

Monica Jenschke, PhD, CRNA

Curriculum Vitae

PROFILE

Licensed Certified Registered Nurse Anesthetist offering 30 years of distinguished service providing the highest quality of patient care and anesthesia services at state-of-the-art health care facilities to diverse patient populations.

Dedicated Educator with extensive teaching experience at the university level as well as within various clinical settings. Successful in developing a corporate-based education program from the ground up to provide training for and enhance the skills of experienced anesthesia providers.

Highly-respected Key Opinion Leader with publications in peer-reviewed journals and presentations delivered to professional audiences of all sizes nationwide. Academically connected and known for visionary leadership and strategic directions that has improved clinical practice.

CLINICAL EXPERIENCE

NorthStar Anesthesia , Irving, TX / Fort Worth, TX Corporate Education Coordinator , Arlington, TX (2009 – 2012) Certified Registered Nurse Anesthetist , Fort Worth, TX (2000 – Present)	2005—Present
Physician Anesthesia Consultants (acquired by NorthStar Anesthesia) , Fort Worth, TX Baylor All Saints Medical Center (formerly All Saints Episcopal Hospital) , Fort Worth, TX Certified Registered Nurse Anesthetist	1996 – 2005 1995 – 1996
NorthStar Anesthesia , Irving, TX, Fort Worth, TX Fort Worth Anesthesia Care (acquired by NorthStar Anesthesia) , Fort Worth, TX Fort Worth Surgery Center , Fort Worth, TX Certified Registered Nurse Anesthetist	2000 – 2016 2000 – 2005 2000 – 2016
Integrated Medical Professionals , Fort Worth, TX Premier Anesthesia Services , Fort Worth, TX Contract Certified Registered Nurse Anesthetist	1996 – 2003 1996 – 2003

ACADEMIC EXPERIENCE

Texas Christian University , Fort Worth, TX Associate Professor of Professional Practice in Nurse Anesthesia Assistant Director, Advanced Pain Management Fellowship (2020-present) Coordinator, Advanced Pain Management Fellowship (2016-2020)	2012-Present
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Participates in all facets of the educational mission of the school; provides leadership in clinical and outcomes research; integrates evidence-based practice in curriculum; facilitates faculty development in research; participates in classroom and online teaching; serves as liaison with other units in interdisciplinary research projects.

- Course Coordinator, NRAN 82123 Advanced Theoretical Foundations of Pain (2016-2018)
- Course Coordinator, NRAN 82221 Pain Psychology and Spirituality (2017-2020)
- Professor, NRAN 82331 Anatomy and Physiology for Pain Management (2017-2020)
- Course Coordinator, NRAN 60244 Pharmacology of Anesthetic Agents (2012-2015)
- Professor, NRAN 60134 Advanced Pharmacology on select topics (2015-2016)
- Course Coordinator, NRAN 60113 Research and Theory in Nurse Anesthesia (2013-2016)
- Professor (team teach), NRAN 81243 Translational Research (2013-2016; 2020-present)
- Professor (team teach), NRAN 60572, 60672 Advanced Pathophysiology and Clinical Management 1 and 2 (2020-present)
- Wellness coordinator with focus on handling stress, burnout, substance abuse in nurse anesthesia education (2013-present)
- QPR Gatekeeper Trainer (suicide prevention) (2015-present)
- Faculty advisor for 7-14 graduate students annually

- Committees:
 - Interprofessional Research, Education, and Practice Committee (2013-present)
 - Interprofessional Education Committee: Collaboration between University of North Texas Health Science Center and Texas Christian University (2014-present)
 - College Advisory Committee (2015-2017)
 - Tenure and Promotion Committee (2015-2017)
 - Faculty Senate member (2014-2017)
 - Education Evaluation Committee (2014-2016)
 - Student Relations Committee (2016-2017)
 - Admission Committee for School of Nurse Anesthesia (2012-present)
 - Nursing Review Board for Harris College (2016-2017)
 - Program director selection committee (2019)

Texas Wesleyan University, Fort Worth, TX 1999 – 2005
Course Coordinator and Instructor (2003 – 2005)

Taught graduate-level course Medical Pharmacology II, anesthesia pharmacology, to more than 125 students annually through both classroom lectures and video teleconferencing.

Clinical Coordinator (1999 – 2003)

Functioned as Clinical Coordinator between TWU and Physician Anesthesia Consultants / Baylor All Saints Medical Center for 3 RRNAs.

RESEARCH EXPERIENCE

University of North Texas Health Science Center at Fort Worth, Fort Worth, TX 2003 – 2009
Graduate Student & Research Assistant

Conducted research on the effect of aging on the involvement of N-methyl-D-aspartate (NMDA) receptors in postoperative pain. Techniques employed include assessment of rat behavior, biochemical analyses, electrophysiology, and cell culture assays.

MILITARY SERVICE | ADDITIONAL CLINICAL EXPERIENCE

UNITED STATES AIR FORCE 1988 – 2010

Keesler AFB, Biloxi, MS (1999 – 2005, 2006 – 2010)

Lieutenant Colonel | Certified Registered Nurse Anesthetist (reserve duty)

Kirtland AFB, Albuquerque, NM (2005 – 2006)

Major | Certified Registered Nurse Anesthetist (reserve duty)

Seymour Johnson AFB, Goldsboro, NC (1991 – 1999)

Captain | Certified Registered Nurse Anesthetist | Registered Nurse (reserve duty)

Wilford Hall USAF Medical Center, Lackland AFB, TX (1988 – 1991)

First Lieutenant | Registered Nurse (active duty)

EDUCATION, LICENSURE, & CERTIFICATION

University of North Texas Health Science Center at Fort Worth, Fort Worth, TX

Department of Pharmacology and Neuroscience

Doctor of Philosophy in Biomedical Sciences

Texas Wesleyan University, Fort Worth, TX

Master of Health Science

University of Texas Health Science Center at San Antonio School of Nursing, San Antonio, TX

Bachelor of Science in Nursing, Cum Laude

Certified Registered Nurse Anesthetist, National Board on Certification and Recertification of Nurse Anesthetists, AANA #45550

Advanced Practice Registered Nurse, APRN License #AP106286

Texas State Registered Nurse License #540626

ACLS Provider, American Heart Association

BLS Provider, American Heart Association

AFFILIATIONS

International Anesthesia Research Society
American Association of Nurse Anesthetists
Texas Association of Nurse Anesthetists

VOLUNTEER

Jordan Elizabeth Harris Foundation, Fort Worth, TX 2015 – Present
The Jordan E Harris Foundation's mission is "to eradicate suicide by funding depression research, creating awareness through education, erasing the stigma, and providing hope to those who are struggling in silence". Volunteer activities center on providing education sessions to various audiences on suicide prevention, QPR training (question, persuade, refer). Interest in suicide prevention stems from the loss of friends, peers, and colleagues to suicide.

PUBLICATIONS

Adams LM, Jenschke ML, Nguyen T. Effectiveness of a suicide prevention gatekeeper training with first year nurse anesthesia residents. Poster. Sigma Theta Tau 29th International Nursing Research Congress. Melbourne, Australia, July 2018.

Watson J, Alexander G, Dart L, Jenkins D, Jenschke M, Jervas-Roegels S. Enhancing student interprofessional competencies through TeamSTEPPS Training. Poster. American Speech-Language-Hearing Association, Denver, CO, November 12-14, 2015.

Jenschke M, Flores E, Singh M, Sumien N, Forster M, Ratka A. Age-related changes in sensitivity to nociceptive stimuli and expression of spinal cord NR1 in fisher 344 rats. Poster. The American Pain Society's 30th Annual Scientific Meeting. May 2011. Austin, TX.

Jenschke M. Hot Topic! Perioperative Hypothermia: Why does it happen, what can be done to prevent it? Fort Worth Surgery Center. Poster. April 27-29, 2011, Fort Worth, TX.

Ogoh S, Brothers RM, Jenschke M, Secher NH, Raven PB. Estimation of cerebral vascular tone during exercise: Evaluation by critical closing pressure in humans. *Experimental Physiology* 2010; 95(6):678-685.

Jenschke M. Aging confers an increase in sensitivity and sensitization to pain and results in shifts of spinal NR1 expression. Doctoral Dissertation. University of North Texas Health Science Center at Fort Worth. Fort Worth TX. May 2009.

Jenschke M, Flores E, Forster M, Sumien N, Ratka A. The effect of age on postoperative pain in rats. Abstracts. American Pain Society Annual Meeting. May 7-9, 2009. San Diego, California.

Ratka A, Miller V, Brown K, Jenschke M, Simpkins J. Association of various dimensions of hot flashes with systemic levels of gonadal steroids. *Experimental Medicine and Biology* 2009;234(4):395-402.

Brown K, Jenschke M, Bae S, Ratka A, Simpkins J. Role of ethnicity in features of hot flashes in menopausal women. Poster. 15th Annual Congress on Women's Health. June 3-5, 2007. Hilton Head, SC.

Brown K, Miller V, Jenschke M, Perez E, Raut A, Ratka A. Hot flashes and systemic levels of gonadal hormones. Poster. 14th Annual Congress on Women's Health. June 4-6, 2006. Hilton Head, SC.

Hayrapetyan V, Jenschke M, Dillon GH, Machu TK. Co-expression of the 5-HT(3B) subunit with the 5-HT(3A) receptor reduces alcohol sensitivity. *Molecular Brain Research* 2005;142(2):146-50.

Jenschke M, Raut A, Iglewski M, Ratka A. Different effects of hydrogen peroxide on viability of undifferentiated and differentiated SK-N-SH neuroblastoma cells. Abstracts. 35th Annual Meeting of the Society for Neuroscience. November 12-16, 2005. Washington, DC.

SELECT PRESENTATIONS

Jenschke ML. QPR Gatekeeper training: suicide awareness and prevention. Texas Association of Nurse Anesthetists 2018 Annual Convention, Galveston, TX, October 2018.

Jenschke M. Breath focus meditation: benefits of meditation and practice session. Assembly of School Faculty, Hyatt Regency Riverwalk, San Antonio, TX, February 25-27, 2016.

Jenschke M. QPR training (question, persuade, refer), suicide prevention. NorthStar Anesthesia anesthesia staff inservice. Baylor Scott and White All Saints Hospital, April 4, 2016.

Jenschke M. Stress, burnout, and QPR (question, persuade, refer) suicide prevention training. TCU Clinical Coordinator's Conference, Gaylord Texan Hotel and Convention Center, October 23, 2015.

Jenschke M. QPR: Question, Persuade, Refer—ask a question, save a life. Suicide prevention training. Presented to social work undergraduate students, TCU, October 14, 2015.

Jenschke M. Fluid Management: Give 'em what they need when they need it. American Association of Nurse Anesthetists 2013 Annual Meeting, 12 Aug 2013.

Jenschke M. Current Trends in Perioperative Fluid Management. American Association of Nurse Anesthetists 2012 Annual Meeting, 4 Aug 2012, San Francisco, CA.

Jenschke M. Anesthesia's dirty, cold secrets. Texas Association of Nurse Anesthetists 2012 Spring Meeting, 17 February 2012. The Woodlands, TX.

Jenschke M. Bariatric surgery: are you ready for these patients? Texas Association of Nurse Anesthetists 2012 Spring Meeting, 17 February 2012. The Woodlands, TX.

Jenschke M. Did you know anesthesia providers can spread bacteria? Baylor All Saints Medical Center, Anesthesia Education Inservice. April 13, 2011. Fort Worth, TX.

Jenschke M. Propofol + lidocaine: It's a trick, don't do it. Baylor All Saints Medical Center Anesthesia Education Inservice. April 4, 2011. Fort Worth, TX.

Jenschke M. Current trends in perioperative fluid management. Texas Association of Nurse Anesthetists 2010 Fall Meeting. September 26, 2010. Galveston, TX.

Jenschke M. Liposuction: Anesthesia implications. Texas Association of Nurse Anesthetists 2010 Fall Meeting. September 26, 2010. Galveston, TX.

Jenschke M. Perioperative Pain: Why multi-modal analgesia? Baylor All Saints Medical Center, Anesthesia Education Inservice. February 1, 2010. Fort Worth, TX.

Jenschke M. Anesthetic Considerations for postpartum tubal ligations. Baylor All Saints Medical Center, Anesthesia Education Inservice. December 7, 2009. Fort Worth, TX.

Jenschke M, Flores E, Sumien N, Ratka A, Forster M. Aging confers an increase in sensitivity and sensitization to pain and results in shifts of spinal NR1 expression. Presentation of doctoral dissertation. University of North Texas Health Science Center at Fort Worth. March 5, 2009. Fort Worth, TX.

Jenschke M, Flores E, Sumien N, Ratka A, Forster M. The effect of age on post-incisional pain in a rat hairy skin model. University of North Texas Health Science Center at Fort Worth, Neurobiology of Aging Symposium. April 24, 2008. Fort Worth, TX.

Jenschke M, Sumien N, Forster M. Preservation of previously learned spatial location strategies in old vs. young mice. University of North Texas Health Science Center at Fort Worth, Neurobiology of Aging Symposium. March 30, 2007. Fort Worth, TX.

Jenschke M and Ratka A. The role of neuronal differentiation and opioids in response to oxidative stress. University of North Texas Health Science Center at Fort Worth, Neurobiology of Aging Symposium. March 2006. Fort Worth, TX.

Continuing Education & Conferences Attended in last 5 years:

AANA Annual Congress, Chicago, IL, August 9-13, 2019.

AANA Assembly of Didactic and Clinical Educators Meeting, Houston, TX, February 14-16, 2019.

AANA Annual Congress, Boston, MA, September 21-25, 2019.

AANA Assembly of School Faculty Meeting, Scottsdale, AZ, February 15-18, 2019.

AANA Annual Congress, Seattle, WA, September 8-12, 2019.

AANA, Assembly of School Faculty Meeting, Fort Lauderdale, FL, February 23-25, 2017.

Jack Neary Advanced Pain Management Workshop, Part 2. Chicago, IL, October 29-30.

AANA Annual Congress, Washington, DC, September 9-12, 2016.

AANA, Assembly of School Faculty Meeting, San Antonio, TX, February 25-27, 2016.

Mentored DNP Student Portfolio Projects in last 3 years:

Bistransin, Christa. Anesthetic Management of Pheochromocytomas Associated with von Hippel-Lindau Disease. April 2020.

Neatherlin, Megan. Awake Craniotomy Complicated by Dementia. April 2020.

Lilley, Kayla. Airway Complications in a Patient with Rheumatoid Arthritis and Atlantoaxial Subluxation Presenting for a Total Knee Arthroplasty Revision: A Case Report. April 2020.

Kelley, Sarah. Intraoperative Vasopressor Use During Free Tissue Transfer Surgery of the Head and Neck. April 2020.

Gaona, John. Use of Enhanced Recovery Guidelines for Esophagectomy. April 2020.

Steffen, Katey. Management of Sternotomy Pain in the Cardiac Surgery Population Using Liposomal Bupivacaine. April 2020.

Siegrist, Heather. Intraoperative Low-dose Intravenous Ketamine Repeat Boluses vs Infusion in Postoperative Analgesia. April 2019.

Rodriguez, Joshua. The Effects of the Prone Position in Guiding Fluid Therapy. April 2019.

Dowdy, Harley. Anesthetic Implications for Pericardial Effusion. April 2019.

Jackson, Anastasia. Intraoperative Goal-Directed Fluid Therapy for End-Stage Renal Disease. April 2019.

Maarof, Laila. Neuromuscular Blockade Monitoring in Patients Receiving Botulinum Toxin Injections. April 2019.

Wade, Matthew. Anesthetic Management of Perioperative Analgesia for a Patient with Chronic Polysubstance Abuse. April 2019.

Harville, Kate. Use of Clevidipine as an Alternative to Nitroglycerine in Cardiac Surgery. April 2018.

Cloud, Joshua. Anesthesia Management of Myasthenia Gravis. April 2018.

Smith, Kirby. Prevention of Emergence Coughing in Cranial Vessel Repair. April 2018.

Poettcker, Allison. Airway Complications in a Patient with Rheumatoid Arthritis and Achondroplasia Presenting for Temporomandibular Joint Reconstruction: A Case Report. April 2018.

Hampton, Tyler. Intraoperative Magnesium Infusion for Postoperative Pain Management. April 2018.

Bienhoff, Katherine. Airway Surgery for a Patient with Severe Aortic and Mitral Stenosis. April 2018.