

Curriculum Vitae

PERSONAL DATA

Heather Dunn, PhD, ARNP, ACNP-BC
 Office: University of Iowa College of Nursing
 358 CNB, 50 Newton Rd.
 Iowa City, IA 52242-1121
 Phone: (319) 467 – 1528
 Cell: (309) 791-2866
 Email: heather-dunn@uiowa.edu

EDUCATION AND TRAINING

Year	Degree	Institution/Location
2018	Doctor of Philosophy	University of Illinois at Chicago, Chicago, IL
2009	Master of Science in Nursing (Acute Care Nurse Practitioner)	University of Illinois at Chicago Quad Cities Regional Program, Moline, IL
1998	Bachelor of Science in Nursing	Northern Illinois University, Dekalb, IL

LICENSURE AND CERTIFICATION

License & Registration

Year	Source	License	Number
2009-present	Iowa Board of Nursing	Advanced Registered Nurse Practitioner – Acute Care Nurse Practitioner	# L112885
2009-present	Drug Enforcement Administration	DEA License	#MD2003440
2005 - present	Iowa Board of Nursing	Registered Nurse	#112885
1998 – present	Illinois Department of Financial and Professional Regulation	Registered Nurse	#041-309651

Certificates

Year	Source	Type	Number
2014 – Present	AACN Certification Corporation	Acute Care Nurse Practitioner Certification (ACNP)	#2009007030
1998 - present	American Heart Association	Advanced Cardiac Life Support Provider	N/A

PROFESSIONAL EXPERIENCE

Academic Appointments

Years	Position	Institution / Location
2020-present	Clinical Professor (Assistant)	University of Iowa College of Nursing Iowa City, IA
2018 - 2020	Adjunct Clinical Instructor AGACNP Practicum DNP Program	University of Illinois at Chicago - Quad Cities Regional Program College of Nursing Moline, IL
2017 - 2018	Graduate Teaching Assistant AGACNP Practicum DNP Program	University of Illinois at Chicago - Quad Cities Regional Program College of Nursing Moline, IL
2014-2017	Graduate Teaching Assistant Advanced Cellular Physiology DNP Program	University of Illinois at Chicago College of Nursing Chicago, IL

Clinical Practice Appointments

Years	Position	Institution / Location
2020-present	Acute Care Nurse Practitioner Cardiac Electrophysiology	Cardiovascular Medicine, P.C. Davenport, IA

Research Positions

Years	Position	Institution / Location
2020	Post-Doctoral Research Fellowship T32 NR11147: Pain and Associated Symptoms	University of Iowa, Iowa City, IA

HONORS AND AWARDS

2018	7 th Annual Johns Hopkins Critical Care Rehabilitation Conference Best Oral Presentation Award
2018	Sigma Theta Tau, Alpha Lambda Chapter Graduate Student Merit Award
2018	American Thoracic Society Assembly on Nursing Abstract Scholarship Award
2017	American Thoracic Society Assembly on Nursing Abstract Scholarship Award
2017	University of Illinois, Chicago College of Nursing, PhD Student Research Award
2008	Doris and Victor Day Foundation, Inc. Scholarship

GRANTS AND SPONSORED PROJECTS

Scientific and Educational Research Grants

Funded

- 2020 – present A Data-Driven Approach to Classify Safety Criteria for Mobility Readiness. Co-Investigator. A Krupp, **H. Dunn**, T. Papke, E. Perkhounkova, J. Greiner, & K. Dunn-Lopez. Funded by University of Iowa College of Nursing, The Jo Ellen Ross Research Fund.
\$10,000 total costs awarded.
- 2019-present Rapid Response System implementation within a long-term acute care hospital (LTACH). Co-Principle Investigator: J. Bunch & **H. Dunn**, In kind effort. Funded by University of Iowa College of Nursing Csomay Center for Gerontologic Excellence Woodrow W. Morris Gerontology Research Award
\$5000.00 total costs awarded.
- 2017-2018 Prolonged Mechanical Ventilation Weaning at LTACH's: Does Mobilization Influence Outcomes? Principle Investigator: **H. Dunn**, 100% effort, Funded by Select Medical Corporation Grant
\$32,012.00 total costs awarded.

Not Funded

- 2021 IRIS Kangaroo™ Feeding Tube Study. Principle Investigator: **H. Dunn**; S. Edmonds, K. Stenger, Y. Perkhounkova, 20% effort. Submitted to Cardinal Health, Inc. **\$174,305** requested.

SCHOLARSHIP

Publications

* denotes data-based, peer reviewed

1. *Lofgren, M., **Dunn, H.**, Dirks, M. & Reyes, J. (2021). Perspectives, experiences, and opinions precepting Advanced Practice Registered Nurse Students. *Nursing Outlook*. Advance online publication. <https://doi.org/10.1016/j.outlook.2021.03.018>
2. ***Dunn, H.**, Quinn, L., Corbridge, S., Eldeirawi, K., Kapella, M., Steffen, A., & Collins, E. (2019). A Latent Class Analysis of Prolonged Mechanical Ventilation Patients at a Long-Term Acute Care Hospital: Subtype Differences in Outcomes. *Heart & Lung: The journal of critical care*, 48(3), 215-21. doi: 10.1016/j.hrtlng.2019.01.001
3. * **Dunn, H.**, Quinn, L., Corbridge, S., Eldeirawi, K., Kapella, M., & Collins, E. (2017). Mobilization of prolonged mechanical ventilation patients: An integrative review. *Heart & Lung: The journal of critical care*, 46(4), 221-233. doi: 10.1016/j.hrtlng.2017.04.033
4. * **Dunn, H.**, Quinn, L., Corbridge, S., Eldeirawi, K., Kapella, M., & Collins, E. (2017). Cluster Analysis in Nursing Research: An Introduction, Historical Perspective, and Future Directions. *Western Journal of Nursing Research*, 40(11),1658-1676. doi: 10.1177/0193945917707705
5. ***Dunn, H.**, Anderson, M. A., & Hill, P. (2010). Nighttime lighting in intensive care units. *Critical Care Nurse*, 30(3), 31-7. doi: 10.4037/ccn2010342

Research, Clinical and/or Education Related Presentations

International

* = data-based

1. *Dunn, H, Corbridge, S, Quinn, L, Eldeirawi, K, Kapella, M, Rakel, B. (2020, May). *Prediction of Weaning from Prolonged Mechanical Ventilation At A Long Term Acute Care Hospital: A Comparison Of Machine Learning Algorithm*. The American Thoracic Society International Conference, Philadelphia, PA. [Peer-reviewed, Oral Poster Presentation] (Conference Cancelled)
2. *Dunn H., Laghi, F., Quinn, L., Corbridge, S., Eldeirawi, K, Kapella, M., Steffen, E. Collins, E. (2019, May). *Assessing the importance of predictors of successful ventilator liberation of patients on prolonged mechanical ventilation at Long Term Acute Care Hospitals*. The American Thoracic Society International Conference, Dallas, TX. [Peer-reviewed, Oral Poster Presentation]
3. *Needham, D. & Dunn, H. (2018, May). Scientific symposium, *Surviving Critical Illness: Optimizing outcomes in the post-ICU space*. The American Thoracic Society International Conference, San Diego, CA. [Invited, Co-chair]
4. *Dunn H., Laghi, F., Quinn, L., Corbridge, S., Eldeirawi, K, Kapella, M., Steffen, E. Collins, E. (2018, May). *A Latent Class Analysis of Prolonged Mechanical Ventilation Patients at a Long-Term Acute Care Hospital: Subtype Differences in Outcomes*. The American Thoracic Society International Conference, San Diego, CA. [Peer-reviewed, Oral Poster Presentation]
5. *Dunn, H., Laghi, F., O'Connell, S., Ryan, C., Park, C., Collins, E. (2017, May). *Differences in physical function after pulmonary rehabilitation training amongst clusters of moderate-to-severe COPD patients*. [Peer-reviewed, Oral Poster Presentation]

Regional/State

1. *Krupp, A., Dunn, H., Potter, K. (November, 2021). *Comparing an Electronic Mobility Safety Screen Prototype and Nurse Readiness Mobility Assessment to Activity Levels in ICU Patients Requiring Mechanical Ventilation*. Johns Hopkins Critical Care Rehabilitation Virtual Conference. [Peer-reviewed, poster]
2. *Potter, K., Dunn, H., Mueller, M., Krupp, A., Newman, S., & Miller, S. (November, 2021). *The IMPAiR (Identifying coMorbid subgroups of Patients with Acute Respiratory failure) Study: Risk Stratification of Physical Disability Post-Intensive Care*. Johns Hopkins Critical Care Rehabilitation Virtual Conference. [Peer-reviewed, poster]
3. *Krupp, A., Dunn, H., Potter, K., Dunn Lopez, K. (March, 2021). *Electronic Health Record-based Phenotype for ICU Mobility: Developing an Algorithm for Classifying Patient Safety Criteria*. The Midwest Nursing Research Society 45th Annual Research Conference, Des Moines, IA. [Peer-reviewed, Virtual Oral Poster Presentation]
4. *Dunn H. (2019, October). *Sequelae After Treatment in an ICU*. The 8th Annual Johns Hopkins Critical Care Rehabilitation Conference, Baltimore, MD. [Invited, Podium Presentation]
5. *Dunn, H. (2019, March). *Cluster Analysis in Nursing Research: An Introduction, Historical Perspective, and Future Directions*. Research Forum, University of Iowa College of Nursing. [Invited, Podium Presentation]
6. *Dunn H, Laghi, F., Quinn, L., Corbridge, S., Eldeirawi, K., Kapella, M., Steffen, A., Collins, E. (2018, November). *Prolonged Mechanical Ventilation Weaning at LTACHs: Does mobilization influence outcomes?*

The 7th Annual Johns Hopkins Critical Care Rehabilitation Conference, Baltimore, MD. [Peer-reviewed, Podium Presentation]

7. **Dunn, H.** (2017, September). *Pulmonary diagnostic tests and how to interpret their findings*. The Cardiovascular Interventions and Practice Guidelines Conference, Davenport, IA. (Invited, Podium Presentation]
8. ***Dunn, H.,** Laghi, F., O'Connell, S., Ryan, C., Park, C., Collins, E. (2017, March). *The relationship of physiologic clusters and symptom clusters as they impact physical function in patients with COPD: A latent class analysis*. The Midwest Nursing Research Society 41st Annual Research Conference, Minneapolis, MN. [Peer-reviewed, Poster Presentation]
9. **Dunn, H. & Tate, D.** (July, 2012). *Care of the Ventilated Patient*. Select Specialty Hospital Professional Development Program, Davenport, IA. [Invited, Podium Presentation]

SERVICE

Professional Service

Society/Association membership, leadership and service Nursing Organizations

Midwest Nursing Research Society

2017-present Member

American Association of Critical Care Nurses (AACN)

2007 - present Member

Sigma Theta Tau International

2015-present Member, Alpha Lambda Chapter

1997-1998 Member, Beta Omega Chapter

Interprofessional Organizations

The American Thoracic Society

2017-present Member, Nursing Assembly

Member, Clinical Problems Assembly

2018-2020 Clinical Problems Assembly Planning Committee, member

2020 Nursing Assembly Nominating Committee, member

Society of Critical Care Medicine

2011-2016 Member

American College of Chest Physicians

2011-2016 Member

Advisory Panels

2019 – 2020 Member, Iowa Board of Nursing ARNP Education Subcommittee. State.

2018-present Member, Genesis Medical Center Advanced Practice Providers Council. Local.

Peer Review Activities

Peer Review of Scholarly Products

Manuscript Review (pre-publication)

- 2021 Manuscript review for Therapeutic Advances in Respiratory Disease
 2020 Manuscript review for Heart & Lung: The Journal of Cardiopulmonary and Acute Care
 2019 Manuscript review for Therapeutic Advances in Respiratory Disease

Conference Abstract Review

- 2019 International Conference Abstracts Reviewer, The American Thoracic Society International Conference, Clinical Problems Assembly
 2018 International Conference Abstracts Reviewer, The American Thoracic Society International Conference, Clinical Problems Assembly

Review of Nominations for Awards, Honors or Scholarships

- 2021 Award Reviewer, Midwest Nursing Research Society Symptom Science Research Interest Group
 2020 Award Reviewer, Midwest Nursing Research Society Symptom Science Research Interest Group

Collegiate Service

University of Iowa

- 2021 Member, Graduate Student Orientation Panel
 2020 Member, Graduate Student Orientation Panel

Community Service

Community organization membership, leadership positions, committee or task force memberships, or other activities

- 2020–present United States Naval Academy Parent Club Iowa. President. (support Midshipman and their families, resource for Midshipman related healthcare related concerns, etc.)

TEACHING

Instructional Activities

University of Iowa Course Instruction

Fall 2021

- NURS 5023: Pathophysiology for Advanced Clinical Practice, 20 % effort, DNP Program 53 students
 NURS 6826: DNP Practice Project, 20% effort, DNP Program, 2 students
 NURS 6701: Advanced Practice Clinical Practicum I, 20% effort, DNP Program, 3 students

Spring 2021

- NURS:5009 Evaluating Evidence for Practice, 20% effort, DNP Program, 36 students
 NURS 6827: DNP Practice Project, 20% effort, DNP Program, 5 students

Fall 2020

NURS:5009 Evaluating Evidence for Practice, 20% effort, DNP Program, 27 students

NURS 5023: Pathophysiology for Advanced Clinical Practice, 20 % effort, DNP Program 54 students

Spring 2020

NURS:5009 Evaluating Evidence for Practice, 20% effort, DNP Program, 34 students

Fall 2019

NURS:5009 Evaluating Evidence for Practice, 20% effort, DNP Program, 30 students

University of Illinois at Chicago Instruction**Summer 2020**

NUPR 541: Nurse Practitioner Practicum III: Management of Health and Illness in Adults, 45% effort, DNP Program, 6 students

Spring 2020

NUPR 540: Nurse Practitioner Practicum II: Management of Health and Illness in Adults, 45% effort, DNP Program, 6 students

Fall 2019

NUPR 539: Nurse Practitioner Practicum I: Management of Health and Illness in Adults, 45% effort, DNP Program, 6 students

Summer 2019

NUPR 541: Nurse Practitioner Practicum III: Management of Health and Illness in Adults, 10% effort, DNP Program, 2 students

Spring 2019

NUPR 540: Nurse Practitioner Practicum II: Management of Health and Illness in Adults, 10% effort, DNP Program, 2 students

Fall 2018

NUPR 539: Nurse Practitioner Practicum I: Management of Health and Illness in Adults, 10% effort, DNP Program, 2 students

NUPR 541: Nurse Practitioner Practicum III: Management of Health and Illness in Adults, 10% effort, DNP Program, 2 students

Summer 2018

NUPR 540: Nurse Practitioner Practicum II: Management of Health and Illness in Adults, 10% effort, DNP Program, 2 students

Spring 2018

NUPR 541: Nurse Practitioner Practicum III: Management of Health and Illness in Adults, 15% effort, DNP Program, 3 students

NUPR 539: Nurse Practitioner Practicum I: Management of Health and Illness in Adults, 10% effort, DNP Program, 2 students

Fall 2017

NUPR 540: Nurse Practitioner Practicum II: Management of Health and Illness in Adults, 15% effort, DNP Program, 3 students

Summer 2017

NUPR 539: Nurse Practitioner Practicum I: Management of Health and Illness in Adults, 15% effort, DNP Program, 3 students

Spring 2017

NUPR 540: Nurse Practitioner Practicum II: Management of Health and Illness in Adults, 10% effort, DNP Program, 2 students

MENTORING AND ADVISEMENT**Student Advisement****Independent Studies & Scholarly Projects**

**Undergraduate Independent Studies & Honors Projects
University of Iowa**

2021 Tiana Soliday, Undergraduate Honors Student, *High-fidelity, evidence-based simulation for new graduate cardiac intensive care nurses in a nurse residency program*, Honors Mentor

Predoctoral Preliminary or Comprehensive Examination Committees**Medical University of South Carolina**

2021 Kelly Potter, College of Nursing, *Disability Risk Stratification in Survivors of Acute Respiratory Failure: Latent Class Analysis*, PhD, Member