

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

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

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 (*data-based)*

1. 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>.
2. 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.
3. **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.

4. **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.
5. **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.
6. 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.
7. **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: 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

1. 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.

National

1. 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

1. 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.
2. 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

1. 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.
 2. 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.
 3. Tonelli, S. (2007). *Nursing assessments and practice in agriculture*. 9th Annual Occupational health Symposium, Iowa City, Iowa United States. Oral.
1. Rakel, B., Logsden-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.

SERVICE

Professional Service

2021- current	Iowa Alzheimer's Disease and Related Dementias Coalition Member
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

University Service

2018 - 2021	CON - Technology Committee, Attendee
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Collegiate Service

2018 - Present	CON - BSN Admission/Progression Subcommittee, Member
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TEACHING

Course Instruction

Fall 2018- current	NURS: 3620 Gerontological Nursing. 72-80 students
Fall 2018- current	NURS: 3625 Gerontological Nursing Practicum. 12-13 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