
BRITTANY A. BUNKER

WORK EXPERIENCE

Anesthesia Partners of Colorado, Vail, CO. September, 2023-present
University of Colorado, Aurora, CO. October, 2023-present
Medicus Locums Tenens, St. Joseph's Hospital, Denver, CO. March, 2023- September, 2023.
Prime Anesthesia, PLLC, Denver, CO. June 2022- March 2023
US Anesthesia Partners of Colorado, Denver, CO. August 2021-June 2022

CERTIFICATIONS AND LICENSURE

American Board of Anesthesiologists, Board Certified October, 2022
Advanced Cardiac Life Support
Pediatric Advanced Life Support
Basic Life Support
Colorado State Medical Board

EDUCATION AND TRAINING

University of Virginia Health System, Charlottesville, VA. 2017- June, 2021

Internship(Categorical Anesthesiology)
Anesthesiology Residency

University of Arizona College of Medicine, Tucson, AZ. 2013-2017
Doctor of Medicine

Northern Arizona University, Flagstaff, AZ. 2007-2011
Bachelor of Science, Chemistry
Magna Cum Laude

Rijkuniversiteit Groningen, Groningen, The Netherlands. 2010
Dutch History, International Human Rights

RESEARCH

Emory University, Atlanta, GA
Foundation for Anesthesia Education and Research(FAER) Medical Student Research Assistant
Principle Investigator: Dr. Andrew Jenkins, PhD
Worked in laboratory transfecting human embryonic kidney cells with GABA-A receptor and used novel yellow fluorescent protein-based assay to assess GABA-A receptor activity with various halides and pharmacologic modulators (namely GABA and Propofol). July-August 2016

University of Arizona College of Medicine. Tucson, AZ
Medical Student Research Assistant
Principle Investigator: Dr. Amol Patwardhan, MD, PhD
Collected spinal cord samples from mice and performed immunofluorescence to evaluate analgesic and tumorigenic properties of Contulakin-G, a neurotensin-1 receptor agonist with receptor binding.
September 2015-May 2017

University of Arizona, Department of Surgical Oncology

Incidence of Colorectal Carcinoma in Arizona: A Comparison to National Trends

Principle Investigator: Valentine Nfonsam, MD, FACS

Collected and analyzed data on incidence of colorectal carcinoma in various patient populations in Arizona and compared to national trends. 2016

W.L. Gore and Associates, Flagstaff, AZ

Research and Development Technician, Chemical Engineering Department

Worked on a team to develop lubricant coatings for catheters, particularly for atrial septal occluder devices. Designed and conducted experiments to assess friction, tensile strength, particulation and various other properties of proprietary polymer coatings. May 2011-July 2013.

LECTURES AND PRESENTATIONS

“A Case Report: General Anesthesia for Induction of Labor and Vaginal Delivery in a Parturient with Newly Diagnosed AML”

Poster Presentation. Society for Obstetric Anesthesia and Perinatology Annual Meeting, Halifax, Nova Scotia. May 2020

“Chest Closure Catastrophe: A Case Report of Post-Cardiotomy Cardiogenic Shock in a Young Patient”

Poster Presentation. Society of Cardiovascular Anesthesiologists Annual Meeting, West Palm Beach, FL. April 2020

“A Case Report: General Anesthesia for Induction of Labor and Vaginal Delivery in a Parturient with Newly Diagnosed AML”

Presentation. University of Virginia Global Health Telemedicine Conference, Charlottesville, VA. September 26, 2019.

“Ten Year Analysis of Saccular Aneurysms in the Barrow Ruptured Aneurysm Trial”

Resident Presenter. University of Virginia Resident Conference, Neuroanesthesiology Journal Club. Charlottesville, VA. June 3, 2019.

“Gender Differences in Perception of Workplace Experience Among Anesthesiology Residents”

Resident Presenter. University of Virginia Women in Anesthesiology Journal Club. Charlottesville, VA. July 6, 2019.

“Measuring GABA_A Receptor Activation and Modulation Using A Yellow Fluorescent Protein Halide Sensor”

Oral and Poster Presentation. American Society of Anesthesiologists Annual Meeting, Chicago, IL; October 2016.

“Incidence of Colorectal Carcinoma in Arizona: A Comparison to National Trends”

Poster Presentation. American Society of Women Surgeons. September, Washington DC; October 2016.

PUBLICATIONS

C. Sumner, B. Bunker, E. Gillig, A. Kleiman, International Anesthesia Research Society, *Orthotopic Liver Transplant in a Patient with Treacher Collins Syndrome with known Difficult Airway*, 2020

B. Bunker, K. Esfahani, A. Kleiman, *Advances in Anesthesia: Anesthetic Considerations for Endovascular Neurological Procedures*. 2019

Bunker, B. OpenAnesthesia Keys To The Cart Podcast Keyword Contributions:

- Arginine Vasopressin: Mechanism of Action, November 15, 2019
- Vasopressin: CV Effects, Arginine Vasopressin: Mechanism of Action, November 15, 2019
- Low-Tidal Volume Ventilation: Lung Protective Effects, November 15, 2019
- Lung Isolation in Patients with Tracheostomies Undergoing Lung Transplantation, November 15, 2019

Bunker, B. OpenAnesthesia Keyword and Self Study Plus Contributions:

- Local Anesthetic Toxicity Syndrome Treatment, 2021
- Diabetes: Autonomic Neuropathy, 2021
- Physiologic Changes of Pregnancy: Time Course, 2020
- Postoperative Visual Loss: Risk Factors, 2020
- Bier Block Limitations, 2019
- Digoxin Toxicity: ECG, 2019
- Lung Compliance: Measurement, 2018
- Nerve Gas Poisoning: Treatment, 2018

AWARDS AND HONORS

Excellence in Performance Assessment Award, University of Virginia, 2020-2021

Community Service Distinction Track, University of Arizona College of Medicine, 2017

Rural Health Professions Distinction Track, University of Arizona College of Medicine, 2017

Excellence in Chemistry Award, Northern Arizona University, 2011

Golden Eagle Scholar Athlete Award, Northern Arizona University, Cross Country and Track and Field, 2007-2008

LEADERSHIP

Global Health Leadership Track, University of Virginia

Completed intensive two-week course on global health policy, practice and education. Attended regular didactic sessions, journal club and international grand rounds. Will complete one month anesthesia rotation in Rwanda in 2020.

Anesthesiology Residency Social Media Co-Creator and Manager, University of Virginia. Created resident Instagram account to document department happenings, feature residents and faculty profiles and facilitate interest in residency program. Planned welcome parties for new residents, coordinated social events and designed department jackets and T-shirts.

University of Virginia Anesthesiology Running Team Captain, 2018-2021

Anesthesiology Interest Group, President. University of Arizona College of Medicine 2014-2015

Wilderness Medicine Interest Group, President. University of Arizona College of Medicine 2014-2015

VOLUNTEER WORK

Commitment to Underserved People (CUP) August 2013 – 2017

University of Arizona College of Medicine, Tucson, AZ. Student Coordinator for Juniors Active in Wheelchair Sports(JAWS) and Casa de Los Niño's. 180 logged hours of volunteer service

Preventative Search and Rescue, Grand Canyon National Park, 2011, 2012, 2013 seasons

Worked in conjunction with the National Park Service Emergency Medicine services to provide preventative and wilderness first responder(WFR) medical care to hikers in Grand Canyon National Park. 90 hours of trail volunteer service logged.