

09/07/2018

Maighdlin Williams Anderson DNP, RN, CRNP, ACNP-BC, CCRN
CURRICULUM VITAE

BUSINESS ADDRESS: University of Pittsburgh **TELEPHONE:** 412-648-4351
School of Nursing
Department of Acute and Tertiary Care
324 Victoria Building
3500 Victoria Street
Pittsburgh, PA 15261

EDUCATION

Undergraduate

May 2008 Francis Marion University Degree: BSN
Florence, SC Nursing
Magna Cum Laude

Graduate

May 2012 University of Pittsburgh Degree: MSN
Pittsburgh, PA Acute Care Nurse Practitioner
Trauma and Emergency concentration

August 2017 University of Pittsburgh Degree: DNP
Pittsburgh, PA Post-Master's DNP
Acute Care Nurse Practitioner
DNP Capstone: Piloting quantitative pupillometry for routine use after severe traumatic brain injury

Other education

August 2009 Duquesne University Forensic Nursing
Pittsburgh, PA Sexual Assault Nurse Examiner Course
Certificate issued
1 semester

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APPOINTMENTS AND POSITIONS

Academic

Aug 2018 to present	University of Pittsburgh School of Nursing Department of Acute/Tertiary Care Pittsburgh, PA	Assistant Professor Hybrid appointment Adult-Gerontology Acute Care Nurse Practitioner Program and BSN Program Clinical Instructor
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Non-academic

May 2017-Aug 2018	Division of Infectious Disease Department of Medicine UPMC Presbyterian UPMC Magee Women's Hospital Pittsburgh, AP	Senior Advanced Practice Provider OPAT Program Center for the Care of Infectious Disease
Dec 2016-May 2017	Department of Critical Care Medicine UPMC Presbyterian University of Pittsburgh Physicians Pittsburgh, PA	Senior Advanced Practice Provider Night Intensivist Neurotrauma ICU
May 2012-Dec 2016	Department of Critical Care Medicine UPMC Presbyterian University of Pittsburgh Physicians Pittsburgh, PA	Advanced Practice Provider Night Intensivist Neurotrauma ICU
July 2008 – May 2012	UPMC Presbyterian Pittsburgh, PA	Professional Staff Nurse Neurotrauma ICU *Charge Nurse
May 2009–Aug 2011	Sexual Assault Team of Allegheny County Pittsburgh, PA	Sexual Assault Nurse Examiner Rotating, on-call SANE RN
Jan 2008-June 2008	McLeod Regional Health Center Florence, SC	Unit Secretary Emergency Department
Jan 2006-July 2006	University of Maryland Biotechnology Institute Baltimore, MD	Research Assistant Atomic force microscopy Prion proteins

Aug 2001-July 2005	University of York Structural Biology Institute York, UK	Research Assistant Gene identification, isolation, protein synthesis and purification for disease research
Aug 2000-May 2001	University of California Santa Cruz Department of Physics Santa Cruz, CA	Research Assistant Atomic force microscopy amyloid fibrils

LICENSURE AND CERTIFICATION

Licenses

2008 - present	RN license, Commonwealth of Pennsylvania #RN597862
2012-present	CRNP license, Commonwealth of Pennsylvania #SP012186
2012-2014	CRNP Prescriptive Authority, Commonwealth of Pennsylvania #020261 (Inactive as of 5/2014) Collaborating Physician: Samuel Tisherman
2014-2017	CRNP Prescriptive Authority, Commonwealth of Pennsylvania #015917 (Inactive as of 5/2017) Collaborating Physician: Lori Shutter
2017-2018	CRNP Prescriptive Authority, Commonwealth of Pennsylvania #029323 (Inactive as of 5/2014) Collaborating Physician: Kathleen Sheridan

Certifications

2008 to present	Provider, Basic Life Support, Health Care Provider American Heart Association
2008 to present	Provider, Advanced Cardiac Life Support American Heart Association
2010-present	CCRN Certification American Association of Critical-Care Nurses Certification Number: 988860
2012-present	Controlled Substance Registration Certificate, US Department of Justice, Drug Enforcement Administration

2012-present	Acute Care Nurse Practitioner Certification (ACNP-BC) American Nurses Credentialing Center Certification Number: 2012005502
2014-present	Advanced Trauma Life Support certification American College of Surgeons
2015-present	Emergency Neurological Life Support certification Neurocritical Care Society
2016	'Train the Trainer' teacher training Emergency Neurological Life Support Neurocritical Care Society

MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

Current memberships

2018 - present	Infectious Disease Society of America
2017-present	Neurocritical Care Society
2011-present	Pennsylvania Coalition of Nurse Practitioners
2008-present	Association of Critical Care Nurses

Past memberships

2017-2018	Eastern Nursing Research Society
2012-2017	Society of Critical Care Medicine Member – Nursing Section Member- ICU Design Award Committee Reviewer- submitted abstracts
2009-2011	International Association of Forensic Nurses
2006-2008	Student Nurses Association of South Carolina 2006-2007 – Legislative Director

HONORS AND AWARDS

- 2006 Recipient of McLeod Health scholarship to complete full-time college education towards a BSN in Nursing
Florence, SC
- 2008 Francis Marion University Nursing Honor Society
Florence, SC
- 2008 Graduated Magna Cum Laude
Francis Marion University
Florence, SC
- 2014 “Most Accessed Online 2013” awarded by the Journal of Trauma Nursing for the article “Traumatic Shock; the Fifth Shock”. Anderson, M., and Watson, G.
- 2017 DNP Capstone Project “Piloting quantitative pupillometry for routine use after severe traumatic brain injury” chosen as the University of Pittsburgh School of Nursing’s abstract (DNP level) to be submitted to the Eastern Nursing Research Society annual conference.

PUBLICATIONS

Refereed Articles

1. Elmer, J., Flickenger, K.L., **Anderson, M.W.**, Koller, A., Sunderman, M., Dezfulian, C., Okonkwo, D.O., Shutter, L.A., Salcido, D., and Callaway, Clifton. (2018). Effect of neuromonitor guided titrated care on brain tissue hypoxia after opioid overdose cardiac arrest. *Resuscitation. 129*; 121-126.
2. **Anderson, M.**, Elmer, J., Shutter, L., Puccio, A., and Alexander, S. (2018). Integrating quantitative pupillometry into regular care in a neurotrauma intensive care unit. *Journal of Neuroscience Nursing. 50*(1):30-36.
3. **Anderson, M.** and Watson, G. (2013). Traumatic shock: the fifth shock. *Journal of Trauma Nurses. 20*(1): 37-43.
4. **Anderson, M.**, Bocharova, O.V., Makarava, N.M., Breydo, L., Salnikov, V.S., and Baskokov, I.V. (2006). High polymorphism and ultrastructural organization of prion protein amyloid fibrils: an insight from high-resolution atomic force microscopy. *Journal of Molecular Biology. 358*(2): 580-596.
5. Bocharova, O.V., Makarava, N.M., Breydo, L., **Anderson, M.**, Salnikov, V.S., and Baskokov, I.V. (2006). Annealing Prp amyloid fibrils at high temperature results in extension of a proteinase K resistant core. *Journal of Biological Chemistry. 281*(4): 2373-2379.

6. Makarava, N.M., Bocharova, O.V., Breydo, L., Salnikov, V.S., **Anderson, M.** and Baskokov, I.V. (2006). Dichotomous versus palm-type mechanisms of lateral assembly of amyloid fibrils. *Protein Science*. 15(6): 1334-1341.
7. Breydo, L., Bocharova, O.V., Makarava, N.M., Salnikov, V.S., **Anderson, M.**, and Baskokov, I.V. (2005). Methionine oxidation interferes with conversion of the prion protein into the fibrillar proteinase K-resistant conformation. *Biochemistry*. 44(47):15534-43.
8. Khurana, R., Ionescu-Zanetti, C., **Pope (Anderson), M.**, Li, J., Nielson, L., Ramirez-Alvarado, M., Regan, L., Fink, A.L., and Carter, S.A. (2003). A general model for amyloid fibril assembly based on morphological studies using atomic force microscopy. *Biophysical Journal* 2:1135-44.

Published Abstracts

1. **Anderson, M.**, Alexander, S., Puccio, A. and Shutter, L.A. (2016). Evaluation of an automated pupillometer during routine neurological assessments in the acute care of the severe traumatic brain injury patient. *Nursing Research*, 44(2); E35-E35.
2. **Anderson, M.**, Alexander, S., Puccio, A., Elmer, J. and Shutter, L. (2016). 779: Piloting quantitative pupillometry for routine use after severe traumatic brain injury. *Critical Care Medicine*, 44(12); p 271.
3. **Anderson, M.**, Alexander, S., Puccio, A. and Shutter, L.A. (2016). Evaluation of an automated pupillometer during routine neurological assessments in the acute care of the severe traumatic brain injury patient. University of Pittsburgh Critical Care Medicine, 5th Annual Mitchell P. Fink Scholar Day Abstracts.
4. **Anderson, M.**, Wingfield, J., & Sheridan, K. (2018). Expansion of outpatient parenteral antibiotic therapy program with addition of advanced practice providers can lead to reduced readmission rates. *Infectious Disease Society of America*. (In press).
5. Sheridan, K., Wingfield, J., **Anderson, M.**, & McKibbin, L. (2018). Sustained reduction in 30 day readmission rates after implementation of an OPAT program in an academic medical center. *Infectious Disease Society of America*. (In press).

OTHER SCHOLARLY ACTIVITIES

Research Assistant

2016-2017 Comparison of neuro-titrated care after resuscitation following cardiac arrest to standard care.
PI: Jonathan Elmer MD
University of Pittsburgh School of Medicine
Safar Center for Resuscitation Research
- Provided critical care to pig subjects and collected data in the neuro-titration and AHA standard care arms of a non-blinded, randomized, pilot study.

PRESENTATIONS

International

Oct 2018 Expansion of outpatient parenteral antibiotic therapy program with addition of advanced practice providers can lead to reduced readmission rates with Wingfield, J. and Sheridan, K.
Infectious Disease Society of America
IDWeek 2018 – San Francisco, CA
-poster

Jan 2017 Surviving traumatic brain injury is just the beginning
Society of Critical Care Medicine
SCCM Congress 2017 – Honolulu, HI
-invited speaker and panel member

Jan 2017 Piloting quantitative pupillometry for routine use after severe traumatic brain injury with Elmer, J., Puccio, A., Shutter, L., Alexander, S.
Society of Critical Care Medicine
SCCM Congress 2017 – Honolulu, HI
- poster

Regional

April 2016 Evaluation of an automated pupillometer during routine neurological assessments in the acute care of the severe traumatic brain injury patient with Elmer, J., Puccio, A., Shutter, L., Alexander, S.
Eastern Research Nursing Society
Annual Conference – Pittsburgh, PA
- poster

Maighdlin Anderson DNP, ACNP-BC –Curriculum Vitae

May 2008 Poster Hitchhiking to healthcare: inadequate access to healthcare in Florence and Darlington Counties with Bush, G., & Keese, A
South Carolina Public Health Association
Charleston, SC
- poster

Local

May 2016 Evaluation of an automated pupillometer during routine neurological assessments in the acute care of the severe traumatic brain injury patient with Elmer, J., Puccio, A., Shutter, L., Alexander, S.
University of Pittsburgh Department of Critical Care Medicine
5th Annual Fink Scholar Day 2016
- poster

May 2008 Poster Hitchhiking to healthcare: inadequate access to healthcare in Florence and Darlington Counties with Bush, G., & Keese, A
South Carolina Public Health Association
Charleston, SC
- poster

TEACHING

Guest Lecturer, University of Pittsburgh Medical Center

March 2016 *Critical Care During an Epidemic*
Society of Critical Care Medicine
Fundamentals of Critical Care course
Presented to UPMC CCM fellows, residents and APPs

May 2014 Acid-Base Disorders and Management
University of Pittsburgh Physicians
Advanced Practice Provider Hospitalist Residency
Presented to APP residents

University of Pittsburgh School of Nursing

Fall 2018 Science of Healthcare Delivery
Lead instructor
University of Pittsburgh

Fundamentals of Nursing Practice - traditional

Maighdlin Anderson DNP, ACNP-BC –Curriculum Vitae

Clinical and Lab Instructor
University of Pittsburgh

Fundamentals of Nursing Practice - accelerated
Lab Instructor
University of Pittsburgh

SERVICE

University of Pittsburgh

2017-2018 Outpatient Parenteral Antibiotic Therapy Committee
2014-2017 Critical Care Service Committee

University of Pittsburgh School of Nursing

2018-present Member BSN Council
2018-present Member DNP Council

Other Professional Activities

2016 Abstract Reviewer for SCCM Congress 2017
 Society of Critical Care Medicine
2015-present Reviewer
 Journal of Trauma Nursing
2017 Reviewer
 Journal of Trauma Nursing
2017 Reviewer
 Journal of Trauma Nursing

Clinical Site Preceptor Activities

2018 Clinical site preceptor for University of Pittsburgh Acute Care Nurse
 Practitioner student for 120 hours of clinical practice supervision in
 Infectious Disease
2017 Clinical site preceptor for University of Pittsburgh Acute Care Nurse
 Practitioner student for 120 hours of clinical practice supervision in

Critical Care - Neurotrauma

- 2016 Clinical site preceptor for University of Pittsburgh Acute Care Nurse Practitioner student for 120 hours of clinical practice supervision in Critical Care - Neurotrauma
- 2015 Clinical site preceptor for University of Pittsburgh Acute Care Nurse Practitioner student for 120 hours of clinical practice supervision in Critical Care - Neurotrauma