher Award
- 2012 – Sigma Theta Tau Zeta Pi chapter DNP Award
- 2012 – Nominated for the UTHealth School of Nursing McGovern Outstanding Teacher Award
- 2010 – Baylor College of Medicine Excellence in Teaching Award, presented by BCM Nurse Anesthesia Class of 2011
- 2009 – Baylor College of Medicine Excellence in Teaching Award, presented by BCM Nurse Anesthesia Class of 2010
- 2008 – Baylor College of Medicine Excellence in Teaching Award, presented by BCM Nurse Anesthesia Class of 2009
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- 2004 – Baylor College of Medicine Excellence in Teaching Award, presented by BCM Nurse Anesthesia Class of 2005
- 2004 – Baylor College of Medicine Excellence in Teaching Award, presented by BCM Nurse Anesthesia Class of 2004
- 2002 – Agatha Hodgins CRNA Memorial Award (Outstanding Graduate Nurse Anesthetist) awarded at Baylor College of Medicine
- 2002 – The Spent Bullet Award (Outstanding Trauma Nurse Anesthetist) awarded at Baylor College of Medicine
- 1994 – Tommy Granger Scholastic Achievement Award in Nursing awarded at the University of Louisiana – Lafayette
- 1994 – Inducted into the *Sigma Theta Tau* International Honor Society of Nursing
- 1992 – Who’s Who Among Students in American Universities and Colleges
- 1991 – Inducted into The Honor Society of *Phi Kappa Phi*

## GRANT SUBMISSIONS/FUNDING

Lifelong Learning Utilizing Simulation to Enhance Proficiency: A Pilot Project for CRNAs. MD Anderson Cancer Center, Houston, TX. Co-Principal Investigator. (Programmatic revision submitted December 2014 – contractual funding anticipated September 2015)

## PROFESSIONAL PUBLICATIONS/POSTERS

**Arnaud, M., Strauss, P., & Starnes-Ott, K.** Performance of Non-Technical Skills in Remote Anesthesia Settings by Novice Nurse Anesthetists Using Simulation Training: A Pilot Quality Improvement Initiative. Accepted abstract for the 2016 International Meeting for Simulation in Healthcare. To be presented via poster in January 2016.

**Arnaud, M.** Opiate Safety: Implications for the OR Nurse (accepted manuscript, October 2015). Pending publication in *OR Nurse 2015*.

**Arnaud, M., Strauss, P., & Starnes-Ott, K.** Performance of Non-Technical Skills in Remote Anesthesia Settings by Novice Nurse Anesthetists Using Simulation Training: A Pilot Study (accepted manuscript, August 2015). Pending publication in the *AANA Journal*.

**Guzman-Reyes, S., Arnaud, M., Hollenbeck, T., & Doyle, P. (2014).** Anesthetic Management of Right Hemi-Hepatectomy in a Jehovah's Witness Patient with Lynch Syndrome (Poster presentation); American Society of Anesthesiologists Annual Meeting, New Orleans, LA, October 2014 (Poster presentation by Sara Guzman-Reyes, MD)

**Arnaud, M., Hollenbeck, T., & Guzman-Reyes, S. (2014).** Anesthetic Management of Hepatectomy in a Jehovah's Witness Patient with Lynch Syndrome. *Internet Journal of Advanced Nursing Practice, 13* (1).

## PROFESSIONAL PRESENTATIONS

### National

August, 2012 – What's the Latest in Cardiovascular Drugs?; presented to the American Association of Nurse Anesthetists Annual Meeting; San Francisco, CA

August, 2012 – What Speeds Up, Must Slow Down: Management of Perioperative Ventricular & Supraventricular Tachycardias; presented to the American Association of Nurse Anesthetists Annual Meeting; San Francisco, CA

August, 2011 – Propofol Infusion Syndrome; presented to the American Association of Nurse Anesthetists Annual Meeting; Boston, MA

August, 2011 – Intraoperative Glycemic Control: Show Me the Evidence; presented to the American Association of Nurse Anesthetists Annual Meeting; Boston, MA

### Regional/State

August, 2014 – Perioperative Atrial Fibrillation: An Evidence-based Approach; presented to the Texas Association of Nurse Anesthetists Annual Convention; Plano, TX

September, 2012 - What's the Latest in Cardiovascular Drugs?; presented to the Texas Association of Nurse Anesthetists Annual Meeting; San Antonio, TX

February, 2012 – Propofol Infusion Syndrome; presented to the Texas Association of Nurse Anesthetists (Spring Meeting)

February, 2012 – Intraoperative Glycemic Control: Show Me the Evidence; presented to the Texas Association of Nurse Anesthetists (Spring Meeting)

September, 2009 – A Tale of Anesthesia in a Foreign Land; presented to the Texas Association of Nurse Anesthetists (Fall Meeting)

September, 2008 – Anesthetic Pharmacology of the Autonomic Nervous System; presented to the Texas Association of Nurse Anesthetists (Fall Meeting)

September, 2008 – Preanesthetic Cardiovascular Evaluation; presented to the Texas Association of Nurse Anesthetists (Fall Meeting)

September, 2008 – "This isn't suppose to happen!" A case review of cardiac arrest and airway difficulty following regional anesthesia; presented to the Texas Association of Nurse Anesthetists (Fall Meeting)

March, 2008 – Retrograde Intubation (Skill Station); Texas Anesthesia Conference for Obstetrics Difficult Airway Workshop

September, 2007 – Emerging Trends in Fluid Resuscitation for Trauma; presented to the Texas Association of Nurse Anesthetists (Fall Meeting)

September, 2007 – Anesthesia for Non-Cardiac Surgery in Patients with Cardiac Disease; presented to the Texas Association of Nurse Anesthetists (Fall Meeting)

October, 2006 – “Ouch, That’s Got to Hurt!” A Case Study in the Management of the Traumatized Airway; presented to the Texas Association of Nurse Anesthetists (Fall Meeting)

October, 2006 – “Mi Corazón!” A Case Study in the Management of Perioperative Myocardial Ischemia & Failure; presented to the Texas Association of Nurse Anesthetists (Fall Meeting)

April, 2006 – Physiologic and Pharmacologic Changes Associated with Aging: Anesthetic Implications; presented to the Oklahoma Association of Nurse Anesthetists (Spring Educational Conference)

April, 2006 – Clinical Pharmacology of the Eicosanoids and Derivatives; presented to the Oklahoma Association of Nurse Anesthetists (Spring Educational Conference)

March, 2006 – Retrograde Intubation and Cricothyroidotomy (Skill Station); Texas Association of Nurse Anesthetists (Spring Meeting)

March, 2006 – The Combitube (Skill Station); Texas Anesthesia Conference for Obstetrics Difficult Airway Workshop

September, 2005 – Clinical Pharmacology of the Eicosanoids and Derivatives; presented to the Texas Association of Nurse Anesthetists (Fall Meeting)

April, 2005 – Keeping the Beat: Pacemakers, ICDs, Magnets and Anesthesia; presented to the Texas Association of Nurse Anesthetists (Spring Meeting)

April, 2005 – Guest speaker regarding the nurse anesthesia education practice setting; Texas Association of Nurse Anesthetists (Spring Meeting) – Student Track

## **Local**

January, 2015 – Airway Management in Thoracic Anesthesia; Evidence-based Updates in Thoracic Anesthesia. University of Texas HSC at Houston

April, 2014 – Utilizing High-fidelity Simulation and Debriefing to Improve Novice/Advanced Beginner Nurse Anesthetists' Non-technical skills in Remote Anesthesia Crisis Management Situations (poster and podium presentations); Sigma Theta Tau Research Day

November, 2010 – A Tale of Anesthesia in a Foreign Land; presented to the faculty and students of the University of Texas Health Science Center – Houston (UTHealth) School of Nursing

October, 2005 – Airway Management and the Oxygen-hemoglobin dissociation curve; presented to the Nursing Staff of the Post-Anesthesia Care Unit - Ben Taub General Hospital

December, 2002 – Cyanotic Congenital Heart Disease: An examination of the pathophysiology and non-cardiac surgery anesthetic considerations associated with tetralogy of Fallot and the transposition of the great arteries; presented to the Baylor College of Medicine Graduate Program in Nurse Anesthesia

May, 2002 – Organ Transplantation and Immunosuppressants; presented to the Baylor College of Medicine Graduate Program in Nurse Anesthesia

February, 2002 – Anesthetic Implications of Neuromuscular Disorders; presented to the Baylor College of Medicine Graduate Program in Nurse Anesthesia

## **PROFESSIONAL SERVICE**

### **Professional Memberships**

Society for Simulation in Healthcare (2012-present)

International Nursing Association for Clinical Simulation & Learning (2015- present)

The American Association of Nurse Anesthetists (2000-present)

The National Board on Certification of Nurse Anesthetists, Examination Committee (2007-2008)

Texas Association of Nurse Anesthetists (2000-present)

2003-2010, 2014-2015; Bylaws and Resolutions Committee Member

2005-2013; Program/Education Committee Member

2004-2005; Nominating Committee (Chairperson)

2004-2005, 2007-2008, 2010-2011, 2012-2013, 2014-2015; Finance Committee Member

2014-2015; Practice Committee

2004 Fall TANA Meeting Tellers Committee Member

Sigma Theta Tau, International (Zeta Pi and Delta Eta chapters)

### **Professional & Community Service**

2013- 2015 – What Speeds Up, Must Slow Down: Management of Perioperative Ventricular & Supraventricular Tachycardias; continuing education pharmacology unit provided and donated to the American Association of Nurse Anesthetists AANA *Learn* Online Education forum



2013-2015 – Intraoperative Glycemic Control: Show Me the Evidence; continuing education pharmacology unit provided and donated to the American Association of Nurse Anesthetists AANA *Learn* Online Education forum

2011, 2012, 2014 – Provided manuscript reviews for The Internet Journal of Advanced Nursing Practice

2009 – Faith in Practice Team 229, Village Surgical Team, Retalhuleu, Guatemala. Provided anesthesia support for a village surgical mission trip.