

BRIANNA R. DUPRE, PA-C

SUMMARY

Passionate and driven physician assistant in the Department of Epilepsy at the University of Colorado School of Medicine. Patient advocate with a desire to build strong relationships. Possess skills in complex neurological evaluation, interpretation of neuroimaging, and collaborative decision making. Excel in communication, adaptability, and a positive attitude ensuring optimal patient care.



CONTACT

Phone: (720) 848-2080

Address: 1635 Aurora Ct, 4th Floor,
Aurora, CO 80045

EXPERIENCE

Physician Assistant, Instructor, 09/2025 – Present

Department of Neurology, Epilepsy Division

University Of Colorado Anschutz Medical Campus - Aurora, CO

- Provider in both outpatient and inpatient setting within the Epilepsy Monitoring Unit (EMU). Skilled in managing and treating complex epilepsy patients, providing comprehensive patient education, and offering counseling and monitoring for vagus nerve stimulation (VNS) device. Collaborates closely with attending physicians and advanced practice providers to ensure high-quality, coordinated care. Actively involved in teaching and mentoring medical students and residents rotating through the EMU.

Advanced Practice Provider Fellow, 08/2024 – 07/2025

Department of Neurology

University Of Colorado Anschutz Medical Campus - Aurora, CO

- The APP Neurology Fellowship provided twelve months of in-depth training with rotations through various subspecialties at Anschutz Medical Campus. These subspecialties include epilepsy, stroke, multiple sclerosis, neuro-ophthalmology, headache, behavioral neurology, general neurology, movement disorders, neuro-oncology, neuromuscular disorders, inpatient consults, and neuro-infectious disease.
 - Role included diagnosing, treating, and monitoring patients with a variety of neurological conditions. Proficiency in procedural skills including Botox, nerve blocks, trigger point injections, and lumbar punctures
 - Learning curriculum to include weekly grand rounds, case conferences, didactic sessions, and journal clubs.
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SKILLS

- Collaboration and teamwork
- Neuroimaging interpretation
- Clinical assessment
- Experience with Epic
- Neurological examination
- Patient education
- Medication management
- VNS device management
- Inpatient and outpatient experience
- Detail oriented and organized

EDUCATION AND TRAINING

Master of Science, Physician Assistant Studies, 08/2023

Rocky Mountain College - Billings, MT

- Didactic Year: 14-month didactic year coursework including gross anatomy with cadaver lab, biostatistics, medical genetics, physiology, history and physical examination, differential diagnosis and all medical specialties with integrated pathophysiology, pharmacotherapeutics, and laboratory medicine. Additional coursework included evidence-based medicine and professional issues.
- Clinical Rotations: 12 months to include elective rotation in neurology, rotations in primary care, internal medicine, emergency medicine, psychiatry, general surgery, women's health, and pediatrics.

Bachelor of Science, Health and Exercise Science, 08/2018

Colorado State University - Fort Collins, CO

LICENSES

Colorado Medical Board Physician Assistant License, 09/2023 – Present

CERTIFICATIONS

National Commission on the Certification of Physician Assistants,
09/2023 – Present

Basic Life Support, 07/2024 – 07/2026

NIH Stroke Scale Certified, April 2023

OTHER RELEVANT EXPERIENCE

SARS-CoV-2 Study Coordinator, 05/2020 – 05/2021

- Partnered with the Colorado Department of Public Health and Environment to provide COVID-19 surveillance testing for staff and residents in skilled nursing facilities in Colorado. Responsibilities included interfacing with nursing facilities, the research team, local and state health departments, medical couriers, as well as logistics and organization of the project.

Research Associate, 08/2018 – 05/2020

Colorado State University, Fort Collins, CO

Human Cardiovascular Physiology Laboratory

- Overview: The Human Cardiovascular Physiology Lab aims to understand the regulation of blood flow to peripheral tissues in humans and further understand how the basic control mechanisms become impaired with aging and disease.
- Roles included assisting in studies involving arterial line insertion, core coordinator of Medtronic clinical device research study, data analysis, data interpretation, and professional presentations.

Heart Disease Prevention Program

- Overview: The Heart Disease Prevention Program supports the health and wellness of fire and law agencies and assesses risk factors for cardiovascular disease in these individuals.
 - Roles included performing DEXA scans, graded exercise testing, pulmonary function tests, strength assessments, and more.
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PUBLICATIONS AND ABSTRACTS

- Skeletal Muscle Blood Flow During Exercise in People with Multiple Sclerosis, Nathaniel B. Ketelhut, Brianna R. Dupre, Janée D. Terwoord, Nate P. Bachman, Meghan E. Smith, Jacob L. Anna, Frank A. Dinunno, *College of Health and Human Sciences Research Day*, Fort Collins, CO, 03/2020
 - Exercise Hyperemia is Preserved During Augmented Basal Oxygen Delivery in Humans, Jacob L. Anna, Janée D. Terwoord, Nathan B. Ketelhut, Nate P. Bachman, Meghan E. Smith, Brianna R. Dupre, Jennifer C. Richards, Frank A. Dinunno, *The FASEB Journal*, 04/2020
 - Self-selected fluid volume and flavor strength does not alter fluid intake, body mass loss, or physiological strain during moderate-intensity exercise in the heat, Nathan J. Deming, Kyle W. Carr, Jacob L. Anna, Brianna R. Dupre, Meghan E. Smith, Frank A. Dinunno, Jennifer C. Richards, *Journal of Thermal Biology*, 03/2020
 - Ability of bioimpedance spectroscopy to measure changes in total body water during exercise in humans, Jacob L. Anna, Jennifer C. Richards, Brianna R. Dupre, Scott L. Fahrner, Christopher Bell, Barry Braun, Frank A. Dinunno, *Rocky Mountain American College of Sports Medicine*, Denver, CO, 03/2019
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SERVICE INVOLVEMENT

- Humane Society of the Pikes Peak Region, 2025 – Present
 - Scrub Run, 2021
 - Alzheimer's Association, 2018 – 2020
 - Adaptive Recreation Opportunities, 2018 – 2019
 - Habitat for Humanity, 2018
 - Special Olympics, 2016 – 2017
 - Colorado State University Best Buddies, 2016
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