

Anne-Marie Fink, PhD RN CNE FAHA

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CAREER SUMMARY

Sleep neurobiology scientist. Clinician with acute care and occupational health experience. Educator in a variety of settings (e.g., delivered pre-licensure and post-graduate nursing education; taught armed forces medical emergency competencies; mentored post-doctoral scientists to acquire analytical and surgical skills for preclinical research).

EMPLOYMENT

Positions	Date
Department Head (Interim), Biobehavioral Nursing Science, University of Illinois, Chicago, IL	2023–Present
Associate Professor (Tenured), College of Nursing, University of Illinois, Chicago, IL	2023–Present
Assistant Professor, College of Nursing, University of Illinois, Chicago, IL	2015–2023
Surgical Intensive Care Nurse, Advocate Lutheran General Hospital (Trauma Level I), Park Ridge, IL	2006–2011
Medical Intensive Care Nurse, Eisenhower Army Medical Center, Fort Gordon/Eisenhower, GA	2004–2005
Cardiothoracic Intensive Care Nurse, Walter Reed Army Medical Center, Washington, DC	2001–2003

EDUCATION

Institutions	Degrees	Field of Study	Date
University of Illinois Chicago	PhD, MS	Nursing	2011
Loyola University Chicago	BSN	Nursing	2001

POST-DOCTORAL TRAINING

Institutions	Departments	Research Focus	Date
Medical College of Wisconsin	Anesthesiology	Autonomic Nervous System	2013–2015
University of Illinois Chicago	Pharmacology	Sleep & Circadian Neurobiology	2011–2015

LICENSURE

Jurisdictions	Professional Licenses	Date
State of Illinois	Controlled Substance License (Anesthesia Research)	2015–Present
State of Illinois	Registered Professional Nurse	2001–Present

PUBLICATIONS

* Data papers, + Mentees' papers

1. **Fink AM**, Hallihan H. A guide for utilizing gestalt, critical, and humanistic theories to transform pathophysiology instruction in nursing. *Teaching and Learning in Nursing*. 2023;1-6. doi:10.1016/j.teln.2023.04.006.
2. **Fink AM**, Martyn-Nemeth P. Socratic inquiry, syllogism, schematic cases, and symbolism. Critical-thinking strategies for nursing education. *Nurse Educator*. 2023;48:125-30. doi:10.1097/NNE.0000000000001324.
3. **Fink AM**, Martha SR, Calik MW, Maffucci J, Fitz SM, Lockwood MB, Quinn L, Vanderzwan KJ, Fritschi C, Schwind J, Schlaeger JM, Vuckovic KA. Understanding the autonomic nervous system: A how-to guide for designing engaging pathophysiology and pharmacology courses. *Nursing Forum*. 2023; 2397564. doi:10.1155/2023/2397564
4. **Fink AM**, Milbrath GR. A concept analysis of nurses in conflicts after World War II. *Journal of Advanced Nursing*. 2023;79:31-47. doi:10.1111/jan.15454.
5. Maki KA, **Fink AM**, Weaver TE. Sleep, time, and space—fatigue and performance deficits in pilots, commercial truck drivers, and astronauts. *SLEEP Advances*. 2022;3:1. doi:10.1093/sleepadvances/zpac033.
- 6.* Topchiy I, **Fink AM**, Maki KA, Calik MW. Validation of PiezoSleep scoring against EEG/EMG sleep scoring in rats. *Nature and Science of Sleep*. 2022;14:1877-86. doi:10.2147/NSS.S381367.

7. Calik MW, **Fink AM**. Cardiovascular consequences of disordered sleep (Progress in Prevention Column). *Journal of Cardiovascular Nursing*. 2022;37:102-3. doi:10.1097/JCN.0000000000000890.
- 8.* Fritschi C, Vuckovic KM, Bronas UG, Burke LA, Quinn L, Kapella MC, Lockwood MB, Calik MW, Collins EG, **Fink AM**. Predictors of 6-minute walk distances among aging adults with chronic cardiopulmonary, metabolic, and renal diseases. *Journal of Clinical Exercise Physiology*. 2022;11:140-5. doi:10.31189/2165-6193-11.4.140.
- 9.+ Chapagai S, **Fink AM**. Cardiovascular diseases and sleep disorders in South Asians: A scoping review. *Sleep Medicine*. 2022;100:139-49. doi:10.1016/j.sleep.2022.08.008.
- 10.+ Prakot S, **Fink AM**, Culbert G, Visudtibhan PJ. An analysis and evaluation of the Information-Motivation-Behavioral Skills Model for antiretroviral therapy. *Advances in Nursing Science*. 2022 (In Press). doi:10.1097/ANS.0000000000000469.
- 11.+ Duangjina T, **Fink AM**, Gruss V. Resilience in family caregivers of Asian older adults with dementia: A concept analysis. *Journal of Advanced Nursing*. 2022 (In Press). doi:10.1097/ANS.0000000000000471.
- 12.* Mithani S, Yun S, Leete JJ, Guedes VA, **Fink AM**, Pattinson CL, Kim H, Weljie A, Gill JM, Gehrman P. Whole blood transcriptome analysis using RNA sequencing in individuals with insomnia disorder and good sleepers: A pilot study. *Sleep Medicine*. 2021;80:e1-8. doi:10.1016/j.sleep.2021.01.013.
- 13.* **Fink AM**, Burke LA, Sharma K. Lesioning of the pedunculopontine nucleus reduces rapid eye movement sleep, but does not alter cardiorespiratory activities during sleep, under hypoxic conditions in rats. *Respiratory Physiology & Neurobiology*. 2021;11:103653. doi:10.1016/j.resp.2021.103653.
- 14.+ Hallihan H, Kapella MC, **Fink AM**. Alcohol disorders in military veterans: An evaluation with the Roy Adaptation Model. *Nursing Science Quarterly*. 2021;34:392-7. doi:10.1177/08943184211031595.
- 15.* + Breen KA, Finnegan L, Vuckovic KM, **Fink AM**, Rosamond W, DeVon HA. Multimorbidity phenotypes in patients presenting to the emergency department with possible acute coronary syndrome. *Heart & Lung*. 2021;50:648-53. doi:10.1016/j.hrtlng.2021.05.006.
- 16.* + Maki KA, Burke LA, Watanabe-Chailland M, Sweeny D, Romick-Rosendale LE, Calik MW, Green SJ, **Fink AM**. Sleep fragmentation increases blood pressure and is associated with alterations in the gut microbiome and fecal metabolome in rats. *Physiological Genomics*. 2020;52:280-92. doi:10.1152/physiolgenomics.00039.2020.
17. Diallo AF, Lockwood MB, Maki KA, Franks AT, Roy A, Jaime-Lara R, Joseph PV, Henderson WA, Chung SY, McGrath J, Green SJ, **Fink AM**. Metabolic profiling of blood and urine for exploring the functional role of the microbiota in human health. *Biological Research for Nursing*. 2020;22:449-57. doi:10.1177/1099800420941080.
18. **Fink AM**. Measuring the effects of night-shift work on cardiac autonomic modulation: An appraisal of heart rate variability metrics. *International Journal of Occupational Medicine & Environmental Health*. 2020;33:409-25. doi:10.13075/ijomeh.1896.01560.
19. **Fink AM**. Sleep neurobiology and the critical care environment. *Critical Care Nurse*. 2020;40:e1-6. doi:10.4037/ccn202043.
- 20.+ Breen KA, Finnegan L, Vuckovic KM, **Fink AM**, Rosamond W, DeVon HA. Greater mortality, higher readmission rates, and increased length of stay is associated with multimorbidity in patients with acute coronary syndrome: A systematic review. *Journal of Cardiovascular Nursing*. 2020;35:e99-110. doi:10.1097/JCN.0000000000000748.
- 21.+ Mithani S, **Fink AM**. Mathematical models of sleep and circadian rhythms: A case for using the 2-Process Model in neuroscience nursing. *Journal of Neuroscience Nursing*. 2019;51:48-53. doi:10.1097/JNN.0000000000000408.
22. **Fink AM**, Bronas UG, Calik MW. Autonomic regulation during sleep and wakefulness: A review with implications for defining the pathophysiology of neurological disorders. *Clinical Autonomic Research*. 2018; 28: 509-18. doi:10.1007/s10286-018-0560-9.

23. **Fink AM**, Dean C. Quantifying acute changes in renal sympathetic nerve activity in response to central nervous system manipulations in anesthetized rats. *Journal of Visualized Experiments*. 2018;139:58205. doi:10.3791/58205.
- 24.* **Fink AM**, Dean C, Piano MR, Carley DW. The pedunculo-pontine tegmentum controls renal sympathetic nerve activity and cardiorespiratory activities in Nembutal-anesthetized rats. *PLOS One*. 2017;12:e0187956. doi:10.1371/journal.pone.0187956.
- 25.* Hacker ED, **Fink AM**, Peters T, Park C, Fantuzzi G, Rondelli D. Persistent fatigue in hematopoietic stem cell transplant survivors. *Cancer Nursing*. 2017;40:174-83. doi:10.1097/NCC.0000000000000405.
26. Baddour LM, Wilson WR, Bayer AS, Fowler VG, Tleyjeh IM, Rybak MJ, Barsic B, Lockhart PB, Gewitz MH, Levison ME, Bolger AF, Steckelberg JM, Baltimore RS, **Fink AM**, Fischbein MP, O’Gara P, Taubert KA. Infective endocarditis in adults: Diagnosis, antimicrobial therapy, and management of complications. Scientific Statement from the American Heart Association. *Circulation*. 2015;132:1435-86. doi:10.1161/CIR.0000000000000296.
- 27.* **Fink AM**, Topchiiy I, Ragozzino M, Amodeo D, Waxman JA, Radulovacki M, Carley DW. Brown Norway and Zucker Lean rats demonstrate circadian variation in ventilation and sleep apnea. *Sleep*. 2014;37:715-21. doi:10.5665/sleep.3576.
28. Weaver TE, Calik MW, Farabi SS, **Fink AM**, Galang-Boquiren, MT, Kapella MK, Prasad B, Carley DW. Innovative treatments for obstructive sleep apnea. *Nature and Science of Sleep*. 2014;6:137-47. doi:10.2147/NSS.S46818.
- 29.* Gu L, **Fink AM**, Chowdhury SAK, Geenen DL, Piano MR. Cardiovascular responses and differential changes in mitogen-activated protein kinases following repeated episodes of binge drinking. *Alcohol & Alcoholism*. 2013;48:131-7. doi:10.1093/alcac/ags090.
- 30.* **Fink AM**, Gonzalez RC, Lisowski T, Pini M, Fantuzzi G, Levy WC, Piano MR. Fatigue, inflammation, and projected mortality in heart failure. *Journal of Cardiac Failure*. 2012;18:711-6. doi:10.1016/j.cardfail.2012.07.003.
31. Fritschi C, **Fink AM**. Fatigue in adults with type 2 diabetes—An overview of current understanding and management approaches. *US Endocrinology*. 2012;8:84-7. doi:10.17925/USE.2012.08.02.84.
32. Vuckovic KM, **Fink AM**. The six-minute walk test: Is it a method to evaluate heart failure therapies? *Biological Research for Nursing*. 2011;14:147-59. doi:10.1177/1099800411403918.
- 33.* Fennessy MM, **Fink AM**, Eckhardt AL, Jones J, Kruse DK, Vanderzwan KJ, Ryan CJ, Zerwic JJ. Gender differences in fatigue associated with acute myocardial infarction. *Journal of Cardiopulmonary Rehabilitation and Prevention*. 2010;30:224-30. doi:10.1097/HCR.0b013e3181d0c493.
- 34.* **Fink AM**, Eckhardt AL, Fennessy MM, Jones J, Kruse D, Vanderzwan KJ, Ryan CJ, Zerwic JJ. Psychometric properties of three instruments to measure fatigue with myocardial infarction. *Western Journal of Nursing Research*. 2010;32:967-83. doi: 10.1177/0193945910371320.
- 35.* **Fink AM**, Sullivan SL, Zerwic JJ, Piano MR. Fatigue with systolic heart failure. *Journal of Cardiovascular Nursing*. 2009;24:410-7. doi:10.1097/JCN.0b013e3181ae1e84.
36. **Fink AM**. Endocarditis after valve replacement surgery. Early recognition and treatment are essential for averting deadly complications. *American Journal of Nursing*. 2006;106:40-51. doi:10.1097/00000446-200602000-00021.
37. **Fink AM**, DeLuca G. Necrotizing fasciitis: Pathophysiology and treatment. *Dermatology Nursing*. 2002;14:324-7.

BOOK CHAPTERS

Vuckovic KM, **Fink AM**. Disorders of cardiac function (Chapter 19). Heart failure and circulatory shock (Chapter 20). In CM Porth’s *Essentials of Pathophysiology*, 4th Ed. Lippincott Williams & Wilkins. 2014;444-512.

AWARDS

Awards	Institutions	Date
Clinical Article of the Year (Pub #19)	American Heart Association	2021
Barbara Berger Excellence in Teaching Award	University of Illinois Chicago	2019
Marie Cowan Promising Investigator Award (Pub #24)	American Heart Association	2016
Sleep and Respiratory Neurobiology Abstract Award	American Thoracic Society	2014
Graduate College's Outstanding Dissertation Award	University of Illinois Chicago	2012
Martha N. Hill New Investigator Award (Pub #30)	American Heart Association	2011
Spirit Award (Surgical Intensive Care Unit)	Advocate Lutheran General Hospital	2008
U.S. Army Commendation Medal	U.S. Army (Nurse Corps)	2005

RESEARCH

Grants & Collaborators	Role, \$, Paid % Effort, Outcomes	Date
Remote postpartum intensive risk identification to prevent maternal morbidity/mortality, R01HD089935S1 Eunice Kennedy Shriver National Institute of Child Health and Human Development—\$270,000 supplement was awarded to McFarlin BL and O'Brien WD Jr.	Collaborator (0%), analyzing heart rate variability and blood pressure data acquired from a wearable sensor created by Yeo W at Georgia Institute of Technology (Data-based pubs under review)	2020–Present
Cardiovascular and gut microbiome consequences of sleep restriction, International Society of Nurses in Genetics and Sigma Theta Tau International Nursing Honor Society—\$7,000 was awarded to Maki KA	Mentor/Co-Investigator (0%), taught and supervised surgical, telemetry, and polysomnography methods (Pub #16)	2018–2019
Neurobiological mechanisms of sympathetic regulation in sleep apnea, K99R00NR014369 National Institutes of Health (NIH)/National Institute of Nursing Research (NINR)	Principal Investigator (PI), \$645,000 awarded (plus \$287,800 indirect funds)—led to NIH-R01 submissions about sleep neurobiology/disorders (Pubs #6, 13, 23, 24)	2013–2019
Blood pressure and the microbiome, Janet Deatruck Award	PI, \$2,500 awarded (no indirects)	2017–2018
Circadian blood pressure patterns in 'shift-working' rats, Midwest Nursing Research Society Seed Grant	PI, \$10,000 awarded (no indirects)—led to a Defense Advanced Research Projects Agency (DARPA) proposal about sleep deprivation	2016–2018
Pontine mechanisms, sleep, and blood pressure: Feasibility study using telemetry and brainstem manipulations in rats, Dean's Fund (University of Illinois Chicago College of Nursing)	PI, \$20,000 awarded (no indirects)—led to Department of Defense and NIH-R21 submissions about brainstem neural networks (Pub #22)	2015–2017
Fatigue in stem cell transplant survivors, U10CA037447 National Cancer Institute, Alliance for Clinical Trials in Oncology—\$81,000 was awarded to Hacker ED	Co-Investigator (5% salary support), analyzed immune biomarkers and supervised blood collection protocols (Pub #25)	2012–2014
Cytokines and heart failure, American Nurses Foundation	PI, \$6,900 awarded (plus \$600 indirect funds)	2009–2011
Fatigue and cytokines with heart failure, F31NR010810 Ruth L. Kirschstein National Research Service Award Individual Predoctoral Fellowship, NIH/NINR	PI, \$115,000 awarded (plus \$40,800 indirect funds)—led to NIH-DP5, VA-Early Career, and American Heart Association applications (Pubs #30 and 35)	2008–2011

DEPARTMENT OF VETERANS AFFAIRS (VA) RESEARCH APPOINTMENTS

WOC (Without Compensation)—Employment Status of Scientists Not Using VA Grants	Date
Clement Zablocki VA Hospital, Milwaukee, WI; Research Physiologist, Anesthesiology Department	2013–Present
Edward Hines Jr. VA Hospital, Hines, IL; Scientist, Health Services Research & Development	2011–2013
Jesse Brown VA Hospital, Chicago, IL; Nurse Scientist, Office of Nursing Services	2009–2013

GRANT REVIEWING—NIH & DEPARTMENT OF DEFENSE

Programs, Panels & Study Sections	Date
Reviewer, Congressionally Directed Medical Research Program (CDMRP) Panels	2019, 2021, 2023
Reviewer, CDMRP Military Operational Medicine Research Program	2018, 2023
Reviewer, NIH, Brain Disorders & Clinical Neuroscience, Aging Systems & Geriatrics	2022
Reviewer, U.S. Army, Medical Research Materiel Command	2017

MILITARY SERVICE

Discharged (Honorable) 2009

Department	Commission	Duty Type	Rank	MOS (Military Occupational Specialty)	Date
U.S. Army	Reserve	Ready Reserve	O3	Critical Care Nurse (MOS 66H8A)	2005–2009
U.S. Army	Direct/Reserve	Active Duty	O1–O3	Critical Care Nurse (MOS 66H8A)	2001–2005

Skill Set: Member of a U.S. Army SMART (Specialty Medical Augmentation Response Team):

Courses/Supervision/Precepting: Instructed Adult and Pediatric Life Support (ACLS, PALS, BLS) and Trauma (ENA-TNCC™)/Combat Casualty Care/Critical Care Transport/Triage Classes. Supervised Qualification Tests (e.g., Directed Range Safety NCOs). Precepted Corpsmen/Medics (e.g., MOS 91W), Medical-Surgical RNs and LPNs (e.g., MOS 66H and MOS 68C), and Reserve Officers' Training Corps Midshipmen and Cadets

ASI (Additional Skill Identifier) & Roles
U.S. Army Instructor Certification (ASI 5K awarded after completing a 40 hour course)

Intensive Care Unit Education Officer:
coordinated staff orientations/in-services
(e.g., vasoactive drip titration, ventilators)

AACN-CCRN® Certification awarded
(Exam) followed by 3 triennial renewals

NATIONAL TEACHING CERTIFICATION

Organization	Certification	Eligibility/Renewal Requirements	Date
National League for Nursing	CNE® Certified Nurse Educator	Exam and 75 continuing ed. units (e.g., innovative teaching strategy publications; Pubs #1, 2, and 3)	2022–Present

TEACHING COURSES—UNIVERSITY OF ILLINOIS CHICAGO

+ Writing-intensive courses

B: BSN; GE: Grad-Entry; D: DNP; P: PhD; PD: Post-Doc	Class Type	Term	Date
Physiology (NURS 534, Required-D)	Online	Fall, Spring	2015–Present
Pharmacology (NURS 422, Required-GE)	Live (Classroom)	Spring	2023
+ Theory for Nursing Research (NURS 571, Required-P)	Live (Classroom)	Spring	2018–2023
Pathophysiology & Pharmacology (NURS 223, Required-B)	Live (Classroom)	Fall	2022
+ Sleep Neurobiology (NUEL 596/NURS 599, Thesis-P)	Independent Study	Fall, Spring	2018–2021
Neuroscience Practicum (NUPR 593, Elective-P and PD)	Live (Laboratory)	Spring, Summer	2016–2019
Genetics Research Methods (NUEL 594, Elective-P)	Live (Classroom)	Fall	2014
Statistics Discussion Group (NURS 322, Required-B)	Live (Classroom)	Fall	2012

KAPLAN® TEST PREP INSTRUCTOR—CHICAGO LOOP CENTER

Test Prep Course (New Graduate/Pre-Licensure Students)	Class Type	Term	Date
NCLEX-RN® (Licensure Examination for Registered Nurses)	Live (Classroom)	Summer	2006–2008

SERVICE—UNIVERSITY OF ILLINOIS CHICAGO

Roles & Committees	Selection	Date
Advisory Board for Student Veterans Affairs, Office of the Dean of Students	Invited by Dean	2022–Present
Faculty Fellow in the Honors College	Applied/Selected	2016–Present
Search Committee for the Assistant Director of Student Veterans Affairs	Invited	2023
Reviewer, College of Nursing Applications for Admissions	Assigned	2019, 2022, 2023
Chair, Teaching Award Committee, Department of Biobehavioral Nursing Science	Invited	2022
Faculty Volunteer, COVID-19 Community Vaccination Program	Volunteered	2021
Reviewer, Provost's Graduate Research Awards	Invited	2020, 2021
Promotion & Tenure Committee, Department of Biobehavioral Nursing Science	Elected	2020–2021
Appointment, Promotion & Tenure Committee, College of Nursing	Elected	2018–2020
Search Committee for the Director of the Center for Sleep & Health Research	Invited by Dean	2017
Veterans Day Program Planning Committee, Office of the Dean of Students	Invited by Dean	2016

SERVICE—NURSING ACADEMY & PROGRAMS & MIDWEST NURSING RESEARCH SOCIETY (MNRS)

Roles & Committees	Selection	Date
Chair, MNRS External Relations/Dissemination Committee	Invited	2023–Present
Research Interest Group, MNRS 'Acute & Critical Care Across the Lifespan'	Volunteered	2022–Present
Planning Committee, MNRS 'Research & the Future: Exploring the Driving Forces'	Volunteered	2023
Fellow, MNRS Leadership Academy (co-coordinated Annual Leadership Seminar)	Applied/Selected	2022–2023
Chair, MNRS Implementation Work Group	Volunteered	2022–2023
Reviewer, Abstracts, Council for Advancement of Nursing Science Conference	Volunteered	2022
Planning Committee, MNRS 'Leading the Way' Conference	Volunteered	2022
Reviewer, Abstracts, American Academy of Nursing, Health Policy Conference	Volunteered	2021
Reviewer, Abstracts and Awards, MNRS 'Innovative Solutions' Conference	Volunteered	2021
President, Alpha Lambda Chapter, Sigma Theta Tau International Honor Society	Elected	2011–2013
Alumni Board Secretary, Niehoff School of Nursing, Loyola University Chicago	Invited by Dean	2007–2011

SERVICE—AMERICAN HEART ASSOCIATION (AHA)

Roles & Committees	Selection	Date
Communications/Membership, Cardiovascular & Stroke Nursing (CVSN) Council	Volunteered	2018–2021
Reviewer, Research & Clinical & Stroke CVSN 'Articles of the Year' Awards	Invited	2018, 2019
Reviewer, AHA Clinical & Behavioral Science Fellowship Applications	Invited	2018
Inducted as a Fellow (FAHA)	Applied/Selected	2017
Editor, <i>Connections</i> (AHA's Quarterly Newsletter—CVSN Section)	Volunteered	2016

Co-Authored AHA-CVSN Committee Reports:

McNair N, Taylor-Piliae RE, **Fink AM**. Council on Cardiovascular & Stroke Nursing Liaison Report: Stroke Nursing Committee. *Journal of Cardiovascular Nursing*. 2021;36:4-5. doi:10.1097/JCN.0000000000000766.

Shaffer RB, Young BT, **Fink AM**, Taylor-Piliae RE. Council on Cardiovascular & Stroke Nursing Liaison Report: Clinical Symposium. *Journal of Cardiovascular Nursing*. 2020;35:e115-6. doi:10.1097/JCN.0000000000000751.

Lambert LM, Pike NA, Taylor-Piliae RE, **Fink AM**. Council on Cardiovascular & Stroke Nursing Liaison Report: Pediatric Cardiovascular Nursing. *Journal of Cardiovascular Nursing*. 2020;35:15-7. doi:10.1097/JCN.0000000000000720.

Hayman LL, Taylor-Piliae RE, **Fink AM**. Council on Cardiovascular & Stroke Nursing Liaison Report: Global Engagement. *Journal of Cardiovascular Nursing*. 2020;35:4-5. doi:10.1097/JCN.0000000000000633.

Davis L, **Fink AM**, Taylor-Piliae RE. Council on Cardiovascular & Stroke Nursing Liaison Report: Development. *Journal of Cardiovascular Nursing*. 2019;34:361-3. doi:10.1097/JCN.0000000000000603.

Fink AM, Taylor-Piliae RE. Council on Cardiovascular & Stroke Nursing Liaison Report: Stroke Conference. *Journal of Cardiovascular Nursing*. 2019;34:9-10. doi:10.1097/JCN.0000000000000539.

Taylor-Piliae RE, **Fink AM**. Council on Cardiovascular & Stroke Nursing Liaison Report: Membership. *Journal of Cardiovascular Nursing*. 2018;33:304-5. doi:10.1097/JCN.0000000000000502.

Taylor-Piliae RE, **Fink AM**, Kitko L. Council on Cardiovascular & Stroke Nursing Liaison Report: Awards & Fellows. *Journal of Cardiovascular Nursing*. 2018;33:202-3. doi:10.1097/JCN.0000000000000479.

SERVICE TO JOURNALS—PEER-REVIEWING

Completed Reviews in Response to Journal Editors' Invitations	Impact Factor	Date
Reviewer, <i>FEBS Journal</i> (Federation of European Biochemical Societies)	5.622	2023
Reviewer, <i>Journal of Clinical Sleep Medicine</i>	4.324	2023
Reviewer, <i>Journal of Occupational Health</i>	2.570	2023
Reviewer, <i>Journal of the American Heart Association</i>	6.107	2021, 2022, 2023
Reviewer, <i>Occupational and Environmental Medicine</i>	3.490	2021, 2022, 2023
Reviewer, <i>Heart & Lung: The Journal of Cardiopulmonary and Acute Care</i>	3.149	2017, 2023
Reviewer, <i>Frontiers in Public Health</i> (Occupational Health & Safety Section)	6.461	2022
Reviewer, <i>Frontiers in Neuroscience</i> (Sleep & Circadian Rhythms Section)	5.152	2022
Reviewer, <i>Circulation</i>	39.922	2021, 2022
Reviewer, <i>Nature and Science of Sleep</i>	3.384	2020, 2022
Reviewer, <i>Autonomic Neuroscience: Basic and Clinical</i>	2.355	2019
Reviewer, <i>Brain, Behavior, and Immunity</i>	19.227	2018

PRESENTATIONS

* Data, # Invited, • Award, + Primary mentor for student presentations

International Audiences:

+ Jeamjitvibool T, Lockwood MB, **Fink AM**. Sleep disturbances in older adults receiving dialysis. International Council of Nurses' Congress, 2023, Montreal, Canada [Poster].

* Maki KA, Sweeney D, Barb JJ, Green SJ, **Fink AM**. Extraction methods and sex differences in rodent gut microbiomes. American Physiological Society, Trends in Sex and Gender Medicine Conference, 2021 [Virtual Podium].

* Abudayah F, Bronas UG, Collins EC, **Fink AM**, Murks C, Park CG, Puzanian H, Vuckovic KM. Frailty, quality of life, and renal dysfunction in African Americans with preserved ejection fraction heart failure. American Association of Heart Failure Nurses, 2021 [Virtual Podium]. Abstract in *Heart & Lung*, 50:559.

Johnson D, **Fink AM**, Sawicki KT. Defining and evaluating sleep health. American Heart Association's 'Getting to the Heart of Sleep Health,' 2021 [Podcast: <https://professional.heart.org/en/education/podcasts/defining-and-evaluating-sleep-health-podcast>].

* Mithani S, Kim H, Yun S, Guedes VA, **Fink AM**, Weljie A, Gehrman P, Gill JM. RNA sequencing reveals transcriptomic changes in individuals with insomnia, 2020 [Virtual Podium]. Abstract in *Sleep*, 43:A8-9.

* • Maki KA, Barb JL, Bronas UG, Calik MW, Green SJ, **Fink AM**. Cardioprotective microbes and restorative sleep are reduced, and blood pressure during sleep is increased, when rats have fragmented sleep. American Heart Association, Martha N. Hill Award Competition Session, 2020 [Virtual Podium (Maki KA received the New Investigator Award)]. Abstract in *Circulation*, 142:A17318.

* Breen KA, Finnegan L, Vuckovic KM, **Fink AM**, Rosamond WD, DeVon HA. Multimorbidity clusters in patients in the emergency department with potential acute coronary syndrome. American Heart Association, 2020 [Virtual Poster]. Abstract in *Circulation*, 142:A15529.

+ Onyiaapat E, **Fink AM**. Using Meleis' transitions theory to guide nursing care in culturally diverse populations in developing countries. International Qualitative Nursing Research Conference, 2020 [Virtual Podium].

* + Maki KA, Izci-Balserak B, Calik MW, **Fink AM**. Impact of chronically fragmented sleep on cortical EEG power spectra in rats. Society for Neuroscience, 2019, Chicago, IL [Podium].

- * Topchiy I, **Fink AM**, Maki KA, Calik MW. PiezoSleep scoring validation against EEG/EMG in rats. Society for Neuroscience, 2019, Chicago, IL [Poster].
- * + Maki KA, Lockwood MB, Green SJ, **Fink AM**. Metabolic consequences of insufficient sleep using 16S rRNA sequencing and metabolomics. International Society of Nurses in Genetics, 2019, Orlando, FL [Podium].
- * + Maki KA, Mithani S, Bronas UG, **Fink AM**. Blood pressure and restorative sleep intensity are altered by chronic daytime sleep disruption in rats. Sigma Theta Tau International Biennial Convention, 2019, Washington, DC [Poster].
- * # **Fink AM**. Investigating the rodent brain to devise strategies for managing sleep-disordered breathing. American Heart Association: Cardiovascular & Stroke Nursing Council Science, 2018, Chicago, IL [Podium].
- * # Maki KA, Mithani S, **Fink AM**. Unlocking the brain-cardiovascular-gut connections. International Society of Nurses in Genetics, 2018, Orlando, FL [Poster].
- # **Fink AM**. Shift-work and cardiovascular health. Sleep Research Society, 2017, Boston, MA [Podium].
- * **Fink AM**, Mithani S, Carley DW. Systolic blood pressure is increased during non-rapid eye movement sleep after light-phase sleep fragmentation in rats. American Academy of Sleep Medicine, 2017, Boston, MA [Poster]. Abstract in *Sleep*, 40:A33.
- * # **Fink AM**. Sympathetic regulation in sleep apnea. American Heart Association: Cardiovascular & Stroke Nursing Council Science. 2016, New Orleans, LA [Podium].
- * **Fink AM**, Vern BA, Carley DW, Topchiy I. A novel theta-gamma coupling during rapid eye movement sleep in rats. American Academy of Sleep Medicine, 2015, Seattle, WA [Poster]. Abstract in *Sleep*, 38:A47.
- * • **Fink AM**, Topchiy I, Dean C, Radulovacki M, Carley DW. A role for pedunculopontine tegmental neurons in regulating cardiovascular parameters. 2014, San Francisco, CA [Poster (Received American Thoracic Society's Sleep and Respiratory Neurobiology Abstract Award)]. Abstract in *American Journal of Respiratory and Critical Care Medicine*, 189:A2413.
- * **Fink AM**, Radulovacki M, Carley DW, Topchiy I. Quantitative electroencephalogram measures as predictors of memory in rats. American Academy of Sleep Medicine, 2014, Minneapolis, MN [Poster]. Abstract in *Sleep*, 37:A30.
- * **Fink AM**, Levy WC, Carley DW. Inflammation, sleep apnea, and heart failure prognosis. American Academy of Sleep Medicine, 2013, Baltimore, MD [Poster]. Abstract in *Sleep*, 36:A95.
- * **Fink AM**. Inflammatory biomarkers with comorbid sleep apnea and heart failure. Bloomberg Emerging Scholars Research Colloquium, 2013, Toronto, Canada [Podium].
- * **Fink AM**, Topchiy I, Ragozzino M, Amodeo DA, Radulovacki M, Carley DW. Differences in memory and rapid eye movement sleep in Brown Norway and Zucker Lean rats. American Academy of Sleep Medicine, 2012, Boston, MA [Poster]. Abstract in *Sleep*, 35:A95.
- * • **Fink AM**, Gonzalez RC, Lisowski T, Fantuzzi G, Pini M, Levy WC, Piano MR. Fatigue, inflammation, and projected mortality in heart failure. American Heart Association, Martha N. Hill Award Competition Session, 2011, Orlando, FL [Podium (Received the New Investigator Award)]. Abstract in *Circulation*, 124:A537.

Local, Regional, Campus Audiences:

- # **Fink AM**. Shift work, sleep, and nurses' health. UI Health's Nurse Wellness Seminar Series. University of Illinois Hospital, 2023, Chicago, IL [Virtual Podium (continuing ed. units awarded to attendees)].
- # Adeola MT, Shen Q, Timm J, **Fink AM**, Souza-Talarico J, Herr K, Fulton JS, Buckwalter K, Anderson CM. Leadership academy special session: Transforming pains into meaningful gains. Midwest Nursing Research Society, 2023, Des Moines, IA [Podium and Panel Discussion].

* + Stevens J, **Fink AM**. Sleep-disordered breathing and the brainstem. Bridges-to-Baccalaureate Scholars Colloquium, 2018, Chicago, IL [Poster].

* # **Fink AM**. Tails of research—rodent model studies may show us the optimal times to eat and sleep. National Biomedical Research Day at the University of Illinois, 2018, Chicago, IL [Podium].

* + Mithani S, **Fink AM**. Light-phase sleep restriction increases blood pressure in rats: A pre-clinical model for measuring responses to shift-work schedules. Midwest Nursing Research Society, 2017, Cleveland, OH [Poster].

* # **Fink AM**. Optical technologies shed light on new ways to study the brain. Nursing Research Day, University of Illinois, 2016, Chicago, IL [Podium].

* Eckhardt AL, **Fink AM**, DeVon HA. Severe fatigue is associated with low ventricular ejection fraction and depressive symptoms in patients with heart failure. Midwest Nursing Research Society, 2016, Milwaukee, WI [Podium].

* + Walker DP, **Fink AM**. Mechanisms linking sleep apnea with high blood pressure. Bridges-to-Baccalaureate Scholars Colloquium, 2015, Chicago, IL [Poster].

* # **Fink AM**. Converting clinical questions into research aims. Annual Clinical Translational Research Workshop. University of Illinois Center for Clinical & Translational Science, 2015, 2016, and 2017, Chicago, IL [Podium].

* **Fink AM**, Riley B, Carley DW. Circadian patterns in sleep-disordered breathing: Insights from animal models. Midwest Nursing Research Society, 2014, St. Louis, MO [Podium].

* **Fink AM**, Fantuzzi G, Piano MR. Cytokines predict sleep disorders and poor prognosis in patients with heart failure. Ruth K. Palmer Research Symposium, 2012, Loyola University Medical Center, Maywood, IL [Podium] and Nursing Grand Rounds, 2012, Jesse Brown VA Medical Center, Chicago, IL [Podium].

* **Fink AM**, Eckhardt AL, Fennessy MM, Ryan CJ, Zerwic JJ. Is severe fatigue a prodrome indicating an impending, life-threatening, cardiac event? American Association of Critical Care Nurses, 2008, Lincolnshire, IL [Poster].

Fink AM. Management of abdominal and pelvic trauma. Emergency Nursing Course, 2002, Camp Bullis, TX and Fort Gordon, GA [Podium and Simulation Workshop].

Fink AM. Addressing the psychological needs of patients hospitalized in the burn center. Mulcahy Scholars Program, 2001, Loyola University Medical Center, Maywood, IL [Podium].

//Nothing Follows.