

CURRICULUM VITAE
Rachel L. Dubay, DNAP, CRNA

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EDUCATION

Central Connecticut State University
Doctorate Nurse Anesthesia Practice
May 2020

Albany Medical College
Center for Nurse Anesthesiology
Master of Science
November 2013

State University of New York at Plattsburgh
Bachelor of Science in Nursing
May 1998

LICENSURES AND CERTIFICATIONS

NYS Registered Nurse 1998- present License # 503862
NBCRNA Certification 2013-present License #093706
Basic Life Support (BLS)
Advanced Cardiac Life Support (ACLS)

Pediatric Advanced Life Support (PALS)
Infection Control

PRESENT POSITION

Clinical Coordinator
Assistant Professor
Albany Medical College
Center for Nurse Anesthesiology
Albany, New York
December 2017- present

Staff Nurse Anesthetist
Albany Medical Center
Albany, NY 12208
2017-present

Staff Nurse Anesthetist
Anesthesia Group of Albany
2013- 2017 Full time
2017-present Per Diem

FACULTY APPOINTMENTS

Assistant Professor
Albany Medical College
Albany, NY 12208
2018-present

FACULTY MEMBER LECTURES

ANES 604: Advanced Practice Seminar and Current Topics in Nurse Anesthesiology

- Robotic Surgery and Anesthetic Management
- Obesity and Anesthetic Management
- Neurosurgical Procedures and Anesthesia

ANES 512A: Physiology/Pathophysiology for Advanced Clinical Practice

- Clinical Correlation: Hypertrophic Cardiomyopathy and Anesthetic Management

ANES 515: Research Techniques and Nurse Anesthesia Practice

- The Research Process

ANES 519B: Clinical Correlation Conference

Course Director

- Postpartum Hemorrhage and the use of Tranexamic Acid
- Ex Utero Intrapartum Treatment (EXIT) Procedure
- Emergent Caesarean Section (C/S) & Cardiac Complications During Labor & Delivery
- Radical Neck & Difficult Airway
- Pediatric Airway Cases
- Autoimmune Diseases/Musculoskeletal
- Carotid Endarterectomy
- Mitochondrial Diseases
- Chronic Pain
- Local Anesthetic Toxicity
- Anticoagulation & Regional Anesthesia
- Hypothermia
- Thoracic Anesthesia
- Comprehensive Review

ANES 519C: Clinical Correlation Conference

Course Director

- Pituitary Tumors & Transsphenoidal Hypophysectomy
- Intracranial Aneurysm & Ruptured Aneurysm w/ Intracranial Hemorrhage
- Intracranial Mass & Managing Intracranial Pressure
- Anterior Cervical Discectomy and Fusion w/ SSEP & MEP
- Anesthesia for Ruptured Abdominal Aortic Aneurysm
- Dilutional Coagulopathy with Massive Blood Transfusion Protocol
- Transfusion Reactions - TRALI & TACO
- Urosepsis, Cystoscopy, Ureteroscopy and Lithotripsy
- Liver Failure and Transplantation
- Anesthesia Management for Kidney Transplant
- Anesthetic Management for Pheochromocytoma
- One Lung Ventilation DLT and Anesthetic Considerations for VATS and Pneumonectomy
- Managing Patients w/ Sepsis and Multisystem Organ Failure
- Ischemic Heart Disease and Perioperative MI
- Management of Patients under Anesthesia w/Cardiac Pacemakers and AICDs
- Plastics/flap reconstruction surgery
- Enhanced Recovery After Surgery (ERAS)
- Complex Regional Pain Syndromes
- Anesthesia for Myasthenia Gravis & Multiple Sclerosis
- Thyrotoxicosis, Thyroid Storm & Hyperparathyroidism

- Globe Injury, Enucleation and Managing Intraocular Pressure
- Perioperative Ethical Dilemmas of Patients with DNRs, Health Care Proxys & Living Wills
- Brain Death and Organ Harvest: Living and Cadaver Donors

ANES 516A: Research Colloquium

Co-Course Director

- Topics in anesthesiology using current and historical research. Faculty and students critically evaluate weekly journal articles relevant to advanced practice in anesthesia.

ANES 516B: Research Colloquium

Co-Course Director

- Part two course evaluating topics in anesthesiology using current and historical research. Faculty and students critically evaluate weekly journal articles relevant to advanced practice in anesthesia.

CONTRIBUTING FACULTY MEMBER

- ANES 500, 502L, 503L, 504L, 604L and 607L: Low and High-Fidelity Simulations
- 502L, 503L, 504L, 604L and 607L: Clinical Practicum Conference
- ANES 501A Research Project Mentor
- ANES 510B Research Project Mentor

RESEARCH

- *“Ace Inhibitors: Their Affect on Anesthesia - To take or to hold?”*

Mentor: Lynne M Van Wormer, CRNA, MSN

Reader: Denise Martin-Sheridan, CRNA, PhD

DOCTORATE SCOLARLY WORK

- *“Educating the Millennial”*

Mentor: Rachel Rachler, CRNA, DNAP

Reader: Denise Martin-Sheridan, CRNA, PhD

GRADUATE STUDENT RESEARCH MENTOR POSTER AND MEETING PRESENTATIONS

Esposito, D. & Dubay, R (2018). *The Dose Dependent Effect of Remifentanil on Acute Postoperative Analgesia*. Unpublished Master Thesis. AMC Graduate Studies Poster Day.

Zauski, D. & Dubay, R (2018). *The Impact of Anesthetic Technique on the Efficacy of Natural Killer Cells in Patients Undergoing Breast Cancer Surgery*. Unpublished Master Thesis. AMC Graduate Studies Poster Day.

Igoe, A. & Dubay, R (2019). *The Effect of 100% Inspired Oxygen During Emergence on Post-Operative Pulmonary Impairment*. Unpublished Master Thesis. AMC Graduate Studies Poster Day.

Johnson, A. & Dubay, R (2019). *The Impact of Anesthetic Exposure During Childhood on Neurodevelopment Outcomes*. Unpublished Master Thesis. AMC Graduate Studies Poster Day.

Ryumshin, Y. & Dubay, R (2019). *The Influence of Total Intravenous Anesthesia and Volatile Agents on Gastrointestinal Cancer Recurrence*. Unpublished Master Thesis. AMC Graduate Studies Poster Day.

Wellspeak, E. & Dubay, R (2020). *Perioperative Intravenous Dexamethasone Use to Decrease Postoperative Pain*. Unpublished Master Thesis. AMC Graduate Studies Poster Day.

Chahine, J. & Dubay, R (2020). *Ultrasound-Guided Technique in Elective Cesarean Deliveries to Improve Spinal Anesthesia Success Rates in the Difficult to Palpate Landmarks Parturient*. Unpublished Master Thesis. AMC Graduate Studies Poster Day.

Rice, M. & Dubay, R (2020). *The Use of Preoperative Gastric Ultrasound to Assess Aspiration Risk in Patients with Diabetes Mellitus*. Unpublished Master Thesis. AMC Graduate Studies Poster Day.

Scofield, C. & Dubay, R (2020). *Impact of Continuous Non-Invasive Blood Pressure Monitoring in Reducing Intraoperative Hypotension*. Unpublished Master Thesis. AMC Graduate Studies Poster Day.

Chan, S & McNamara, A (2021). *Sugammadex versus Neostigmine: A Look at Cost Effectiveness and Recovery Times*. Unpublished Mater Thesis.

Ebanks, E, Lang, S and Castiglione, A. (2021). *Intravenous Dexmedetomidine to Reduce Cough at Anesthetic Emergence in Surgeries of the Head and Neck*. Unpublished Mater Thesis.

PRESENTATIONS

- “*Ace Inhibitors: Their Affect on Anesthesia-To take or to hold?*”
Kingston, NY; NYSANA Fall Meeting; September 2012
- “*Educating the Millennial*” Albany, NY; September 2019

COMMITTEES

- Admission Committee, Center for Nurse Anesthesiology
2017-present
- Campus Safety for Albany Medical College
2017-present
- Student/Faculty Forum Committee
2017-present

AWARDS

- The Geraldine MacDowell Award for Outstanding Academic and Clinical
Achievement
Center for Nurse Anesthesiology
November 2013

PROFESSIONAL ASSOCIATIONS

- New York State Association of Nurse Anesthetists (NYSANA) 2011-present
- American Association of Nurse Anesthetists (AANA) 2011-present
- New England Assembly of School Faculty 2017-present
- New Your Academy of Sciences 2020-present