

# **CURRICULUM VITAE**

## **Alison R. Anderson, PhD, ARNP, ANP-BC, NP-C**

Assistant Professor  
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Iowa City, IA 52242  
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### **EDUCATION**

- 2021-2023 Postdoctoral NIH/NINR T32 Fellowship, The Ohio State University College of Nursing, Columbus, OH
- 2016-2021 PhD in Nursing Science: Clinical Research, Vanderbilt University School of Nursing, Nashville, TN  
Dissertation: Periaqueductal Gray Activation and Pain Responses in Alzheimer's Disease
- 2003-2005 Master of Science in Nursing: Adult Nurse Practitioner, Vanderbilt University School of Nursing, Nashville, TN

### **LICENSURE**

- 2023-present Iowa Board of Nursing, Advanced Registered Nurse Practitioner/Certified Adult Nurse Practitioner # H176834
- 2023-present Iowa Board of Nursing, Registered Nurse #176657
- 2006-present Tennessee Board of Nursing, Advanced Practice Nurse #11997
- 2006-present Tennessee APN/NP Certificate of Fitness
- 2006-2018 Tennessee APN/NP DEA number
- 2005-present Tennessee Board of Nursing, Registered Nurse, multi-state #148350

### **CERTIFICATIONS**

- 2006-present American Nurses Credentialing Center (ANCC)  
Adult Nurse Practitioner-Board Certified (ANP-BC) #2005009794
- 2006-present American Academy of Nurse Practitioners (AANP)  
Nurse Practitioner-Certified (NP-C) #A0306090

### **PROFESSIONAL EXPERIENCE**

#### **Academic Appointments**

- 2023-present, Assistant Professor, University of Iowa College of Nursing, Iowa City, IA
- 2021-2023, Postdoctoral Fellow/Scholar, Ohio State University College of Nursing, Columbus, OH

## Clinical Appointments

2014-2017, Nurse Practitioner, Boomershine Wellness Centers, Brentwood, TN  
 2013-2014, Nurse Practitioner, Dunn Clinic, Nashville, TN  
 2012-2013, Nurse Practitioner, Momentum Medical + Wellness, Nashville, TN  
 2010-2012, Nurse Practitioner, Nashville Integrated Medicine, Nashville, TN  
 2009-2010, Nurse Practitioner, Nashville ENT / St. Thomas Medical Group, Nashville, TN  
 2008-2009 & 2011, Nurse Practitioner, Nashville Pain Management and Rehabilitation, Howell Allen Clinic, Nashville, TN  
 2006-2007, Nurse Practitioner, Hematology/Stem Cell Transplant, Vanderbilt University Medical Center, Nashville, TN

## Consulting

2013-2022, Consultant and Expert Witness for opioid overprescribing and pain management practice, Tennessee Board of Investigations/Board of Nursing, Nashville, TN

2016-2020, Speaker for Horizon Conference and Speaker Programs for rheumatology/pain, Horizon Pharma, United States

## HONORS AND AWARDS

2023 The *Journal of Pain* Editorial Fellowship to Promote Diversity in Editorial Leadership  
 2022 United States Association for the Study of Pain 2022 competitive conference travel award  
 2016 Jonas Foundation Nurse Leader Scholar, Jonas Foundation  
 2016 Centennial Fellowship, Vanderbilt University  
 2016 University Graduate Fellowship, Vanderbilt University

## SCHOLARSHIP

### Areas of Research Interest

Focus of research is mechanisms and relationships of sleep, dysglycemia, and pain in people living with Alzheimer's disease and their caregivers.

## Publications

**Journal articles** (Peer reviewed; \*databased, ‡ senior author, †student mentored manuscript)

13. †**Anderson, A.R.**,+ Mahajan, I.,+ Ford, J.L., Wright, K.D., Mackos, A.R., Rose, K.M., Monroe, T.B., and Moss, K.O. (2023). Dyadic Hair Cortisol Self-Collection Procedure. *Nursing Research*, 72(5), 404-408. +co-first authors

12. ‡†McDaniel, A. L.,+ Dimitrov, T. N.,+ Bruehl, S. P., Monroe, T. B., Failla, M. D., Cowan, R. L., Ryan, C., & **Anderson, A. R.** (2023). Psychophysics of Pain: A Methodological Introduction. *Pain management nursing: official journal of the American Society of Pain Management Nurses*, S1524-9042(23)00034-6. Advance online publication. <https://doi.org/10.1016/j.pmn.2023.02.006> +co-first authors

11. Monroe, T.B., **Anderson, A.R.**, Failla, M.D., Carter, M.A. (2022) Study protocol for an integrative theory review of the concept of unidentified pain. *BMJ Open*. 2022;12:e065662. doi: 10.1136/bmjopen-2022-065662
10. \***Anderson AR**, Monroe TB, Dietrich MS, Bruehl SP, Iversen WL, Cowan RL and Failla MD. (2022) Increased pain unpleasantness and pain-related fMRI activation in the periaqueductal gray in Alzheimer's disease. *Frontiers in Pain Research*. 3:914473. doi: 10.3389/fpain.2022.914473
9. Iversen, W. L., Monroe, T. B., Atalla, S., **Anderson, A. R.**, Cowan, R. L., Wright, K. D., Failla, M. D., & Moss, K. O. (2022). Promoting successful participation of people living with Alzheimer's disease and related dementias in pain-related neuroimaging research studies. *Frontiers in pain research (Lausanne, Switzerland)*, 3, 926459. <https://doi.org/10.3389/fpain.2022.926459>
8. **Anderson, A.R.**, Iversen, W.L., Carter, M.A., Moss, K.O., Cowan, R.L., & Monroe, T.B. (2021). Experimentally evoked pain in Alzheimer's disease. *Journal of the American Association of Nurse Practitioners*. doi: 10.1097/JXX.0000000000000580
7. \*Atalla, S., Cowan, R.L., **Anderson, A.R.**, Dietrich, M., Iverson, L., Kalvas, L.B., Moss, K., Wright, K., Monroe, T.B. (2021). Determining the impact of age and sex on the psychophysical and neurophysiological response to thermal pain across the adult lifespan. *Journal of Advanced Nursing*. doi: 10.1111/jan.14514
6. **Anderson, A.R.**, Hyden, K., Failla, M.D., & Carter, M.A. (2020) Policy implications for advanced Alzheimer's disease. *Pain Management Nursing*, 2020;S1524-9042(20)301442. doi: 10.1016/j.pmn.2020.06.005
5. Romano, R.R., Carter, M.A., **Anderson, A.R.**, & Monroe, T.B. (2020). An integrative review of system-level factors influencing dementia detection in primary care. *Journal of the American Association of Nurse Practitioners*, 00(00). doi:10.1097/JXX.0000000000000230
4. Atalla, S.W., Kalvas, L.B., Campbell, J.L., **Anderson, A.R.**, Cowan, R.L., Humbel, A.C., & Monroe, T.B. (2019). Neuroimaging methods for nursing science. *Nursing Research*. doi: 10.1097/NNR.0000000000000410
3. \*Romano, R.R., **Anderson, A.R.**, Failla, M.D., Dietrich, M.S., Atalla, S., Carter, M.A., & Monroe, T.B. (2019). Sex differences in associations of cognitive function with perceptions of pain in older adults. *Journal of Alzheimer's Disease*, 70(3), 715-722. doi:10.3233/JAD-190142
2. **Anderson, A.**, Parrish, A., & Monroe, T. (2018). Assessment and management of pain in persons with dementia. *Geriatric Nursing*, 39, 358-360. doi:doi.org/10.1016/j.gerinurse.2018.04.010
1. **Anderson, A.R.**, Deng, J., Anthony, R.S., Atalla, S.W., & Monroe, T.B. (2017). Using complementary and alternative medicine to treat pain and agitation in dementia: A review of randomized controlled trials from long-term care with potential use in critical care. *Critical Care Nursing Clinics of North America*, 29(4), 519-537. doi:10.1016/j.cnc.2017.08.010

**Abstracts** (\*databased, ‡ senior author, †student mentored)

4. \*‡Dimitrov, T., Monroe, T.B., Failla, M.D., Bruehl, S.P., Romestan, R., Moss, K.O., Cowan, R.L., & **Anderson, A.R.** (accepted) Longitudinal sleep, pain interference, and depressive symptoms in cognitively impaired older adults. *Alzheimer's & Dementia*
3. \*Dimitrov, T., Iversen, W.L., **Anderson, A.R.**, Monroe, T.B., Failla, M.D., & Wang, J. (2022). Pain interference, cognition, and depressive symptoms in Alzheimer's disease. *Alzheimer's & Dementia*, 18(S8).
2. \***Anderson, A. R.**, Monroe, T.B., Dietrich, M.S., Bruehl, S.P., Iversen, L.W., Cowan, R.L., and Failla, M.D. (2022). Increased periaqueductal gray activation and pain unpleasantness in people with Alzheimer's disease. *The Journal of Pain*, 23(5), 42.
1. Atalla, S.W., Wright, K., **Anderson, A.R.**, Moss, K.O., Cowan, R.L., & Monroe, T.B. (2019). Recruiting older adults with dementia for neuroimaging research: Barriers and solutions. *Innovation in Aging*, 3(Suppl 1):S593. doi: 10.1093/geroni/igz038.2201

**Testimony before governmental or regulatory agencies**

August 2017, Expert Witness for the State of Tennessee Board of Nursing, case no. 2012018881, testimony on overprescribing and pain management

October 2017, Expert Witness for the State of Tennessee Board of Nursing, case no. 2012018881, testimony on overprescribing and pain management

November 2017, Expert Witness for the State of Tennessee Board of Nursing, case no. 201201891, testimony on overprescribing and pain management

January 2022, Expert Witness for the State of Tennessee Board of Nursing, case no. 201201881, 201201891, 2015008691, testimony on overprescribing and pain management

**Mass media activities**

May 2021, *Journal of the American Association of Nurse Practitioners* podcast, Invited and interviewed by the Editor-in-Chief, Dr. Kim Curry, about my publication Experimentally evoked pain in Alzheimer's disease.

February 2021, Interviewed and served as a fact-checker for: Renault, M. (2021, February). How Dementia Locks People Inside Their Pain: When a person feels pain but doesn't understand it, they can end up silently suffering. *The Atlantic*. Retrieved from: <https://www.theatlantic.com/health/archive/2021/02/alzheimers-dementia-pain-memory/617994/>

**Scientific and Educational Research Grants**

**Intramural Research Grants**

Awarded:

2024 *Clusters of continuous glucose, sleep monitoring, and pain*, Alison Anderson PI, 60%, Barbara and Richard Csomay Gerontology Research Award for Faculty, grant # pending, \$15,000

### Training Grants

2021-2023, Postdoctoral Training, National Institute of Nursing Research, National Institute of Health T32NR014225 (Pickler & Happ. MPI) 7/1/2020-6/30/2025. Training in the science of health development. Role: Fellow (8/16/2021-8/15/2023) 100% effort, NINR/NIH, \$21,000; Co-Investigator: Sleep Actigraphy and Continuous Glucose Monitoring in People with Alzheimer's Disease, The Ohio State University College of Nursing (Co-I: Rose)

### Research and Clinical Presentations (\*databased, ‡ senior author, †student mentored)

#### International

\*‡July 2023, Theodore N. Dimitrov, Todd B. Monroe, Michelle D. Failla, Stephen P. Bruehl, Rachel Romestan, Karen O. Moss, Ronald L. Cowan, **Alison R. Anderson**, "Longitudinal sleep, pain interference, and depressive symptoms in cognitively impaired older adults" poster, Alzheimer's Association International Conference (AAIC 23), Amsterdam, Netherlands

\*August 2022, Theodore N. Dimitrov, Wm. Larkin Iversen, **Alison R. Anderson**, Todd B. Monroe, Michelle D. Failla, Jasmine Wang, "Pain interference, cognition, and depressive symptoms in Alzheimer's disease" poster, Alzheimer's Association International Conference (AAIC 22), San Diego, CA.

#### National

‡†October 2023, Maria Weibel,+ Taylor Given,+ Jerome Teague, Jessica Donovan, Karen Rose, **Alison Anderson**, "Preventing Falls in People Living with Dementia Using Errorless Learning" poster, National Hartford Center of Gerontological Nursing Excellence (NHCGNE), virtual. +co-first authors

\*†October 2023, Ishika Mahajan, **Alison R. Anderson**, Kathy D. Wright, Karen M. Rose, Todd B. Monroe, Karen O. Moss. "Caregiver Perspectives on Advance Care Planning for People Living with Alzheimer's Disease and Pain among the Dyad" National Hartford Center of Gerontological Nursing Excellence (NHCGNE), virtual.

\*May 2022, **Alison R. Anderson**, Todd B. Monroe, Mary S. Dietrich, Stephen P. Bruehl, W. Larkin Iversen, Ronald L. Cowan, Michelle D. Failla, "Increased periaqueductal gray activation and pain unpleasantness in people with Alzheimer's disease" poster, United States Association for the Study of Pain (USASP) Annual Scientific Meeting. Cincinnati, OH.

November 2019, Karen O. Moss, Sebastian W. Atalla, Kathy Wright, **Alison R. Anderson**, Ronald L. Cowan, & Todd B. Monroe, "Recruiting older adults with dementia for neuroimaging research: Barriers and solutions" podium presentation, 2019 Gerontological Society of America (GSA) Annual Scientific Meeting, Austin, TX.

## State/Regional

\*†April 2023, Ishika Mahajan, **Alison Anderson**, Kathy Wright Karen Rose, Todd Monroe, Karen Moss, “Perspectives on pain and advance care planning in Alzheimer’s disease” poster, 2023 Ohio Association of Gerontology and Education (OAGE) Conference, Toledo, OH.

## Local

September 2022, **Alison R. Anderson**, “Neuroimaging of pain in people with Alzheimer’s disease and future directions” (including sleep actigraphy and continuous glucose monitoring) invited podium presentation, The Ohio State University Alzheimer's Research Center of Excellence (ARCOE), Columbus, OH.

August 2022, Karen O. Moss, Ishika Mahajan, & **Alison R. Anderson**, “Hair sample self-collection: A study protocol” invited podium presentation, Stress Science Laboratory Workshop, The Ohio State University College of Nursing, Columbus, OH.

\*March 2022, **Alison R. Anderson**, Todd B. Monroe, Mary S. Dietrich, Stephen P. Bruehl, W. Larkin Iversen, Ronald L. Cowan, Michelle D. Failla, “Increased periaqueductal gray activation and pain unpleasantness in people with Alzheimer's disease” competitive acceptance of a podium presentation and poster, Chronic Brain Injury (CBI) Research Day, The Ohio State University, Columbus, OH.

## SERVICE

### Editorial and Peer Review Service

#### Editor of journal or editorial board memberships

2024- Editorial board member, *The Journal of Pain*  
 Jan-Dec 2023 Editorial Fellow (planned one-year term), *The Journal of Pain*  
 2021-present Review Editor, *Geriatric Pain*

#### Peer review of scholarly products

2023-present *The Journal of Pain*  
 2022-present *Journal of Alzheimer’s Disease*  
 2022-present *Frontiers in Pain Research*  
 2021-present *Dementia and Geriatric Cognitive Disorders*  
 2021-present *Geriatric Pain*  
 2021-present *Policy, Politics, & Nursing Practice*  
 2021-present *Pain Management Nursing*  
 2021-present *International Journal of Nursing Studies*

#### Review of nominations for awards, honors, or scholarships

2022-2023 Panelist, Ohio State University Innovation Studio Pitch Day  
 May 2022 Judge, Ohio Academy of Science State Science Day  
 April 2022 Reviewer, Ohio State University Postdoctoral Association Professional Development Awards

## **Professional Service (including organizational memberships and other professional activities)**

### **Society/Association membership, participation, and leadership**

Barbara and Richard Csomay Center for Gerontological Excellence

2023-present, Faculty Member

United States Association for the Study of Pain

2022-present

Midwest Nursing Research Society

2021-present

Graduate Nursing Student Academy

2016-present

Jonas Scholar Collaboration Community

2016-present

American Association of Nurse Practitioners

2020-2021

American Nurses Association

2020-2021

Tennessee Nurses Association

2020-2021

American Nurses Credentialing Center organization

2006-2008

American Academy of Nurse Practitioners

2006-2008

Middle Tennessee Advanced Practice Nurses

2006-2008

Oncology Nursing Society

2006-2007

### **Testimony before governmental or regulatory agencies/Expert witness testimony**

August 2017, Expert Witness for the State of Tennessee Board of Nursing, case no. 2012018881, testimony on overprescribing and pain management

October 2017, Expert Witness for the State of Tennessee Board of Nursing, case no. 2012018881, testimony on overprescribing and pain management

November 2017, Expert Witness for the State of Tennessee Board of Nursing, case no. 201201891, testimony on overprescribing and pain management

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### **Media activities**

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February 2021, Interviewed and served as a fact-checker for: Renault, M. (2021, February). How Dementia Locks People Inside Their Pain: When a person feels pain but doesn't understand it, they can end up silently suffering. *The Atlantic*. Retrieved from:  
<https://www.theatlantic.com/health/archive/2021/02/alzheimers-dementia-pain-memory/617994/>

### **Collegiate Service**

#### **Standing Committees**

2024, BSN Direct & Standard admission, reviewer, appointed

#### **Community Service**

Trafficking in America Task Force

2012-2014, Volunteer/attendee

American Red Cross, Nashville Area Chapter

2004-2006, Volunteer

Middle Tennessee Medical Reserve Corps and Disaster Relief

2004-2006, Volunteer

## **TEACHING**

### **Instructional Activities**

**Course Instruction** – University of Iowa College of Nursing

2024- , Spring/Fall, NURS:5009 Evaluating Evidence for Practice, co-teacher, ~40 (up to 52) students

### **Mentoring and Advisement**

#### **Mentoring**

#### **Predoctoral Mentorship**

Informally mentored five pre-doctoral students during my postdoc with outcomes of published manuscripts and presentations.