

CURRICULUM VITAE

Giovanna M. Mahar, CRNA, DNAP

- LICENSURE:** New York State RN # 536105-1
AANA # 083344
Current BLS, ACLS, and PALS provider
Current BLS, ACLS, and PALS instructor
- RECERTIFICATION:** CRNA recertification 2011 to present
New York State RN recertification 2003 to present
- EDUCATION:** Siena College, 1997

Hudson Valley Community College, 1998-2001

State University of New York at Buffalo, School of Nursing,
Bachelor of Science in Nursing, 1998-2001

Albany Medical College, Center for Nurse Anesthesiology, Master
of Science, 2007-2009

Virginia Commonwealth University, DNAP
May 2015-May 2017
- PRESENT POSITION:** Assistant Center Director
Nurse Anesthesiology Program
Albany Medical College, Center for Nurse Anesthesiology
Albany, New York
July 2016-present
- PREVIOUS POSITION:** Assistant Clinical Director
Nurse Anesthesiology Program
Albany Medical College, Center for Nurse Anesthesiology
Albany, New York
July 2013-July 2016

Staff Nurse Anesthetist, Albany Medical Center
Albany, New York
January 2010 to Present

Staff Nurse Anesthetist, Berkshire Medical Center
Pittsfield, Massachusetts
December 2009 to December 2015

FACULTY

APPOINTMENTS:

Associate Professor
Albany Medical College
2020-present

Assistant Professor
Albany Medical College
2015-2020

CENTER ROLES:

Assistant Center Director
Center for Nurse Anesthesiology
2016-Present

Academic Coordinator-Year 2
Center for Nurse Anesthesiology
2016-present

Assistant Clinical Graduate Director
Center for Nurse Anesthesiology
2013 to 2016

Clinical and Didactic Instructor
Albany Medical College
July 2013 to 2015

FACULTY MEMBER**LECTURES:**

ANES 500: Principles of Anesthesiology
Course Director

Lectures:

- The Specialty Practice of Nurse Anesthesia
- Types of Anesthesia
- The History of Nurse Anesthesia
- Anesthetic Pharmacology I- Inhalation Agents
- Anesthetic Pharmacology II - IV Agents
- Anesthetic Pharmacology III- Neuromuscular Blocking Agents
- Accruing & Documenting Anesthetic Data/Anesthesia Charting & Billing
- Preparing for Anesthesia I- Managing the Airway
- Preparing for Anesthesia II- Patient Assessment
- Anesthetic Machines and Equipment I & II
- Anesthetic Management II - The Pediatric Patient
- Anesthesia Machine In-service

ANES 507B: Pharmacology for Advanced Clinical Practice

Lectures:

- Pharmacology of Neuromuscular Blocking Agents
- Pharmacology of Inhalation Agents

- Pharmacology of Intravenous Anesthetics

ANES 518 Principles of Advanced Nurse Anesthesiology Practice
Course Director

Lectures:

- Management of Fluids and Electrolytes
- Anesthesia Considerations for Pediatrics

ANES 512A Physiology/Pathophysiology for Advanced Clinical Practice

Lectures:

- Clinical Correlation: Myasthenia Gravis
- Clinical Correlation: Managing a Patient with Abnormal Hemostasis

ANES 513A & B Health Assessment for Advanced Clinical Practice

Assistant Course Director

Lectures:

- Anesthesia for Vascular Diseases across the lifespan
- Anesthesia for Gastrointestinal Diseases I: GERD, Esophageal disorders, Peptic Ulcer Disease
- Anesthesia for Gastrointestinal Diseases II: Carcinoid syndrome, Bowel obstruction, IBS and Ischemic Bowel disease

ANES 515 Research Techniques and Nurse Anesthesia Practice

Lectures:

- Qualitative Research
- Quantitative Research

ANES 600 Advanced Principle of Anesthesia Management for Advanced Clinical Practice

Course Director

Lectures:

- Non-obstetric Surgery in the Parturient
- Pediatric Ambulatory Anesthesia

ANES 604 Advanced Practice Seminar and Current Topics in Nurse Anesthesiology

Course Director

Lectures:

- Coagulation and Hemotherapy
- Herbal Medications
- Immune System & Anesthetic Implications

CONTRIBUTING

FACULTY MEMBER: ANES 503L, 504L, 604L and 607L: Low & High-Fidelity Simulations

ANES 501 Research Project Mentor

PAST PROFESSIONAL EXPERIENCE: Staff Nurse, Surgical Intensive Care Unit, Albany Medical Center Hospital
June 2001- August 2009

PROFESSIONAL SOCIETY MEMBERSHIP AND ACTIVITIES:

American Association of Nurse Anesthetists, 2009 – present
New York State Association of Nurse Anesthetists, (NYSANA) 2009 – present

Immediate Past President,
10/2022-10/2023

President,
10/2021-10/2022

Vice President,
4/2021-10/2021

COVID-19 Task Force,
2020 – 2022

Board of Directors,
2019 – present

Government Relations Committee,
2019 – present

Public Relations Committee,
2019 – 2022

Education Districts Committee,
2019 – present

NYSANA, Capital District, 2009 – present

NEANA, 2009 – present

New England Assembly of School Faculty (NEASF), 2013 – present; Secretary, 2018-Present

COMMITTEES:

Albany Medical Center Hospital:
Quality Improvement Team/Operating Room Committee
2014-2017

Center for Nurse Anesthesiology:
Student/Faculty Forum Committee
2013- present

CNA Admission Committee
2013- present

Graduate Student Awards Committee
2013- present

Albany Medical College:
Campus Safety Committee
2013-2016

Executive Committee
2016-present

Graduate Studies Organization Committee
2016-present

Disabilities Accommodations Committee
2016-present

Wellness Committee
2016-present

Curriculum Committee
2018-present

Sosa Award Selection Committee
2019-present

**Graduate Student
Research Mentor:**

Collins, Sarah. (2014) The Efficacy of Adductor Canal Block Compared to Femoral Nerve Block in Total Knee Arthroplasty. Unpublished Master Thesis.

Reck, Geoff. (2014) Attenuating the Hemodynamic Effects of Direct Laryngoscopy and Tracheal Intubation when comparing the use of Fentanyl versus Esmolol. Unpublished Master Thesis.

Davis, Richard. (2015) The Use of Ketamine in Traumatic Brain Injuries in a Combat Theater. Unpublished Master Thesis.

Straigis, B. Jason. (2015) The Use of Intraosseous Access as an Intermediate Option with IV Access Failure in Anesthesia. Unpublished Master Thesis.

Van Etten, Brett. (2015) Effects of Propofol and Ketamine vs. Propofol and Opioids Respiratory Depression in Adults Undergoing MAC Anesthesia. Unpublished Master Thesis.

Waters, Crystal. (2015) Inhaled Nitric Oxide and the Reduction of Right Heart Failure in Patients with an Implanted Left Ventricular Assist Device. Unpublished Master Thesis.

Ghazanfar, Mustafa. (2016) The Effects of Volatile Anesthetics on REM Sleep Homeostasis. Unpublished Master Thesis.

Kapusniak, Monika. (2016) Preoperative HbA1c in Nondiabetic Patients Undergoing Elective Non-Cardiac Surgery as an Indicator of Postoperative Morbidity and Mortality. Unpublished Master Thesis.

Knight, Patrick. (2016) The Effect of Remote Ischemic Preconditioning on Acute Kidney Injury in Patients Undergoing Cardiac Surgery. Unpublished Master Thesis.

Pieper, Gregory. (2016) Lung Protection during Mechanical Ventilation in General Anesthesia. Unpublished Master Thesis.

Sullivan, Kelsey. (2016) The Influence of Production Pressure on Patient Safety in the Operating Room. Unpublished Master Thesis.

Crandall, Rashmi. (2017) Prophylactic Ondansetron in Attenuating Spinal-Induced Hypotension and Bradycardia. Unpublished Master Thesis.

Grable, Natalie. (2017) The Pharmacodynamic Effects of the Single Nucleotide Polymorphism A118G on the μ -1 Opioid Receptor and its Relationship with Perioperative Morphine Consumption in Adults Undergoing Abdominal Surgery. Unpublished Master Thesis.

Lange, Clinton. (2017) First Attempt Success in Radial Artery Catheter Cannulation Using Ultrasound Compared to Traditional Techniques. Unpublished Master Thesis.

Tran, Vanessa. (2017) Ketorolac Administration and Bleeding in the Neurosurgical Patient. Unpublished Master Thesis.

Garafalo, Nicolas. (2018) Effects of Perioperative Ketorolac on the Incidence of Postoperative Hematoma in Breast Surgery. Unpublished Master Thesis.

Guernsey, Timothy. (2018) Incivility and the Healthcare Student. Unpublished Master Thesis.

McKelvey, Kyle. (2018) The Intraoperative Use of High Positive End Expiratory Pressure and Recruitment Maneuvers During Major Abdominal Surgery. Unpublished Master Thesis.

Sari, Alba. (2018) Utilizing an Enhanced Recovery After Surgery Protocol in Primary Hip and Knee Arthroplasty. Unpublished Master Thesis.

Stevens, Catherina. (2018) Hereditary Angio-edema in the Perioperative Setting. Unpublished Master Thesis.

Tram, Vinh. (2018) Music Therapy: A Non-Pharmacological Approach to Anxiety Reduction in Surgical Patients. Unpublished Master Thesis.

Andrews, Adam. (2019) Remifentanyl's Effects on the Surgical Stress Response. Unpublished Master Thesis.

Fisher, Morgan. (2019) The Effect of Dexmedetomidine on Emergence Delirium in Pediatric Patients. Unpublished Master Thesis.

Jacob, James. (2019) Frailty as a Predictor of Post-Operative Outcomes. Unpublished Master Thesis.

Markland, TakiyahAyana. (2019) The Effects of Memantine on Pain Relief. Unpublished Master Thesis.

Lachance, Eloise. (2020) Integrity and Performance of N95 Respirators Following Decontamination for the Purpose of Reuse. Unpublished Master Thesis.

Manacop, Keren Rae. (2020) Efficacy of Ondansetron in Mitigating Spinal and General Anesthesia Induced Hypotension. Unpublished Master Thesis.

No, Kyung Moon. (2020) The Use of Electrical Impedance Tomography to Guide PEEP Determination. Unpublished Master Thesis.

Waters, Samantha. (2020) Effects of Music Therapy on Perioperative Anxiety During Awake Anesthesia. Unpublished Master Thesis.

Montgomery, Ellington & Zajac, Charles. (2021) Virtual Reality Distraction Therapy to Reduce Procedural Pain and Anxiety in Pediatric Patients. Unpublished Master Thesis.

GUEST

LECTURER:

March 2012, Region 1 Meeting for the American Society of Anesthesia Technicians and Technologists

September 2014, NYSANA Fall Meeting. BLS, ACLS and PALS refresher course.

September 2015, NYSANA Fall Meeting. BLS, ACLS and PALS refresher course.

September 2016, NYSANA Fall Meeting. BLS, ACLS and PALS refresher course.

September 2017, NYSANA Fall Meeting. BLS, ACLS and PALS refresher course.

September 2019, NYSANA Fall Meeting. BLS, ACLS and PALS refresher course.

Publications:

“Full practice authority in Veteran’s healthcare,” Hudson 360, Nov 2021

“The importance of safe anesthesia during dental care,”
DentistryToday.com, Feb 2022

Journal Reviewer:

Primary and secondary reviewer for the *International Student Journal of Nurse Anesthesia*. 2014-Present.

International Student Journal of Nurse Anesthesia. Adenosine to Treat Ventricular Dysfunction after Cardiopulmonary Bypass.

International Student Journal of Nurse Anesthesia. Anesthetic Management for Liver Resection.

International Student Journal of Nurse Anesthesia. Neuromuscular Blocking Agents and the Laryngeal Mask Airway.

International Student Journal of Nurse Anesthesia. Anesthetic Considerations of the Pediatric Patient with Trisomy 21.

International Student Journal of Nurse Anesthesia. Anesthesia Consideration for the Patient with End Stage Renal Disease.