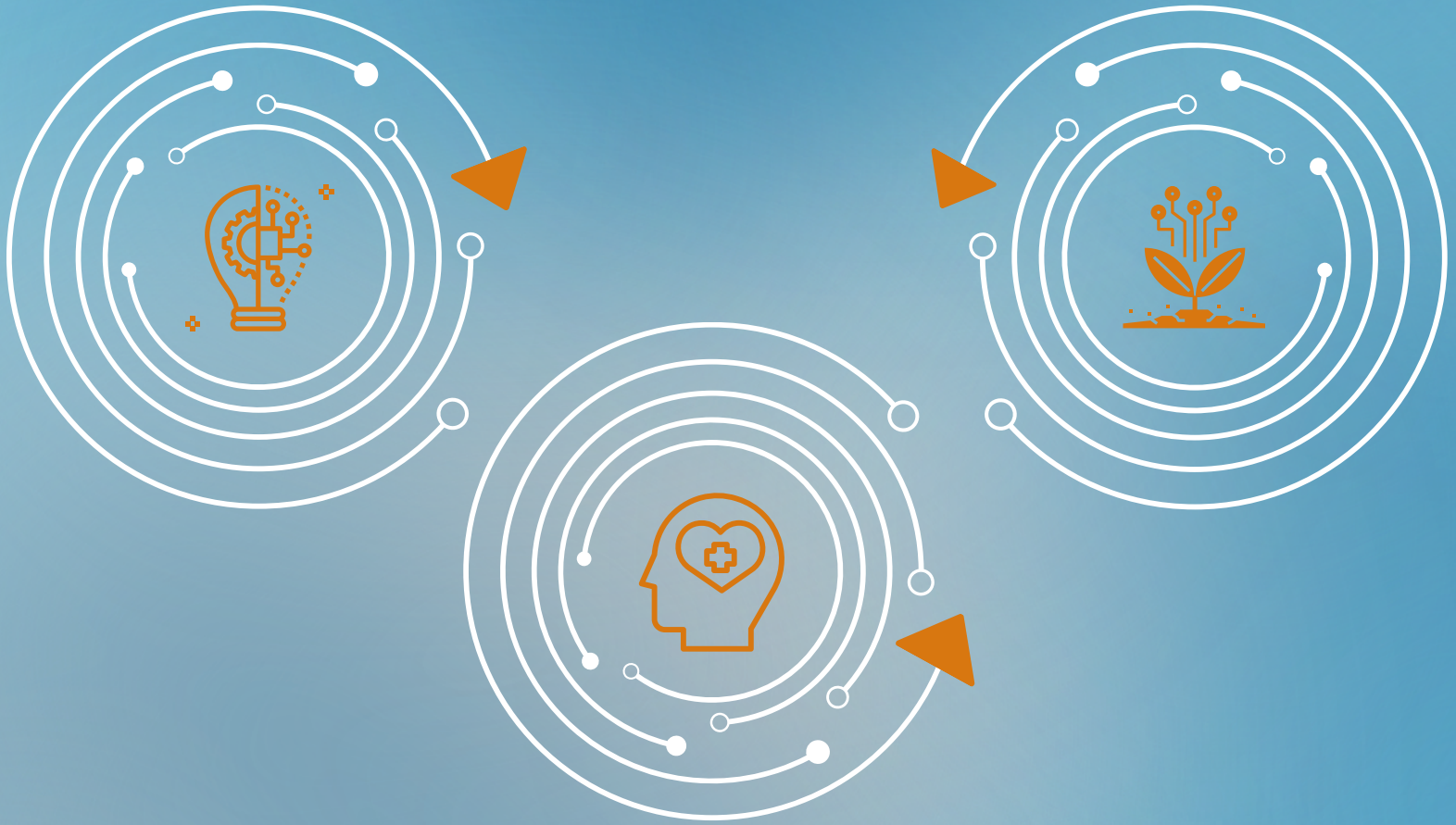# THE RITA KOBB NURSING & HEALTH INFORMATICS SYMPOSIUM

TECHNOLOGY IN HEALTH CARE TO REDUCE BURDEN AND ENHANCE WORKFORCE WELL-BEING

FEBRUARY 24, 2023 | J. WAYNE REITZ UNION | GAINESVILLE, FL

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THE RITA KOBB NURSING & HEALTH INFORMATICS SYMPOSIUM

THE RITA KOBB NURSING & HEALTH INFORMATICS SYMPOSIUM

is a bi-yearly lectureship series that explores topics in nursing informatics. This series was created by a gift made in honor of Rita Kobb, a UF nursing alumna and nursing informatics expert by her sister and brother-in-law, Mrs. Patti and Mr. Bill Alcorn. Thank you for joining us!

COLLEGE OF NURSING LEADERSHIP

Anna M. McDaniel, PhD, RN, FAAN, was named the fifth dean of the University of Florida College of Nursing in the spring of 2013. In addition to serving as dean, she also holds the title of associate vice president for academic-practice partnerships at UF Health. McDaniel serves as a review for professional journals and scientific meetings, and as an ad hoc member of NIH review panels in her areas of research expertise.

PLANNING COMMITTEE CO-CHAIRS

Tamara Macieira, PhD, RN, is an expert in nursing informatics, standardized terminologies and data science, with experience in applying machine learning methods in research on aging, mainly the impact of nursing care on patient outcomes for cognitively impaired older adults. Throughout her career, she has examined the impact of nursing care on patient outcomes for populations with life-limiting chronic conditions (e.g., older adults, and critically ill inpatients) through the analysis of nursing data retrieved from electronic health records (EHRs) from diverse health settings.

Hwayoung Cho, PhD, RN, is an expert in nursing informatics, electronic health records, clinical decision support, mobile health, usability, symptom science, innovative methods, health disparities and underserved populations. Her recent research focuses on how to design and tailor technology-based interventions for vulnerable groups. Technology-based interventions have the potential to be an effective delivery mode of health information for underserved populations with chronic diseases because these populations often face barriers to accessing health information. An important part of her research is evaluating the usability of health information technology with an in-depth understanding of interactions between user, system, task and real-world environments.

ABOUT THE SYMPOSIUM

PROGRAM OUTCOMES

After attending the 2023 Rita Kobb Nursing & Health Informatics Symposium, participants will be able to:

- Understand the use, scope, and applicability of nursing and health informatics
- Summarize the current trends involving nursing informatics and health informatics, including:
  - Digital technology interventions to improve patient outcomes
  - Healthcare workforce well-being in the use of digital technologies
  - Advances in robotics and voice assistant technology in health care
  - Artificial Intelligence applications to support initiatives to reduce health care burden
- Differentiate the state-of-the-art informatics approaches, theories, and methods relevant to clinical and translational science
- Interact with professionals engaged in clinical and translational science including clinical and translational investigators, data scientists, clinical- and bio-informaticians, public health informaticians, and those involved with clinical and research IT policy and regulatory issues

The Office of Professional Nursing Development — University of Florida is approved with distinction as a provider of nursing continuing professional development by the Montana Nurses Association, an accredited approver with distinction by the American Nurses Credentialing Center's Commission on Accreditation.

This nursing continuing professional development activity awards up to 5.0 contact hours. Actions to successfully obtain contact hours include registration for the conference, attestation of attendance at sessions claimed for contact hours, and completion of the online evaluation for sessions attended. Both the attestation form and the conference evaluation form may be found at https://nursing.ufl.edu/practice/office-of-professional-nursing-development/

CE ATTESTATION FORM

EVALUATION FORM

TECHNOLOGY IN HEALTH CARE TO
REDUCE BURDEN AND ENHANCE WORKFORCE WELL-BEING

EVENT SCHEDULE

CONFERENCE REGISTRATION	7:30 – 8:45 A.M.
WELCOME REMARKS — GRAND BALLROOM	8:45 – 9 A.M.
OPENING KEYNOTE — GRAND BALLROOM KENRICK CATO, PHD, RN, CPHIMS COLUMBIA UNIVERSITY SCHOOL OF NURSING	9 – 10 A.M.
TRANSITION	10 – 10:15 A.M.

SESSION I
10:15 – 11:15 A.M.

BREAKOUT THEME 1 | DIGITAL TECHNOLOGY INTERVENTIONS TO IMPROVE PATIENT OUTCOMES
ROOM 2335
MELISSA VILARO, PHD, MPH, CPH
BOYI HU, PHD
KATHY BOWLES, PHD, RN, FAAN, FACMI

BREAKOUT THEME 2 | CLINICIAN WELL-BEING IN USE OF DIGITAL TECHNOLOGY
ROOM 2340
OLIVER T. NGUYEN, MSHI
VICTORIA TIASE, PHD, RN-BC, FAMIA, FNAP, FAAN
JANE M. CARRINGTON, PHD, RN, FAAN, FAMIA

BREAKOUT THEME 3 | VOICE ASSISTANT TECHNOLOGIES TO IMPROVE EHR USABILITY
ROOM GRAND BALLROOM
YAA KUMAH-CRYSTAL, MD, MPH, MS

TRANSITION	11:15 – 11:30 A.M.
LUNCH — GRAND BALLROOM	11:30 A.M. – 12:45 P.M.
TRANSITION	12:45 – 1 P.M.

TECHNOLOGY IN HEALTH CARE TO
REDUCE BURDEN AND ENHANCE WORKFORCE WELL-BEING

PANEL   1 – 2 P.M.

**ENGAGING NURSES TO REDUCE BURDEN AND
PROMOTE WELL-BEING IN HOSPITALS**
GRAND BALLROOM
PATRICIA ROBINSON, PHD, ARNP
CASSIE MARCELLE, MSN, RN, RN-BC
COURTNEY BOWEN, MSN, RN, RN-BC

TRANSITION   2 – 2:15 P.M.

SESSION 2   2:15 – 3:15 P.M.

**BREAKOUT THEME 1 | LEVERAGING AI WITH REAL-
WORLD DATA TO REDUCE HEALTH CARE BURDEN**
ROOM 2335
FRANÇOIS MODAVE, PHD
LISIANE PRUINELLI, PHD, RN, FAMIA
MATTIA PROSPERI, PHD

**BREAKOUT THEME 2 | ADVANCES IN NATURAL
LANGUAGE PROCESSING USING EHR DATA**
GRAND BALLROOM
RAGA BJARNADOTTIR, PHD, MPH
AOKUN CHEN, PHD
MASOUD ROUHIZADEH, PHD, MSC, MA

**BREAKOUT THEME 3 | HEALTH CARE SOLUTIONS
INVOLVING DIGITAL TECHNOLOGY IN NURSING**
ROOM 2340
NICOLLE DAVIS, PHD, RN, SCRN, ASC-BC, FAHA
SAUNJOO YOON, PHD, RN
LAUREN DROBACH, MSN, RN
JOSHUA HODGES, MSN, RN

TRANSITION   3:15 – 3:30 P.M.

CLOSING KEYNOTE — GRAND BALLROOM   3:30 – 4:30 P.M.
JANET STIFTER, PHD, RN, CPHQ, NE-BC
RUSH UNIVERSITY MEDICAL CENTER

EVENT SCHEDULE

THE RITA KOBB NURSING & HEALTH INFORMATICS SYMPOSIUM

OPENING KEYNOTE

Kenrick Cato, PhD, RN, CPHIMS, is a Nurse Researcher/Assistant Professor for NewYork-Presbyterian Hospital and Columbia University School of Nursing, respectively. Dr. Cato worked as a staff nurse at NewYork-Presbyterian Hospital providing care for surgical oncology patients and as a clinical analyst, working on projects to improve patient safety through the use of the hospital's electronic systems. Dr. Cato's program of research focuses on the use of data science to investigate ways of improving patient safety, quality of care, and individual health. Towards these goals, Dr. Cato's previous work has included National Institute of Health funded research in health communication via mobile health platforms, shared decision making in primary care settings and data mining of electronic patient records. His current projects include automated data mining of electronic patient records to discover characters about a patient that are often missed by clinicians. He has published his findings in numerous peer-reviewed journals and at national and international conferences.

CLOSING KEYNOTE

Janet Stifter, PhD, RN, CPHQ, NE-BC, is the Vice President of Operations for Perioperative and Interventional Services and Professional Nursing Practice at Rush University Medical Center (RUMC). Dr. Stifter received her PhD and Bachelor's Degrees in Nursing from the University of Illinois-Chicago and her Master's Degree in Nursing from the University of Wisconsin Madison. Her dissertation examined the impact of nursing staffing (relational nurse continuity) on the incidence of hospital-acquired safety events. She also has research interests in usability testing of electronic health records and the influence of structured nurse leader development on the care environment and subsequent patient/nursing staff outcomes. Dr. Stifter has over 30 years of experience in progressive nursing leadership. She is a strong advocate for quality and safety in healthcare with past positions that focused on accreditation, regulatory compliance, professional development and evidence-based practice. Dr. Stifter also holds an affiliation with the Rush University College of Nursing as an assistant professor and is a certified practitioner of healthcare quality and nursing administration.

SYMPOSIUM KEYNOTE SPEAKERS

SESSION I

DIGITAL TECHNOLOGY INTERVENTIONS TO IMPROVE PATIENT OUTCOMES

Melissa Vilaro, PhD, MPH, CPH
University of Florida Institute of Food and Agriculture Sciences
Family, Youth and Community Sciences

Boyi Hu, PhD
University of Florida Herbert Wertheim College of Engineering
Department of Industrial and Systems Engineering

Kathryn Bowles, PhD, RN, FAAN, FACMI
University of Pennsylvania
School of Nursing

CLINICIAN WELL-BEING IN THE USE OF DIGITAL TECHNOLOGY

Oliver T. Nguyen, MSHI
H. Lee Moffitt Cancer Center and Research Institute, Inc.

Victoria L. Tiase, PhD, RN-BC, FAMIA, FNAP, FAAN
University of Utah School of Medicine

Jane M. Carrington, PhD, RN, FAAN, FAMIA
University of Florida College of Nursing
Department of Family, Community and Health System Science

SESSION SPEAKERS

WORKSHOP: VOICE ASSISTANT TECHNOLOGIES TO IMPROVE EHR USABILITY

Yaa Kumah-Crystal, MD, MPH, MS
Vanderbilt University Medical Center
Department of Biomedical Informatics & Pediatric Endorinology

PANEL

ENGAGING NURSES TO REDUCE BURDEN AND PROMOTE WELL-BEING IN HOSPITALS

Patricia Robinson, PhD, ARNP
AdventHealth Research Institute

Cassie Marcelle, MSN, RN, RN-BC
Director, Clinical Informatics &Training
UF Health Information Technology

Courtney Bowen, MSN, RN, RN-BC
UF Health

SESSION SPEAKERS

SESSION 2

DIGITAL TECHNOLOGY INTERVENTIONS TO IMPROVE PATIENT OUTCOMES

François Modave, PhD
University of Florida College of Medicine
Department of Anesthesiology

Lisiane Pruinelli, PhD, RN, FAMIA
University of Florida College of Medicine
Department of Family, Community and Health System Science

Mattia Prosperi, PhD
University of Florida College of Public Health & Health Professions
Department of Epidemiology

ADVANCES IN NATURAL LANGUAGE PROCESSING USING EHR DATA

Ragnhildur Bjarnadottir, PhD, MPH
University of Florida College of Nursing
Department of Family, Community and Health System Science

Aokun Chen, PhD
University of Florida College of Medicine
Department of Health Outcomes & Biomedical Informatics

Masoud Rouhizadeh, PhD, MSc, MA
University of Florida College of Pharmacy
Department of Pharmaceutical Outcomes & Policy

SESSION SPEAKERS

"WORK IN PROGRESS" - HEALTH CARE SOLUTIONS INVOLVING DIGITAL TECHNOLOGY IN NURSING

Nicolle Davis, PhD, RN, SCRN, ASC-BC, FAHA
UF Health

Saun-Joo Yoon, PhD, RN
University of Florida College of Nursing
Department of Biobehavioral Nursing Science

Lauren Drobach, MSN, RN
Nursing Informatics Specialist
UF Health Information Technology

Katie Blowers
IS Application Analyst
UF Health Information Technology

Joshua Hodges, MSN, RN
Nursing Informatics Specialist
UF Health Information Technology

SESSION SPEAKERS

▶ NOTES

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THANK YOU

The UF College of Nursing would like to thank our sponsors who helped make this conference possible.

FOUNDING SPONSORS

MR. BILL AND MRS. PATTI ALCORN

Mr. and Mrs. Alcorn's gift established the Rita Kobb Nursing & Health Informatics Symposium, and they have also been generous supporters of the College of Nursing and Archer Family Health Care. Mrs. Alcorn's sister is Rita Kobb, a loyal alumna of the College of Nursing and nursing informatics expert. Mr. and Mrs. Alcorn have continued to financially support the Kobb Symposium.

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