



## CAMS-relevant articles

- “The Influence of Multimorbidity on Health Care Utilization at the End of Life for Patients with Chronic Conditions,” *Journal of Palliative Medicine*, 2019
- “Multimorbidity Patterns in the Elderly: a Prospective Cohort Study With Cluster Analysis,” *BMC Geriatrics*, 2018

# Alaa Albashayreh

My research interests are

- *Quality and person-centered care in serious illness and end of life*
- *Advance care planning, goals of care, and end of life conversations*
- *EHR and claims data as a tool to research end of life trajectories*

## I am looking for...

- *Collaborators with expertise in the use of EHR data, claims data, and data-mining*

# IOWA

---

## NURSING



**Alaa Albashayreh, MSN, RN  
PhD Student  
College of Nursing**

<https://nursing.uiowa.edu/academic-programs/phd/new-students/albashayreh>

## CAMS-relevant articles

- “Children tooth brushing behavior: A feasibility study on the association between oral microbiota,”  
*Submitted to BMC Oral Health*

# Susana Calderon

My research interests are

- *Oral Health*
- *Oral Symptoms*
- *Oral Microbiome*

## I am looking for...

- *Collaborators with expertise in vulnerable populations and obesity*

*Your Logo*

# IOWA

## NURSING



**Susana J. Calderon, Ph.D., RN  
Post Doctoral Research Fellow**

**NRSA T-90**

**University of Iowa  
College of Dentistry  
Iowa Institute of  
Oral Health Research**

## CAMS-relevant articles

- Systematic Review of Nonpharmacologic Approaches for the Management of Gastrointestinal Symptoms, *Oncology Nursing Forum*, 2019
- Distress-Based Gastrointestinal Symptom Clusters and Impact on Symptom Interference and Quality of Life in Patients with a Hematologic Malignancy Receiving Chemotherapy, *Journal of Pain and Symptom Management*, 2017
- Prevalence, Duration, Severity, and Distress of Chemotherapy-Related Gastrointestinal Symptoms in Patients With a Hematologic Malignancy, *Oncology Nursing Forum*, 2016
- Gastrointestinal symptoms in patients with cancer: A synthesis of the literature, *Oncology Nursing Forum*, 2012

# Catherine Cherwin

## My research interests are

- *Cancer symptom clusters*
- *GI symptom burden and GI microbiome*
- *Non-pharmacologic management of cancer symptoms*

## I am looking for...

- *Collaborators with expertise in symptom, management, cancer, or microbiome research*
- *An analytic method for visualizing large microbiome data and symptom data*

Your Logo  
**IOWA**

**NURSING**



**Catherine Cherwin, PhD, RN**  
**Assistant Professor**  
**College of Nursing**

# Allison Chi

My research interests are

- *Patients & caregivers' experience of pain/symptom management in the context of MCC*
- *Patients & caregivers' decision-making in pain/symptom management in the context of MCC*
- *Development of a web-based decision-making*

## I am looking for...

- *Collaborators or mentors for decision-making, MCC, or web-based application*

*Your Logo*  
**IOWA**  

---

**NURSING**



Allison Chi, PhD, RN  
College of Nursing

<http://www.nursing.uiowa.edu/faculty-staff/faculty-directory/nchi>

## CAMS-relevant articles

- Exosomal protein profiles as novel biomarkers in weight gain after kidney transplantation (submitted 2019)
- Oxidative stress is associated with weight gain in recipients at 12-months following kidney transplantation (2016)
- Coronary endothelial dysfunction and mitochondrial reactive oxygen species in type 2 diabetic mice (2013)

# Young-Eun Cho

My research interests are

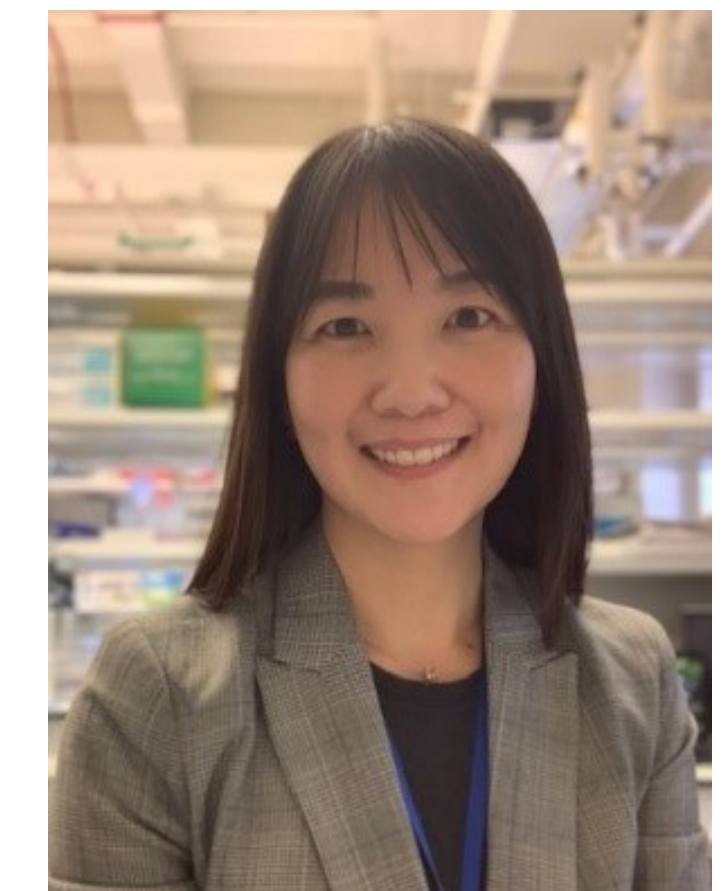
- *Placenta biomarkers associated with birthweight /childhood obesity*
- *Endothelial dysfunction in obese population*

## I am looking for...

- *Collaborators with expertise in peripheral blood biomarker*
- *A mentor for breast feeding-obesity*
- *An analytic method for big-data analysis*

Your Logo  
**IOWA**

**NURSING**



**Young-Eun Cho**  
**Assistant Professor**  
**College of Nursing**

<https://nursing.uiowa.edu/faculty-staff/faculty-directory/ycho4>

# Marcelo Correia

My research interests are

- *Obesity Management*
- *Non-alcoholic Fatty Liver Disease in Obesity and Diabetes*

## **I am looking for...**

- *Collaborators with expertise in Obesity Care (quantitative and qualitative research)*

*Your Logo*

**IOWA**

**NURSING**



**Marcelo Correia, MD PhD**  
**Clinical Assistant Professor,**  
**College of Medicine**

<https://medicine.uiowa.edu/internalmedicine/profile/marcelo-correia>

## CAMS-relevant articles

Establishing the genomics knowledge matrix for nursing science. *Journal of Nursing Scholarship*, 2018, doi: 10.1111/jnu.12427.

Mental models of cause and inheritance for type 2 diabetes among unaffected individuals who have a positive family history. *Qualitative Health Research*, 2017, doi:10.117/1049732317745052.

Bringing personalized medicine to a PACT program: A quality improvement project *Journal of the American Psychiatric Nurses Association* 2019. doi: 10.1177/1078390319826687

Type 2 diabetes familial risk personalization process profiles: Implications for patient-provider communication. *Research in Nursing & Health*, 42, 369-381. 2019 doi: 10.1002/nur.21971

# Sandra Daack-Hirsch

My research interests are

- *Inherited disorders and families:*
  - *Risk perception*
  - *Risk communication*

## I am looking for...

- *Investigators who can provide wet-lab research experiences for PhD students*
- *Investigators who can provide research practicum for PhD students interested high-needs complex patients.*

## IOWA

---

### NURSING



**Sandra Daack-Hirsch PhD, RN, FAAN**  
**Associate Professor**  
**PhD Program Director**

<http://www.nursing.uiowa.edu/faculty-staff/faculty-directory/sdaackhi>



# Karen Dillon

My research interests are

- *Skilled nursing facilities (SNF) and the ACO patient*
- *Complex needs of the ACO patient*

## I am looking for...

- *Collaborators with expertise in care transitions between hospitals and SNF*

*Your Logo*  
**IOWA**  

---

**NURSING**



**Karen Dillon, BSN RN**  
**Nurse Clinician,**  
**University of Iowa Healthcare**

## CAMS-relevant articles

- “An Evolutionary Concept Analysis of Reproductive Life Planning,” *Journal of Obstetric, Gynecologic, & Neonatal Nursing*, 2017
- “Preconception Care in the Veterans Health Administration”. *Seminars in Reproductive Medicine*, 2018
- “Activating Patients with a Tailored Bone Density Test Results Letter and Educational Brochure: The PAADRN Randomized Controlled Trial.” *Journal of Clinical Densitometry*, 2016

# Stephanie Edmonds

My research interests are

- *Patient-Clinician Communication*
- *Reproductive Life Planning*
- *Preconception Health*

## I am looking for...

- *Collaborators with expertise in measurement and ideas for studies on chronic conditions and pregnancy planning*



**Stephanie Edmonds, PhD,  
MPH, RN  
Nurse Scientist,  
UIHC**

## CAMS-relevant articles

- “User-centered development of medical visualization applications.” *Computers & Graphics Elsevier*
- “Towards sociable virtual humans: Multimodal recognition of human input and behavior.” *The International Journal of Virtual Reality, Ipi press*
- “Affective computing for behavior-based UI adaptation.” *Intelligent User Interfaces, ACM*

# Miguel Encarnação

My research interests are

- *Data & Information Visualization*
- *Virtual & Augmented Reality*
- *Intelligent User Interfaces*

## I am looking for...

- *Interesting Research Projects to contribute to*



THE UNIVERSITY OF IOWA

## Business Analytics



**L. Miguel Encarnação**  
PhD, MS CS  
Professor of Practice  
College of Business

<https://tippie.uiowa.edu/people/luis-miguel-encarnação>

## CAMS-relevant articles

- “Integrated model of multimorbidity and symptom science”  
*Nursing Outlook*, under review.
- “Strain- and Species-Level Variation in the Microbiome of Diabetic Wounds Is Associated with Clinical Outcomes and Therapeutic Efficacy,”  
*Cell Host and Microbe*, 2019
- “Human macrophage response to microbial supernatants from diabetic foot ulcers,”  
*Wound Repair and Regeneration*, 2019

# Sue Gardner

My research interests are

- Multiple Chronic Conditions in Iowans
- Chronic wound microbiome
- Wound pain

## I am looking for...

- Collegiate/Departmental Partners to develop a UI Center on MCC for Iowans
- Expertise in existing healthcare databases on Iowans.
- An analytic method for examining MCC patterns/clusters

# IOWA

## NURSING



**Sue Gardner, PhD, RN,  
FAAN**

**CAMS Co-Director, Professor  
College of Nursing**

<http://www.nursing.uiowa.edu/faculty-staff/faculty-directory/segardne>

# Nancy Genoar

My research interests are

- *Complex needs of the ACO patient*
- *Skilled nursing facilities (SNF) and the ACO patient*

## I am looking for...

- *Collaborators with expertise in care transitions between hospitals and SNF*

*Your Logo*

**IOWA**



**Nancy Genoar, BSN RN  
Nurse Clinician,  
University of Iowa Healthcare**

## CAMS-relevant articles

- Gilbertson-White, S., Yeung, C., & Wickersham, K. E. "Just Living With Them": Symptom Management Experiences of Rural Residents With Advanced Cancer. *Oncology nursing forum*. September 2019; 46(5), 531-542.
- Glisch, C., Gilbertson-White, S., Saeidzadeh, S., Lyckholm, L., & Hagiwara, Y. Immune Checkpoint Inhibitor Use Near the End of Life: A Single-Center Retrospective Study. *Journal of Pain and Symptom Management*. In-press.
- Gilbertson-White, S., Perkhounkova, Y., Saeidzadeh, S., Hein, M., Dahl, R., & Simons-Burnett, A. Understanding Symptom Burden in Patients With Advanced Cancer Living in Rural Areas. *Oncology nursing forum*. July 2019; 46(4), 428-441. PMID: 31225835, PMCID: PMC6642634. doi: 10.1188/19.ONF.428-441.
- Gilbertson-White, S., Yeung, C. W., Saeidzadeh, S., Tykol, H., Vikas, P., & Cannon, A. Engaging Stakeholders in the Development of an eHealth Intervention for Cancer Symptom Management for Rural Residents. *The Journal of rural health*. March 2019; 35(2), 189-198.

## Stephanie Gilbertson-White

My research interests are

- *Symptom management in people with multimorbidity including cancer*
- *Data mining electronic health records*
- *Rural health and multimorbidity*

## I am looking for...

- *Collaborators interested in:*
- *Symptoms science*
- *EHR data mining including NLP*
- *Understanding rurality & health outcomes*

Your Logo  
**IOWA**

**NURSING**



**Stephanie Gilbertson-White**  
**PhD, APRN-BC**  
**Associate Professor**  
**College of Nursing**

<https://nursing.uiowa.edu/faculty-staff/faculty-directory/sgilbertsonwhite>

# Andrea Greathouse

My research interests are

- *Documentation and ties to HCCs and DRGs, value based care*
- *How the quality of documentation affects treatment and outcomes from outpatient to inpatient*
- *How to document nursing care to show value similar to providers*

## I am looking for...

- *Collaborators that want to look at the reimbursement ties to value based care models*
- *An analytic method for quantifying the quality of documentation and a comparison model for outcomes*

# IOWA

## NURSING



**Andrea Greathouse, RHIT**  
**Faculty Practice**  
**Office Coordinator,**  
**College of Nursing**

## CAMS-relevant articles

- **Hadlandsmyth, K.**, Dindo, L. N., Wajid, R., Sugg, S. L., Zimmerman, M. B. & Rakel, B. A. (2019). [A single-session acceptance and commitment therapy intervention among women undergoing surgery for breast cancer: a randomized pilot trial to reduce persistent postsurgical pain.](#) *Psycho-Oncology*, 28(11), 2210-2217. PMID: 31430830.
- **Hadlandsmyth, K.**, Stewart, K. R., Paez, M. B., Steffen, M., Meth, M., Reisinger, H. S. & Mosher, H. J. (2019). [Patient perspectives on opioids: views of inpatient veterans with chronic pain.](#) *Pain Med*, 20(6), 1141-1147. PMID: 30020506.
- Lund, B. C., Ohl, M. E., **Hadlandsmyth, K.** & Mosher, H. J. (2019). [Regional and rural-urban variation in opioid prescribing in the Veterans Health Administration.](#) *Mil Med*. PMID: 31111908.

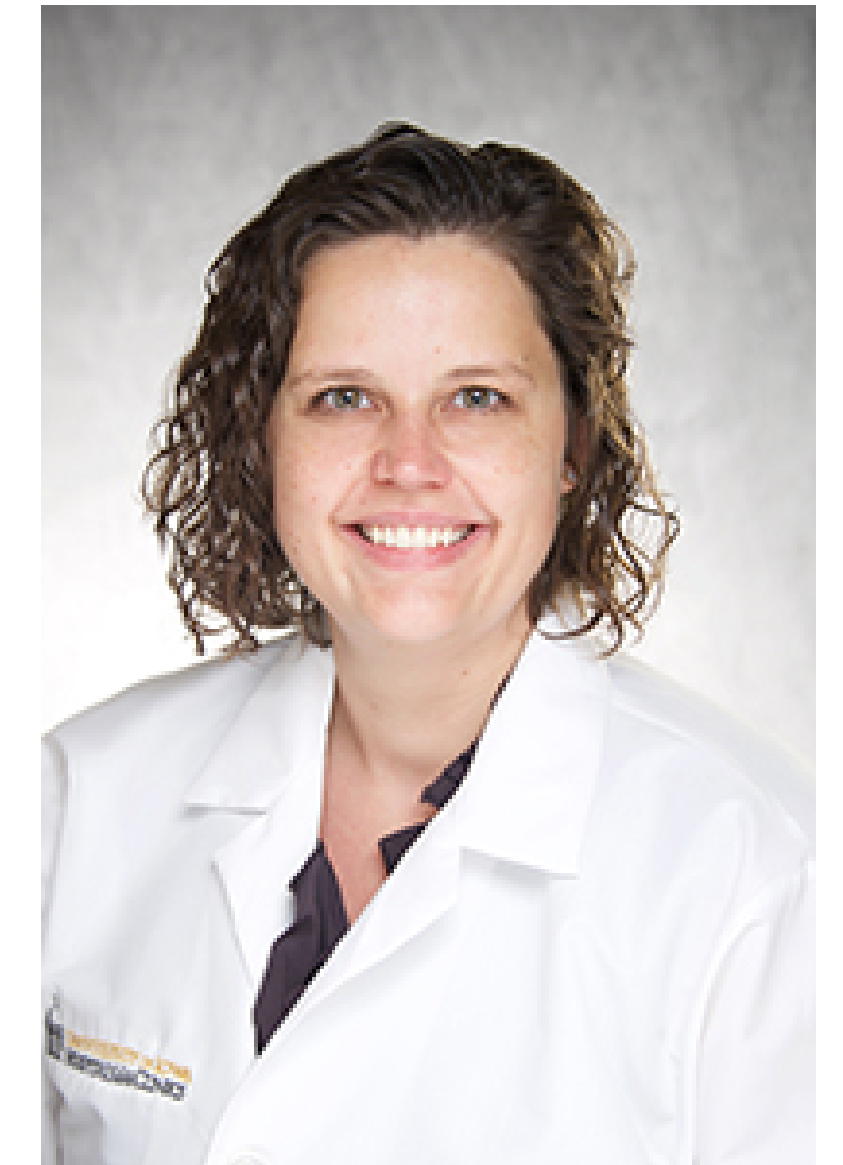
# Katie Hadlandsmyth

My research interests are

- The transition from acute to chronic pain, including persistent post-surgical pain.
- Designing behavioral interventions for subsets of patients with pain.
- Epidemiological opioid studies.

## I am looking for...

- *Collaborators with an interest in biomarkers related to pain.*



**Katie Hadlandsmyth, PhD**  
**Clinical Assistant Professor**  
**College of Medicine**

<https://medicine.uiowa.edu/anesthesia/profile/katherine-hadlandsmyth>



## CAMS-relevant articles

- Albert, N. M., Chipps, E., Falkenberg Olsen, A. C., **Hand, L. L.**, Harmon, M., Heitschmidt, M. G., Klein, C. J., Lefaiver, C., & Wood, T. (2019). Fostering Academic-Clinical Research Partnerships. *Journal of Nursing Administration*, 49(5), 234-241.
- Uttal, D. H., Meadow, N. G., Tipton, E., **Hand, L. L.**, Alden, A. R., Warren, C., & Newcombe, N. S. (2013). The malleability of spatial skills: A meta-analysis of training studies. *Psychological Bulletin*, 139:2, 352-402.
- Park, D. C., & **Liu, L. L.** (Eds.). (2007). *Medical Adherence and Aging: Social and Cognitive Perspectives*. Washington D. C.: American Psychological Association.

# Linda Liu Hand

My research interests are

- *Cognitive development, assessment and training*
- *Facilitation of research and interdisciplinary collaborations*

**I am looking for...**

- *Researchers or clinicians with an interest in presenting at research events and workshops or looking for expertise in nursing-relevant topics*

# IOWA

## NURSING



**Linda Liu Hand, PhD**  
**Director**

**Office for Nursing  
Research and Scholarship  
College of Nursing**

[Web link to faculty profile](#)

## CAMS-relevant articles

- Understanding symptom burden in patients with advanced cancer living in rural areas. *Oncology Nursing Forum*. 2019
- Eating Performance in Relation to Intake of Solid and Liquid Food in Nursing Home Residents with Dementia: a Secondary Behavioral Analysis of Mealtime Videos. *International Journal of Nursing Studies*. 2019.
- Person-Centered Communication for Nursing Home Residents with Dementia: Four Communication Analysis Methods. *Western Journal of Nursing Research*. 2017.

# Maria Hein

My research interests are

- *SAS programming*
- *Data analysis*
- *REDCap databases*

**I am looking for...**

- *Collaborators with expertise in data sharing*

# IOWA

## NURSING



**Maria Hein, MSW  
Data Manager,  
College of Nursing**

<http://www.nursing.uiowa.edu/faculty-staff/staff-directory/mlhein>

## CAMS-relevant articles

Shega, J., Weiner, D.K., Paice, J., Pinar, S., Rockwood, K., Dale, W., Ersek, M. & Herr, K. (2010). The association between non-cancer pain, cognitive impairment and functional disability: An analysis of the Canadian Study of Health and Aging. *Journal of Gerontology: Medical Sciences*.\*  
doi:10.1093/gerona/glq0.39. PMID: PMC2903783.

Nash, P., Neradilek, M., Hilgeman, M., Herr, K., Block, P., Collins, A. & Ersek, M. (in press). Pain prevalence, pattern, severity and management among nursing home residents with moderate to severe cognitive impairment. *JAGS*

Herr, K., Mobily, P., & Smith, C. (1993). Depression and the experience of chronic back pain: A study of related variables and age differences. *The Clinical Journal of Pain*, 9, 104-114.\*

Two databases with data on MCC and pain: nursing home and hospices

# Keela Herr

My research interests are

- *Pain in older adults*
- *Implementation of best practices*
- *Pain at end of life for older adults*

## I am looking for...

- *Opportunities to support other faculty in developing programs of research*

Your Logo  
**IOWA**

**NURSING**



**Keela Herr, PhD, RN**  
**Kelting Professor in Nursing**  
**Associate Dean for Faculty,**  
**College of Nursing**

<https://nursing.uiowa.edu/faculty-staff/faculty-directory/kherr>

## CAMS-relevant articles

- "Research IT maturity models for academic health centers: Early development and initial evaluation" Clin Transl Sci. 2018  
10.1017/cts.2018.339.30828469
- Dissemination and Continuous Improvement of a CTSA-based Software Platform, SPARCRequest©, Using an Open Source Governance Model. Journal of Clinical and Translational Science, 2019

# Boyd Knosp

My research interests are

- *Leveraging informatics and IT to accelerate translational science*
- *Understanding informatics organization and services*
- *Technology maturity models*

## I am looking for...

- *Researchers looking for informatics services*
- *Early career health professionals looking for informatics training*

# IOWA

## NURSING



**Boyd Knosp, MS, FAMIA**  
**Associate Dean for IT,**  
**Carver College of Medicine**  
**Associate Director**  
**for Biomedical Informatics,**  
**ICTS**  
**Co-Director for Advanced**  
**Analytics, CAMS**

## CAMS-relevant articles

- “Factors Nurses in the Intensive Care Unit Consider When Making Decisions About Patient Mobility,” *American Journal of Critical Care*, 2019

# Anna Krupp

My research interests are

- *Improving functional outcomes for ICU survivors*
- *Nurse decision-making*
- *Impact of multimorbidity on pain, fatigue, and mobility among critically ill patients*

## I am looking for...

- *Collaborators with expertise in using EHR data*
- *A mentor for prospective research, optimizing symptom assessment in critically ill patients*
- *An analytic method for predicting discharge functional ability based on ICU interventions and clinical course*

# IOWA

## NURSING



**Anna Krupp, PhD, RN**  
**Assistant Professor,**  
**College of Nursing**

[Web link to faculty profile](#)

## CAMS-relevant articles

- Article #1 recognition, prevention, and treatment of delirium in emergency department: An evidence-based narrative review, *Am J Emerg Med* 2019
- Article #2 Evaluation of emergency department derived delirium prediction models using a hospital-wide cohort,, *Jpsychosom Res* 2019

# Sangil Lee

My research interests are

- *Research interest #1 Delirium*
- *Research interest #2 Mental health*
- *Research interest #3 Informatics*

## I am looking for...

- *Collaborators with expertise in implementation science and informatics*
- *A mentor for aging research*
- *An analytic method for focus group and modified Delphi*

Your Logo  
**IOWA**

**NURSING**



**Sangil Lee, MD, MS**  
**Clinical Assistant Professor,**  
**College of Medicine**

[Web link to faculty profile](#)

## CAMS-relevant articles

- “Eating performance in relation to intake of solid and liquid food in nursing home residents with dementia: A secondary behavioral analysis of mealtime videos”, *International journal of nursing studies*, 2019
- “Dental-related Function and Oral Health in Relation to Eating Performance in Assisted Living Residents With and Without Cognitive Impairment”, *Special Care in Dentistry*, 2019
- “Facilitators and barriers to optimizing eating performance among cognitively impaired older adults: A qualitative study of nursing assistants’ perspectives”, *Dementia*, 2018

# Wen Liu

My research interests are

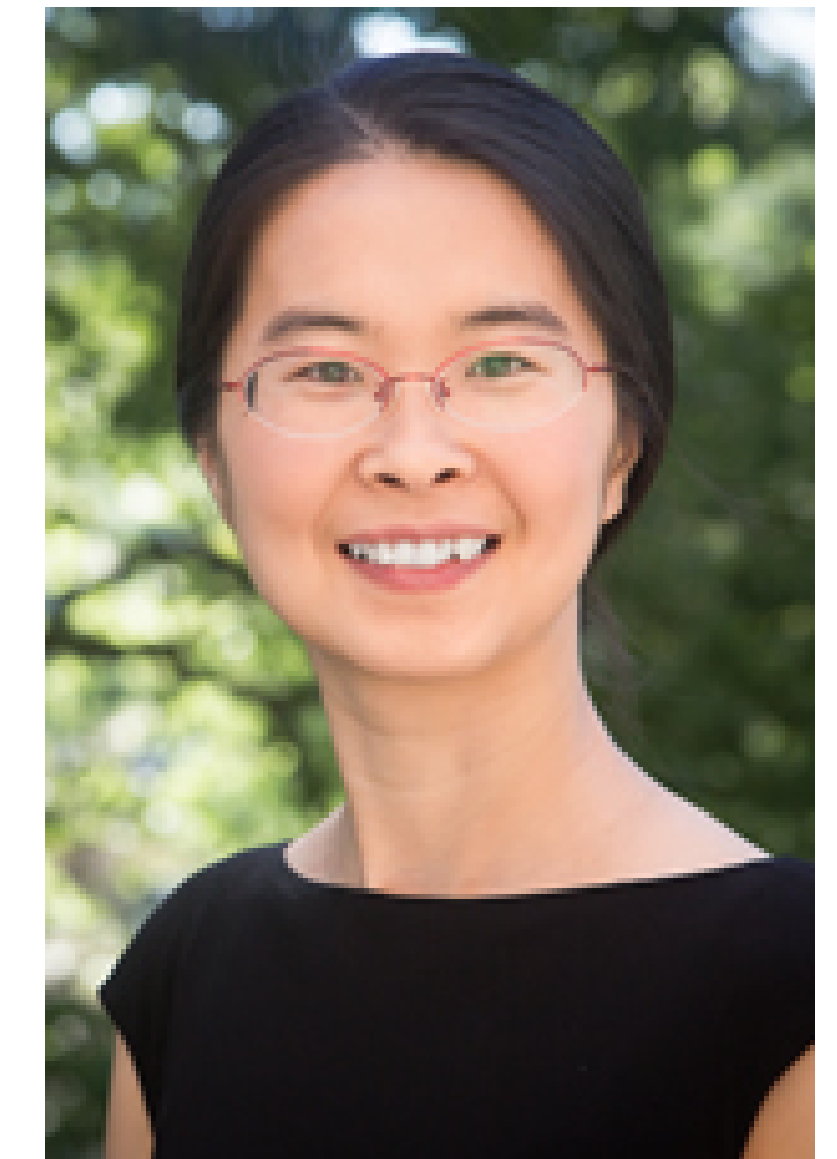
- *Mealtime difficulties, function, and nutrition in dementia*
- *Behavioral engagement, dyadic interaction, dining environmental stimulation*
- *Tool development and validation*

## I am looking for...

- *Collaborators with expertise in behavioral intervention development, and behavioral coding (e.g., using Noldus)*
- *An analytic method for temporal relationships (e.g., sequential analysis)*

# IOWA

## NURSING



**Wen Liu, PhD, RN**  
**Assistant Professor**  
**College of Nursing**

<https://nursing.uiowa.edu/faculty-staff/faculty-directory/wliu44>

## CAMS-relevant articles

- *Toward meaningful care plan clinical decision support: Feasibility and effects of a simulated pilot study*, Nursing Research 2017
- *Nurses' numeracy and graphical literacy: Informing studies of clinical decision support interfaces*, Journal of Nursing Care Quality, 2016

# Karen Dunn Lopez

- *Tailored clinical decision support/aides*
- *Health information technology design & usability testing*
- *Generating knowledge from secondary use of EHR data*

## I am looking for...

- *Collaborators for identifying symptoms using nursing documentation data*
- *Collaborators to develop symptom based decision aids*
- *Outcomes measurement associated with technology use*

*Your Logo*  
**IOWA**  

---

**NURSING**



**Karen Dunn Lopez, PhD,  
MPH, RN  
Associate Professor,  
College of Nursing**

<https://nursing.uiowa.edu/faculty-staff/faculty-directory/klopez>



## CAMS-relevant articles

- Hacker, E. D., McCarthy, A.M., & DeVon, H. (2019). Precision Health: Emerging science for nursing research. *Nursing Outlook*, 67(4), 287-289.
- Buckwalter, K., Cullen, L., Hanrahan, K.M., Kleiber, C.M., McCarthy, A. M., Rakel, B.A Reimer, T.T., & Tucker, S.J. (2017). Iowa Model-Revised: Development and Validation. *Worldviews on Evidence-Based Nursing*, 14(3), 175-182.
- LaFond, C. M., Hanrahan, K. S., Pierce, N. L., Perkhounkova, Y., Weinberg, E. L., & McCarthy, A.M. (2019). Pain in the Pediatric Intensive Care Unit: How and What are We Doing? *American Journal of Critical Care*, 28(4), 265-273.

# Ann Marie McCarthy

My research interests are

- *Children with chronic conditions*
- *Pain management in children*
- *School health*

## I am looking for...

- *Colleagues with research interests in symptom management in children with chronic conditions*

# IOWA

## NURSING



**Ann Marie McCarthy, PhD,  
RN, FNASN, FAAN  
Professor & Associate Dean  
College of Nursing**

<https://nursing.uiowa.edu/faculty-staff/faculty-directory/ammccart>

## CAMS-relevant articles

- “Multi-morbidity: implications for cognition – findings from the Wisconsin Registry for Alzheimer’s Prevention (WRAP),” *Applied Nursing Research*, 2018
- “Sleep-Disordered Breathing, Brain Volume, and Cognition in Older Individuals with Heart Failure,” *Brain and Behavior*, 2018
- “Multimodal Brain Imaging Investigation of Self-Reported Sleep Quality and Daytime Sleepiness in Older Adults with Heart Failure,” *International Journal of Neuroscience*, 2018

# Chooza Moon

My research interests are

- *Sleep and Circadian Rhythm*
- *Neural Aging*
- *Cardiovascular disease*

## I am looking for...

- *Collaborators with expertise in biomarkers in cardiovascular status*
- *A mentor for intervention study*
- *An analytic method for advanced statistical and machine learning analysis and MRI analysis*

Your Logo  
**IOWA**

**NURSING**



**Chooza Moon, PhD,  
Assistant Professor,  
College of Nursing**

[Web link to profile-CON](#)

[Homepage](#)

# Todd Papke

My research interests are

- *Audio Alerts in the ICU*
- *NIC/NOC clustering*
- *Wound identification and classification*

## I am looking for

- *Collaborators with expertise in SQL Server, Web app, and iOS Research Kit development*
- *An analytic method for classifying wound staging from images*

# IOWA

## NURSING



Todd Papke, PhD  
Health  
Informatics

Office of Nursing Research  
College of Nursing

[Web link to faculty profile](#)

## CAMS-relevant articles

- “Realistic Evaluation of a Rapid Response System: Context, Mechanisms, and Outcomes,” *Western Journal of Nursing Research*, 2019
- “Distress-Based Gastrointestinal Symptom Clusters and Impact on Symptom Interference and Quality of Life in Patients with a Hematologic Malignancy Receiving Chemotherapy,” *Journal of Pain and Symptom Management*, 2017
- “Use of Body Sensors to Examine Nocturnal Agitation, Sleep, and Urinary Incontinence in Individuals With Alzheimer's Disease,” *Journal of Gerontological Nursing*, 2018

# Yelena Perkhounkova

## My research interests are

- *Analyses of complex, hierarchical data*
- *Psychometric instrument development and validation*
- *Innovative research designs*

## I am looking for...

*Collaborators for grant proposals and publications.*

# IOWA

## NURSING



**Yelena Perkhounkova, PhD  
Statistician Manager,  
College of Nursing**

[Web link](#)

## CAMS-relevant articles

- “PROMIS Instruments: Reliability and Validity in Veterans Following Orthopedic Surgery.,” *Evaluation & the Health Professions, 2019*
- “Acceptance and Commitment Therapy for Prevention of Chronic Post-surgical Pain and Opioid Use in At-Risk Veterans: A Pilot Randomized Controlled Study.” *J Pain, 2018.*
- “Preoperative predictors of pain following total knee arthroplasty. *J Arthroplasty, 2014.*

# Barbara Rakel

My research interests are:

- Predictors of chronic postsurgical pain
- Efficacy of non-pharmacologic pain interventions to improve outcomes in “at-risk” patient populations
- Improving movement-evoked pain

## I am looking for...

- Investigators interested in studying patients with multiple chronic condition conditions.

# IOWA

## NURSING



**Barbara Rakel, PhD, RN,  
FAAN**

**CAMS Co-Director, Professor  
College of Nursing**

<http://www.nursing.uiowa.edu/faculty-staff/faculty-directory/rakelb>

## CAMS-relevant articles

- “Medicaid and Nursing Home Choice: Why do Duals End up in Low-Quality Facilities?”, *Journal of Applied Gerontology*. 2019.
- “Does nursing home compare reflect patient safety in nursing homes?”, *Health Affairs*. 2018.

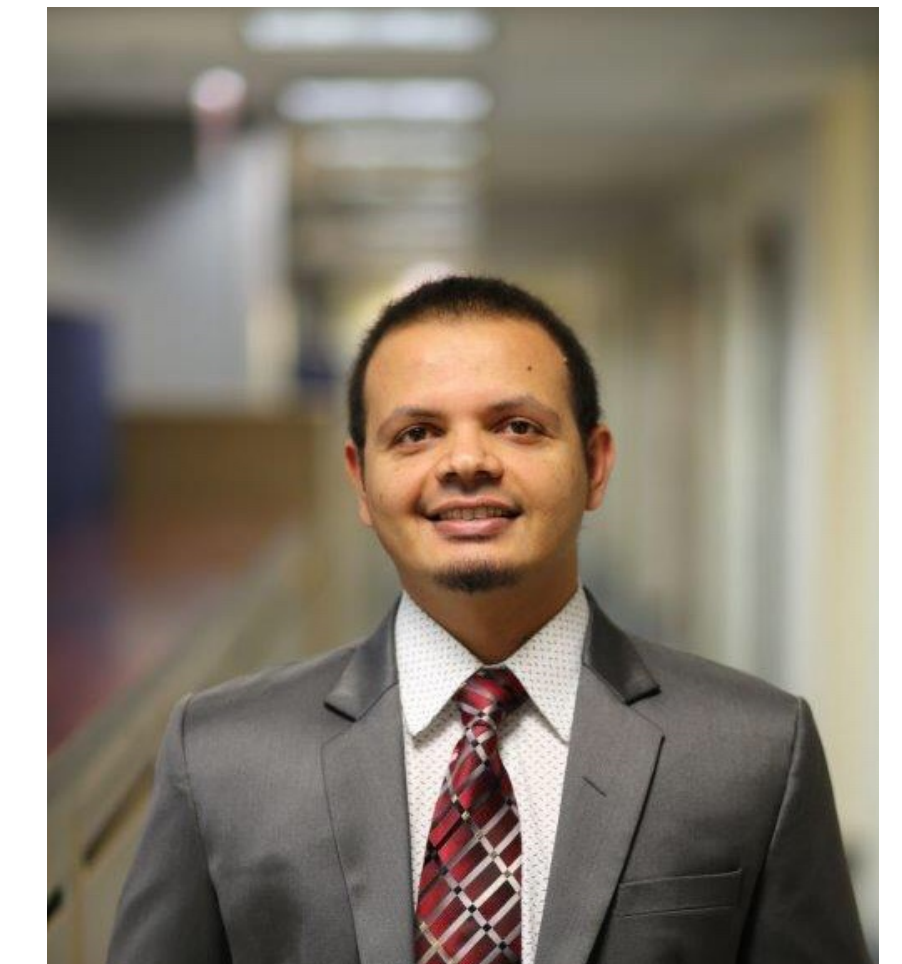
# Hari Sharma

My research interests are

- *Aging*
- *Nursing homes*
- *Health economics*

**I am looking for...**

- *Collaborators with expertise/interest in older adults including those in nursing homes*



**Hari Sharma, PhD,  
Assistant Professor,  
Department of Health  
Management and Policy,  
College of Public Health**

[Faculty profile](#)

## CAMS-relevant articles

- Building a computer program to support children, parents and distraction during healthcare procedures. Computers, Informatics, Nursing 30:10:554-561, October 2012
- A data modeling process for decomposing healthcare patient data sets. Online Journal of Nursing Informatics 13(1), February 2009.

# Nick Street

My research interests are

- *Data mining*
- *Machine learning*
- *Healthcare analytics*

## I am looking for...

- *Healthcare researchers with data and questions to answer*
- *Data scientists interested in making connections with CoN*



THE UNIVERSITY OF IOWA



**Nick Street, PhD**  
**Associate Dean for Research**  
**& PhD Programs**  
**Tippie College of Business**

<https://tippie.uiowa.edu/people/nick-street>

## CAMS-relevant articles

- “Correlates of Perinatal PTSD Among Culturally Diverse Women with Depressive Symptomatology,” *Issues in Mental Health Nursing*, 2018
- “Pain and Depression Symptoms During the Third Trimester of Pregnancy,” *Submitted for Publication*.
- “Copeptin, Depression Symptoms, SSRIs, and Preeclampsia,” *To be submitted for publication after embargo (February 2020)*

# Julie Vignato

My research interests are

- *Perinatal Mental Health/Preeclampsia*
- *Perinatal/Reproductive Pain*
- *Perinatal Biomarkers/Biological Mechanisms*

## I am looking for...

- *Collaborators with expertise in Perinatal Pain*

Your Logo  
**IOWA**

**NURSING**



**Julie Vignato, PhD,  
RNC-LRN, CNE  
Assistant Professor,  
College of Nursing**

<https://nursing.uiowa.edu/faculty-staff/faculty-directory/jvignato>



## CAMS-relevant articles

- Wang, Chao, and Shiyu Zhou. "Process tracking and monitoring based on discrete jumping model." *Journal of Quality Technology* 50.1 (2018): 34-48.
- Wang, Chao, and Shiyu Zhou. "Approximate multivariate distribution of key performance indicators through ordered block model and pair-copula construction." *IIE Transactions* (2019): 1-14.

# Chao Wang

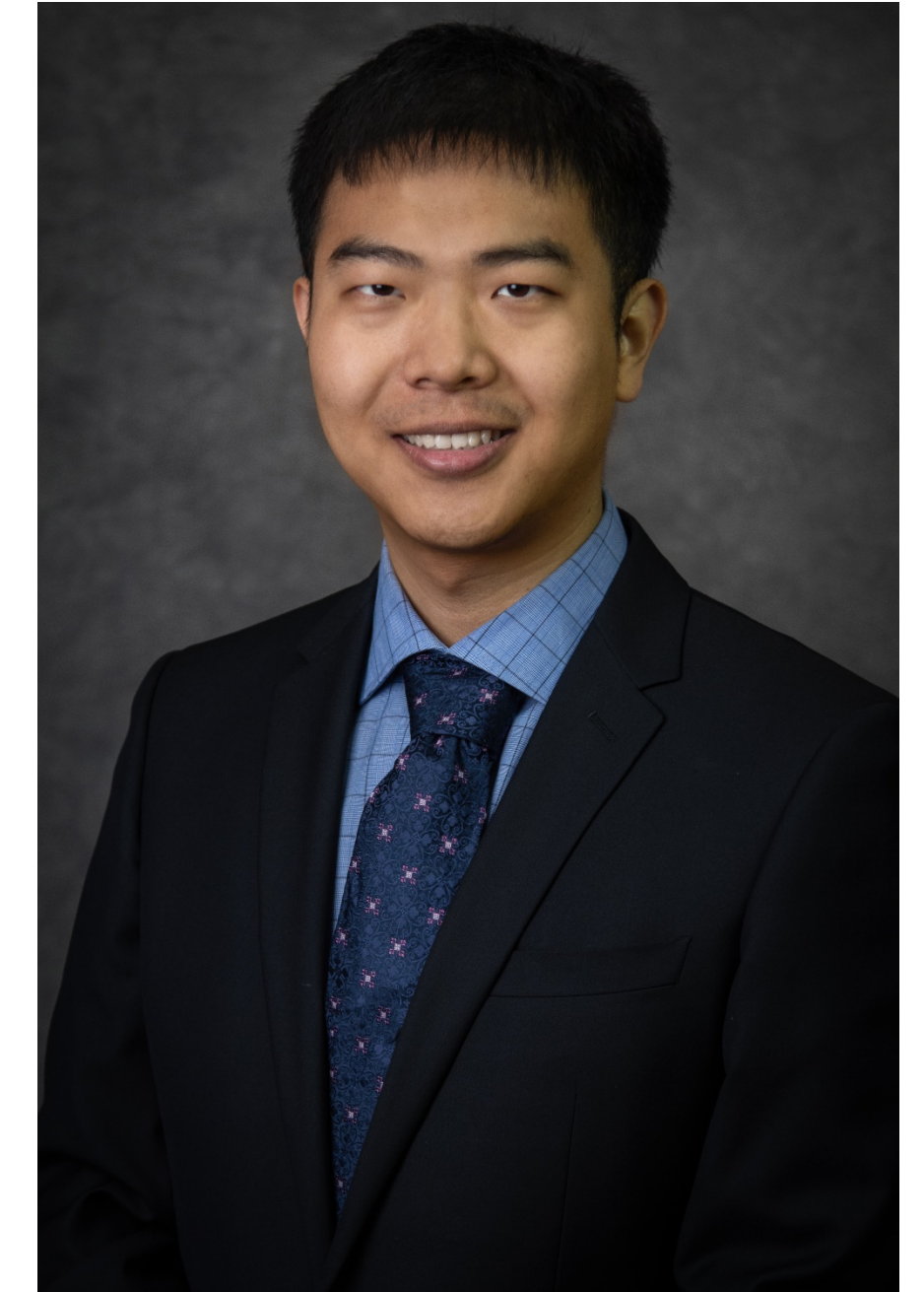
My research interests are

- *Transfer/multitask learning and information fusion*
- *High dimensional data modeling*
- *Process monitoring and control*

## I am looking for...

- *Collaborators with field knowledge and rich data but need a comprehensive way to efficiently extract information from data or combine their field knowledge to better understand the data.*

**IOWA**<sup>™</sup>  
ENGINEERING



**Chao Wang, PhD**  
**Assistant Professor,**  
**Dept. Industrial Engineering**  
**College of Engineering**

<https://www.engineering.uiowa.edu/faculty-staff/chao-wang>

## CAMS-relevant articles

- Williams, J.K., et al. (2019) Advocacy and actions to address disparities in access to genomic health care. *Nursing Outlook* 67(5), 605-612.
- Cohn, E.G., et al.. (2017) Self-reported race/ethnicity of biobank participants in the United States. *Journal of Community Genetics* 8, 229-238
- Williams, J.K et al.(2012). Researcher and IRB chair perspectives on incidental findings in genomic research. *Genetic Testing and Biomarkers* 16(6), 508-513.

# Janet Williams

My research interests are

- *Ethical issues in genomic health care*
- *Enrichment Program Co-Director: MMC research skill development of CAMS members*

## I am looking for...

- *Collaborators, for CAMS projects or enrichment activities, with expertise in MMC and multiple symptom research recruitment, design, data analysis, and data interpretation in rural adults*

# IOWA

## NURSING



**Janet K. Williams, PhD, RN,  
FAAN**

**Professor and IRB 02 chair  
College of Nursing**

<http://www.nursing.uiowa.edu/faculty-staff/faculty-directory/jwilliam>

## CAMS-relevant articles

- “Selecting symptom instruments for cardiovascular Populations,” *Care of Patients with Cardiovascular Disorders*, 2016
- “Systematic review of symptom clusters in cardiovascular disease,” *European Journal of Cardiovascular Nursing*, 2017
- “Fatigue in the presence of coronary heart disease,” *Nursing Research*, 2014

# Julie Zerwic

My research interests are

- Cardiovascular symptoms and risk factors
- Fatigue as a cardiovascular symptom
- Diversity in the nursing workforce

## I am looking for...

- Collaborators with expertise in measurement and mechanisms of cardiovascular related fatigue

# IOWA

## NURSING



**Julie Zerwic, PhD, RN,  
FAHA, FAAN  
Dean, Professor  
College of Nursing**

<https://nursing.uiowa.edu/faculty-staff/faculty-directory/jzerwic>