

CURRICULUM VITAE

Shalome M. Tonelli, PhD, RN

Lecturer
College of Nursing, 478 CNB
The University of Iowa
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EDUCATION

Education

Dates	Degree	Field of Study	Institution
May 2016	PhD	Aging and Occupational Health	University of Iowa Iowa City, Iowa
December 2007	Certificate	Agricultural Safety and Health	University of Iowa College of Public Health Iowa City, Iowa
December 2007	MSN	Nursing	University of Iowa Iowa City, Iowa
May 2004	BA	Psychology	University of Iowa Iowa City, Iowa
May 2004	BSN	Nursing	University of Iowa Iowa City, Iowa

PhD Dissertation:

Musculoskeletal Symptoms among Iowa Farmers and Farmworkers

Licensures

2004 - Present RN. Iowa. #110972

Honors/Awards

2023 College of Nursing Internal Summer 2023 Teaching Development Grant
2019 Edmond J. Safra Visiting Nurse Faculty Program, Parkinson's Foundation
2018 Kirkwood Innovation of the Year, Kirkwood Community College
2017 Kirkwood Global Service Award, Kirkwood Community College
2015 Golden Pen, American Association of Occupational Health Nurses (AAOHN)
2013 Graduate College Summer Fellowship, University of Iowa
2012 Graduate Student Leadership, National Gerontological Nursing Association
2010 - 2012 Jonas-Hartford Scholar, Hartford Foundation
2008 - 2011 Graduate Assistance in Areas of National Need (GAAN) Fellow, University of Iowa College of Nursing
2005 - 2007 Heartland Center for Occupational Health and Safety Fellow, Heartland Center
2004 Inducted - Gamma Chapter, Sigma Theta Tau
2000 - 2004 Presidential Scholarship, University of Iowa

Professional Experience

Academic

- 2022 - Present Csomay Center for Gerontological Excellence Leadership Team, The University of Iowa College of Nursing, Iowa City, Iowa United States
- 2020 - Present Director, Certification Center, The University of Iowa College of Nursing Iowa City, Iowa United States
- 2018 - Present Lecturer Instructional Track, The University of Iowa College of Nursing Iowa City, Iowa United States
- 2013 - 2018 Assistant Professor, Kirkwood Community College Cedar Rapids, Iowa United States
Taught Advanced Concepts of Nursing, simulation, and clinical experiences in gerontology and medical-surgical rotations. Led student groups to Guatemala (2017) and Belize (2018).
- 2011 - 2016 Dissertation Research, The University of Iowa College of Nursing Musculoskeletal Symptoms in Migrant Farmworkers Iowa City, Iowa United States
- 2008 - 2012 Research Assistant, The University of Iowa College of Nursing Iowa City, Iowa United States

SCHOLARSHIP

Publications

Peer Reviewed Papers

- Liebzeit, D., Krupp, A., Bunch, J., **Tonelli, S.**, Griffin, E., McVeigh, S., Chi, N. C., Jaboob, S., Nakad, L., Arbaje, A. I., & Buck, H. (2023). Rural age-friendly ecosystems for older adults: An international scoping review with recommendations to support age-friendly communities. *Health science reports*, 6(5), e1241. <https://doi.org/10.1002/hsr2.1241>
- Culp, K., & **Tonelli, S.** 2019. Heat Related Illness in Midwestern Hispanic farmworkers: A descriptive analysis of hydration status & reported symptoms. *Workplace Health & Safety*. doi: <https://doi.org/10.1177/2165079918813380>.
- Cooper, N. A., Rakel, B. A., Zimmerman, B., **Tonelli, S. M.**, Herr, K. A., Clark, C. R., . . . Sluka, K. A.. 2017. Predictors of multidimensional functional outcomes after total knee arthroplasty. *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*. 35(12), 2790-2798. PMID: 28471509. doi: 10.1002/jor.23596.
- Tonelli, S.**, Culp, K., & Donham, K. J.. 2015. Prevalence of Musculoskeletal Symptoms and Predictors of Seeking Healthcare among Iowa Farmers. *Journal of agricultural safety*

and health. 21(4), 229-39. PMID: 26710580.

Tonelli, S., Culp, K., & Donham, K.. 2014. Work-related musculoskeletal disorders in senior farmers: safety and health considerations. *Workplace health & safety*. 62(8), 333-41. PMID: 25191676. doi: 10.1177/216507991406200804.

Tonelli, S. M., Rakel, B. A., Cooper, N. A., Angstrom, W. L., & Sluka, K. A.. 2011. Women with knee osteoarthritis have more pain and poorer function than men, but similar physical activity prior to total knee replacement. *Biology of sex differences*. 2, 12. PMID: 22074728, PMCID: PMC3228720. doi: 10.1186/2042-6410-2-12.

Culp, K., **Tonelli, S.**, Ramey, S. L., Donham, K., & Fuortes, L.. 2011. Preventing heat-related illness among Hispanic farmworkers. *AAOHN journal : official journal of the American Association of Occupational Health Nurses*. 59(1), 23-32. PMID: 21229935. doi: 10.3928/08910162-20101228-01.

Tonelli, S. M., Donham, K. J., Leedom-Larson, K., Sanderson, W., & Purschwitz, M.. 2009. Retrofitting tractors with rollover protective structures: perspective of equipment dealers. *Journal of agricultural safety and health*. 15(4), 365-75. PMID: 19967910.

Abstract

1. Cooper, N., Rakel, B., **Tonelli, S.**, Clark, C., Noiseux, N., & Sluka, K.. 2011. *Daily activities are limited by knee osteoarthritis and correlated with perceived disability and quality of life*. (4 Supplement ed., vol. 12, p. 19): The Journal of pain. doi: 10.1016/j.jpain.2011.02.077.

Grants and Contracts

Extramural Project Grants

Title: Grant/Project: 5883NW34 - FY24 GSL for Direct Care Workforce Initiative Prepare to Care Training - 2024

Role:

Funding Source: Iowa Department of Public Health

Current Status: Funded

Dates: 2023 - 2024

Amount: \$10,000

Title: Grant/Project: 5883NW34 - FY23 GSL for Direct Care Workforce Initiative Prepare to Care Training - 2023

Role:

Funding Source: Iowa Department of Public Health

Current Status: Funded

Dates: 2022 - 2023

Amount: \$10,000

Title: Grant/Project: 5882NW34 - FY22 GSL for Prepare to Care Training - 2022
 Role:
 Funding Source: Iowa Department of Public Health
 Current Status: Funded
 Dates: 2021 - 2022
 Amount: \$10,000

Title: Grant/Project: 5881NW34 - FY21 GSL for Prepare to Care Training - 2021
 Role:
 Funding Source: Iowa Department of Public Health
 Current Status: Completed
 Dates: 2020 - 2021
 Amount: \$10,000

Intramural Project Grants

The University of Iowa

Title: Engaging Nursing Students in Gerontology Utilizing Virtual Reality in the Classroom
 Role:
 Funding Source: Academic Technologies Advisory Council
 Current Status: Funded
 Dates: 2018 - 2019
 Amount: \$14,472

Research and Clinical Presentations

International

Tonelli, S., Lee, J., Cooper, N., Sluka, K., Frantz, R., Herr, K., Clark, C., Rakel, B. (2010). *Validation of the knee injury and osteoarthritis outcomes score (KOOS) using accelerometry, pain, and function measures in preoperative total knee arthroplasty patients*. 13th World Congress on Pain, IASP, Montreal, Quebec Canada. Paper.

Rakel, B., Logsdon-Sackett, N., Yang, X., Cooper, N., Tonelli, S., Herr, K., Frantz, R., Clark, C., Sluka, K. (2010). *Movement-evoked pain is not explained by hyperalgesia but is correlated with functional ability in patients with osteoarthritis*. 13th World Congress on Pain, IASP, Montreal, Quebec. Poster.

National

Cooper, N. A., Rakel, B., Tonelli, S. M., Clark, C. R., Noiseux, N. O., Sluka, K. A. (2011). *Daily activities are limited by knee osteoarthritis and correlate with perceived disability and quality of life*. American Pain Society 30th Annual Scientific Meeting, APS, Austin, Texas United States. Poster.

Regional

- Tonelli, S., Donham, K., Culp, K. (2012). *Musculoskeletal symptoms of farmers: Prevalence, costs, and related factors*. Midwest Nursing Research Society, MNRS, Dearborn, Michigan United States. Poster.
- Tonelli, S., Grafft, L. (2007). *Farm tractor safety: Rollover protective structures retrofitting*. Iowa/Nebraska Equipment Dealers' Annual Meeting, Council Bluffs, Iowa United States. Oral.

State

- Tonelli, S. (2023). *Prevent Dehydration – Learn to Hydrate Like a Pro!* Iowa CareGivers Annual Conference October 9-10th, 2023. Ankeny, Iowa, United States. Oral Presentation.
- Tonelli, S. (2023). *Updates on State of Iowa Nurse Aide Testing and Evaluator Training*. Nurse Aide Instructor Update 2023. Marshalltown, Iowa, United States. Oral Presentation.
- Tonelli, S., Winborn, A., Mobile, C. (2014). *Mobile outreach trailer from concept to reality: building programming and outreach services in an agricultural community*. 12th Annual Midwest Rural and Agricultural Safety and Health Conference, Ames, Iowa United States. Poster.
- Tonelli, S., Winborn, A., Clostermann, C. (2013). *Experiences of a start-up agricultural outreach and education service: Rural health and safety clinic of greater Johnson County*. 12th Annual Midwest Rural and Agricultural Safety and health Conference, Ames, Iowa United States. Oral Presentation.
- Tonelli, S. (2007). *Nursing assessments and practice in agriculture*. 9th Annual Occupational health Symposium, Iowa City, Iowa United States. Oral Presentation.

SERVICE**Professional Service**

2021- current	Iowa Alzheimer's Disease and Related Dementias Coalition Member
2021- current	Lifelong Smiles Coalition
2006 - 2018	American Association of Occupational Health Nurses
2006 - 2018	American Association of Occupational Health Nurses
2014 - 2017	Northeast Iowa Association (NIAOHN), Officer, Secretary
2015 - 2016	Workplace Health & Safety Sage Journal, Peer Reviewer

Collegiate Service

2023- present	CON – DEI Committee, Member
2018 - present	CON - BSN Admission/Progression Subcommittee, Member
2018-2021	CON- Technology Committee, Attendee

TEACHING

Course Instruction

Fall 2018- current	NURS: 3620 Gerontological Nursing. 72-80 students
Fall 2018- current	NURS: 3625 Gerontological Nursing Practicum. 8-13 students
Fall 2019- current	NURS: 3160 Professional Role 1 71-80 students
Fall 2018- Spring 2019	NURS: 4155 Senior Nursing Internship.

Students Mentored

Fall 2020	Kendall, Laura – Graduate – MSN. Preceptorship in Nursing Education, Duke University School of Nursing.
Fall 2020	Coates, Katie- Undergraduate- BSN. Nutritional Status in Geriatric Trauma Patients. Presentation to Undergraduate Gero Nursing Students.
2019 - 2020	Ohrnstein, Kaitlyn - Undergraduate - Degree Objective: BSN. Identifying Potential Vectors of Infection in Nursing Homes in Order to Decrease Infections
2019 - 2020	Intlekofer, Mackenzie - Undergraduate - Degree Objective: BSN. Dementia and Delirium Differentiation and Basic Care-giving Strategies for Older Adults in Long-term Care Settings with Short Stay Units