

CURRICULUM VITAE

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

Assistant Professor
50 Newton Road
434 College of Nursing Building
Iowa City, IA 52242
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alison-r-anderson@uiowa.edu

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
- 2005-2023 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

2-25-2020

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

Understanding the mechanisms and relationships between sleep, dysglycemia, and pain, and their impact on healthy aging and Alzheimer's disease risk.

Publications

Journal articles (Peer reviewed; *databased)

19. *Dong, F., **Anderson, A.R.**, Hodgson, N. (in press) Associations among Diurnal Cortisol, Melatonin, and Agitation in People living with Cognitive Impairment. *Journal of Alzheimer's Disease*.

18. Boon, J. T., Failla, M. D., **Anderson, A. R.**, Melnyk, B. M., Bruehl, S., Von Ah, D., Muench, U., McElfresh, J., Carter, M., & Monroe, T. B. (2024). A conceptual model for assessing the risk of unidentified pain. *The journal of pain*, 104722. <https://doi.org/10.1016/j.jpain.2024.104722>.

17. ***Anderson, A. R.**, Souza-Talarico, J., Mahajan, I., Monroe, T. B., Tan, A., Mackos, A. R., Ford, J. L., Wright, K. D., Gure, T., Rose, K. M., & Moss, K. O. (2024). Dyadic Comparison of Pain and Stress in Alzheimer's Disease and Caregivers. *Pain management nursing: official journal of the American Society of Pain Management Nurses*, S1524-9042(24)00274-1. <https://doi.org/10.1016/j.pmn.2024.10.010>.

2-25-2020

16. Punches, B. E., Brown, J. L., Lyons, M. S., Gillespie, G. L., Boyer, E. W., **Anderson, A. R.**, Carreiro, S., Bischof, J. J., Kauffman, E., Young, H., Spatholt, D., Tan, A., Donneyong, M., Ni, A., & Bakas, T. (2024). Development and Validation of the Decisions to use Opioids Measure. *Pain management nursing: official journal of the American Society of Pain Management Nurses*, S1524-9042(24)00266-2. <https://doi.org/10.1016/j.pmn.2024.10.001>.
15. Herr, K., **Anderson, A. R.**, Arbour, C., Coyne, P. J., Ely, E., Gélinas, C., & Manworren, R. C. B. (2024). ASPMN 2024 Position Statement: Pain Assessment in the Patient Unable to Self-Report. *Pain management nursing: official journal of the American Society of Pain Management Nurses*, 25(6), 569–570. <https://doi.org/10.1016/j.pmn.2024.09.009>.
14. Herr, K., **Anderson, A. R.**, Arbour, C., Coyne, P. J., Ely, E., Gélinas, C., & Manworren, R. C. B. (2024). Pain Assessment in the Patient Unable to Self- Report: Clinical Practice Recommendations in Support of the ASPMN 2024 Position Statement. *Pain management nursing: official journal of the American Society of Pain Management Nurses*, 25(6), 551–568. <https://doi.org/10.1016/j.pmn.2024.09.010>.
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. <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)

6. ***Anderson, A. R.**, Dong, F., Madlock-Brown, C., McPhillips, M. V., & Hodgson, N. A. (2024). P32: Association between pain behaviors and sleep impairment among people living with cognitive impairment. *International Psychogeriatrics*, 36(S1), 102-102.

5. *McDaniel, A., Monroe, T., Dietrich, M., Bruehl, S., Cowan, R., Failla, M., Moss, K., **Anderson, A.**, Von Ah, D., Boon, J. (2024) Sex Differences in pain perception among cognitively healthy older adults. *PAIN: The Journal of IASP*

4. *Dimitrov, T., Monroe, T.B., Failla, M.D., Bruehl, S.P., Romestan, R., Moss, K.O., Cowan, R.L., & **Anderson, A.R.** (2023) 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

Submitted, funded:

2023 Barbara and Richard Csomay Gerontology Research Award for Faculty, \$15,000. Clusters of continuous glucose, sleep monitoring, and pain, Alison Anderson PI.

Extramural Research Grants

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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)

International

2-25-2020

*September 2024, **Alison R. Anderson**, Fanghong Dong, Charisse Madlock-Brown, Miranda V. McPhillips, Nancy A. Hodgson, “Association between pain behaviors and sleep impairment among people living with cognitive impairment” poster (oral presentation accepted), International Psychogeriatric Association (IPA), Buenos Aires, Argentina.

*August 2024, Aaron McDaniel, Todd Monroe, Mary Dietrich, Stephen Bruehl, Ronald Cowan, Michelle Failla, Karen Moss, **Alison Anderson**, Diane Von Ah, Jeffrey Boon, “Sex Differences in Pain Perception among Cognitively Healthy Older Adults” poster, International Association for the Study of Pain (IASP), Amsterdam, Netherlands.

*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

(submitted) *April 2025, Jeffrey T. Boon, Michelle D. Failla, **Alison R. Anderson**, Bernadette M. Melnyk, Stephen Bruehl, Diane Von Ah, Ulrike Muench, Michael Carter., Todd B. Monroe, “Initial Validity Testing of a Tool to Identify Risk for Unidentified Pain,” United States Association for the Study of Pain (USASP) Annual Scientific Meeting. Chicago, IL.

*October 2024, **Alison R. Anderson**, Mary S. Dietrich, Karen O. Moss, Charisse Madlock-Brown, Fanghong Dong, Ronald L. Cowan, Jeffrey T. Boon, Chooza Moon, Michelle D. Failla, Todd B. Monroe, “Sleep, pain interference, depression, and stress in people living with Alzheimer’s disease compared with cognitively-intact controls” poster, National Hartford Center of Gerontological Nursing Excellence (NHCGNE), virtual.

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

July 2024, Ella Sherlock & **Alison R. Anderson**, “Clusters of Continuous Glucose, Sleep, and Pain: Identifying phenotypes as a step toward dementia risk reduction - a protocol” poster, University of Iowa Summer Undergraduate Research Conference (SURC), Iowa City, IA.

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-present Editorial board member, *The Journal of Pain*

January-December 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*

2-25-2020

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

American Medical Informatics Association
2024-present
International Association for the Study of Pain
2023-present
United States Association for the Study of Pain
2022-present
American Society of Pain Management Nursing
2021~present
American Association of Nurse Practitioners
2020~present
Midwest Nursing Research Society
2021-present
Graduate Nursing Student Academy
2016-present
Jonas Scholar Collaboration Community
2016-present
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

2-25-2020

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

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

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/>

Community Service

Trafficking in America Task Force
2012-2014

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:5009:0EXW Evaluating Evidence for Practice, co-teacher, up to 52 students

2025, Spring/Fall, NURS:5009:0EXV Evaluating Evidence for Practice, teacher, up to 26 students

Mentoring and Advisement

Mentoring

Predoctoral Mentorship

2024-present Abel Belachew, UTHSC PhD student, mentor

2022-2023 Ishika Mahajan, OSU pre-med student, mentor

2022-2023 Maria Weibel, OSU PhD nursing student, mentor

2021-2023 Theodore Dimitrov, OSU MD student, mentor

2021-2023 Aaron McDaniel, OSU PhD nursing student, mentor