

SINI 2015

25th Summer Institute in Nursing Informatics



Realizing the Benefits: Health Care and Information Technology

July 22-24, 2015
Baltimore, MD

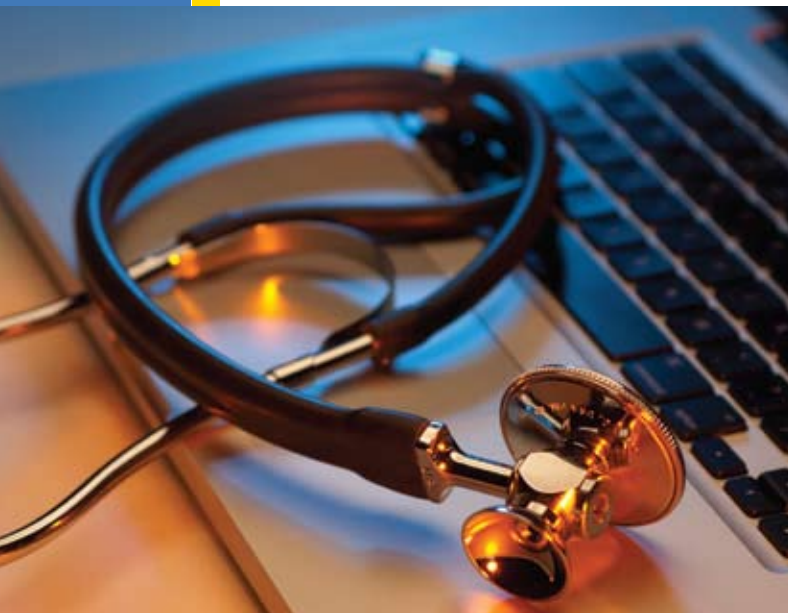


CELEBRATING
25
YEARS OF
EXCELLENCE
IN NURSING INFORMATICS

Conference Program



25th Summer Institute in Nursing Informatics
July 22-24, 2015
Baltimore, MD



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SCHEDULE OF EVENTS

- 8 Wednesday, July 22
- 11 Thursday, July 23
- 14 Friday, July 24

- 16 Poster Sessions

- 18 SINI 25th Anniversary Honorees

- 19 Planning Committee

- 20-21 Sponsors and Exhibitors



Welcome to SINI 2015, our 25th anniversary!

As you browse the SINI 2015 program, you'll discover new features, as well as the traditional core of this highly-ranked conference. We continue to offer peer-reviewed presentations, distinguished lecturers, and deep dives into interoperability and data analytics. This year we added:

NEW EDUCATIONAL PROGRAMS:

- A preconference workshop for nurse educators challenged to infuse informatics into clinical and nursing science courses
- A preconference workshop on project management
- A special track for informatics novices to learn about the scope of the field and career opportunities

EXPANDED SOCIAL AND NETWORKING EVENTS:

- A welcome luncheon with roundtable discussions on current and emerging topics
- A 25th anniversary reception
- A buffet luncheon during the exhibitor event
- An optional dinner cruise in Baltimore's Inner Harbor

SINI offers the latest in nursing informatics scholarship and collegiality. We look forward to greeting you.

Your SINI 2015 co-chairs,

Mary Etta Mills, PhD, RN, FAAN, CNE-BC
Judy Ozbolt, PhD, RN, FAAN, FACMI, FAIMBE



Celebrating 25 Years of Excellence in Nursing Informatics



Row 1: SINI group 1993; Carole Gassert, Patricia Abbott, and Mary Fowler. Row 2: SINI group 1992; Drs. Judy Ozbolt and Mary Etta Mills; SINI group 1998. Row 3: SINI group 1994; Poster Presenters. Row 4: Drs. Brian Gugerty, Kathleen Charters, Patricia Abbott, and Mary Etta Mills; Dr. Peter Murray.

Celebrating 25 Years of Excellence in Nursing Informatics



Row 1: Dr. Rosemary Kennedy; SINI group 1995. Row 2: Drs. Patricia Morton, Kathleen Charters, and Eun-Shim Nahm; SINI group 1991. Row 3: Drs. Judy Ozbolt, Mary Etta Mills, and Roy Simpson; Dr. Nancy Staggers. Row 4: Dr. Patricia Brennan; Drs. Susan Newbold and Mary Etta Mills.

25th Summer Institute in Nursing Informatics

As the Summer Institute in Nursing Informatics (SINI) celebrates 25 years of excellence, we offer a program that reflects the significant development within our field. The theme, “Realizing the Benefits: Health Care and Information Technology,” highlights the many ways in which informatics supports the discovery and use of knowledge and tools to improve health care processes and personal care practices, resulting in better outcomes and control of costs.

Some of these improvements are described in plenary sessions. Distinguished leaders will address health informatics support for the underserved, the transformation of health care through data analytics, health IT in the age of precision medicine, interprofessional collaboration in informatics, and the evolution of nursing informatics over the past 25 years.

In addition, concurrent sessions in four tracks offer SINI participants the opportunity to choose content to meet their learning needs.

- **Track A, Informatics Essentials**, gives nursing informatics novices an overview of the major components of the field. Offered by expert faculty members from the University of Maryland School of Nursing’s #1 ranked Nursing Informatics master’s specialty, these sessions provide a solid foundation for further learning.
- **Track B, Implementing and Evaluating Informatics Innovations to Improve Care and Outcomes**, showcases peer-reviewed reports of advances in nursing informatics practice and research. These sessions will be webcast so SINI participants in distant locations can gain an overview of the latest developments in the field.
- **Track C, Actualizing Interoperability**, offers a deep dive into the development and application of standards to permit the exchange and re-use of clinical and personal health data across settings and cultures to improve the health of individuals, communities, and populations.
- **Track D, Challenges in Data Analytics**, confronts the complexities of using data from clinical and other sources to develop knowledge that can be applied to improve care processes and outcomes, and control costs. After a review of essential concepts and principles, participants will work on case studies in small groups, to apply and enrich their learning.

Poster Sessions will provide further opportunities to consider peer-reviewed reports and discuss them with the authors. These sessions will take place from 8:30-9:15 a.m. Wednesday, July 22, and from 3:30-5 p.m. Thursday, July 23.

To promote networking among participants, a Welcome Luncheon with round-table discussions on hot topics is scheduled from 12:45-1:45 p.m. Wednesday, July 22. In addition, a Buffet Luncheon during the Exhibitor Event from 12:30-2 p.m. Thursday, July 23, gives participants the opportunity to continue conversations with their colleagues and explore useful products and services.

Other networking opportunities include the 25th Anniversary Reception on Wednesday, July 22, when those who have sustained SINI over the past 25 years will be recognized, and an optional Dinner Cruise in Baltimore’s Inner Harbor on Thursday, July 23.

OBJECTIVES

At the conclusion of SINI, participants will be able to:

1. Identify and describe past, current, and emerging innovations in health informatics and their impact on health care
2. Identify and describe the fundamental components of nursing informatics practice
3. Discuss examples of innovations from nursing informatics practice and research that improve care and outcomes and control costs
4. Explain the role of standards development and application in fostering data exchange and re-use to improve the health of individuals, communities, and populations, and discuss ongoing challenges
5. Identify and describe fundamental concepts and principles in data analytics and give examples of their application to improve care and outcomes and to control costs

Welcome to the University of Maryland School of Nursing and SINI 2015!

CONTINUING EDUCATION FOR NURSES

Total: 15.25 contact hours

Nurses may receive up to 15.25 contact hours for successfully completing SINI 2015 Continuing Nursing Education (CNE) activities. Successful completion requires participants to attend designated CNE activity sessions, complete and submit the attendance verification form (provided in program packet) for those CNE sessions attended, and complete the online SINI Program Evaluation.

- Wednesday, July 22 - 6.0 CNE
- Thursday, July 23 - 5.75 CNE
- Friday, July 24 - 3.5 CNE

Within 2-4 weeks of submitting your completed documents, the University of Maryland School of Nursing will email you a CNE certificate. All documents and requests for CNE certificates must be received within 90 days of this activity.

The University of Maryland School of Nursing is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

CONFLICT OF INTEREST DISCLOSURES

The University of Maryland School of Nursing requires that all individuals involved in the planning and presentation of CNE activities disclose all relevant financial relationships with any commercial interest and that all conflicts of interest be resolved prior to the start of the educational activity. No conflict of interest was discovered to exist with any author, committee member, faculty member, speaker, sponsor, or staff member involved in this program.

CYBER CAFÉ (Room 245)

Hours of Operation:

Wednesday, July 22 - 8 a.m.-7:30 p.m.

Thursday, July 23 - 8 a.m.-7:30 p.m.

Friday, July 24 - 8 a.m.-4:30 p.m.

ACCESSING THE WIRELESS NETWORK

The University of Maryland School of Nursing is equipped with a wireless network, which is accessible from anywhere in the building using your laptop or mobile device. For non-University personnel, please use the following user names and passwords, which are case sensitive:

Within School of Nursing:

Network Name: UM Conf

User Name: sonconnect

Password: Nur\$ing

Within SMCCC:

Network Name: UM Conf

User Name: SMCCConf

Password: SMCGuest

ACCESSING PRESENTATIONS ONLINE

Log on to the 2015 SINI website:

<http://nursing.umaryland.edu/sini/presentations>

using the following case-sensitive login information:

User Name: sini

Password: informatics

For presentations not available on the conference website, consult the speaker's contact information provided at the time of presentation and request access to the presentation materials. The website will remain active until August 22, 2015.

LIVE TWEETING & SOCIAL SHARING

Help us spread the word about the excellent information being shared at SINI. We encourage live tweeting, social sharing, and photo blogging throughout the conference. Please tag your posts with #SINI2015.

#SINI2015 PHOTO CHALLENGE

SINI is your chance to network with leaders in the field of nursing informatics. Tweet a photo with any of our keynote speakers and #SINI2015 to be entered in a contest to win a complimentary registration or pre-conference workshop for SINI 2016!

VOLUNTEERS

SINI conference planners are grateful for our volunteers, who can be identified by their white shirts and the VOLUNTEER ribbon on their name badges. They are here to help and will be glad to answer questions about SINI or the School of Nursing building.

Please visit the registration desk for any questions.

SINI 2015 Schedule-at-a-Glance

This Schedule-at-a Glance is color-coded to distinguish the following tracks:

Tracks open to participants with any level of expertise:

Think Tanks, intended for experts in nursing informatics:

Track A Informatics Essentials

Track C Actualizing Interoperability

Track B Implementing and Evaluating Informatics Innovations to Improve Care and Outcomes

Track D Challenges in Data Analytics

(W) Webcast Session: Webcast participants will receive 13.0 CNE.

Wednesday • July 22, 2015

7:30-8:30 a.m.	Poster set-up in UMSON lobby	UMSON Lobby
8-9:30	Registration and Continental Breakfast	UMSON Lobby
8:30-9	Information Session about UMSON's master's specialty in Nursing Informatics	Room 150
8:30-9:15	Poster Session I	UMSON Lobby
8:30-9:15	How to Prepare a Professional Presentation	Room 140
8:30-9:15	Tours of UMSON Simulation Laboratories Living History Museum Open	UMSON 2nd Floor Lobby
9:30-10	Welcome and Opening Remarks (W) Presentation of Outstanding Abstract Awards	Room 130
10-11:15	Keynote Address: Informatics Support for the Underserved (W)	Room 130
11:30 a.m.-12:30 p.m.	Concurrent Session 1 1A Introduction to Clinical Informatics 1B.1 Evaluating Usability and User Satisfaction of Secure Messaging for Pediatric Providers (W) 1B.2 What in the World is Maximilistine? Sociotechnical Analysis of Medication Tools That Increase or Decrease the Patient-Clinician Gap (W) 1C Consolidated Clinical Document Architecture (CCDA) 1D Key Concepts and Relationships in Data Analytics	Room 140 Room 130 Room 130 Room 304 Room W208
12:45-1:45	Luncheon with Roundtable Discussions	SMCCC Ballrooms A & B
2-3	Concurrent Session 2 2A Clinical Informatics: Practical Tools and Tips You Can Use in Your Practice 2B.1 eCorps: A Few Good Men And Women - An Alternative Approach To CPOE 'Go Live' Support (W) 2B.2 Interdisciplinary Care Planning - Lessons Learned on Infrastructure, Culture and Practice (W) 2C SNOMED CT and Nursing Assessments 2D Presentation and Discussion of Case Study 1	Room 140 Room 130 Room 130 Room 304 Room W208
3:15-4:15	Concurrent Session 3 3A The Usability Imperative in Health IT 3B.1 The Development of an Electronic Bedside Shift Report Tool (W) 3B.2 Improving Goal Reconciliation in the Electronic Health Record (W) 3C Modeling Nursing Flowsheet Data for Quality Improvement and Research 3D Presentation and Discussion of Case Study 2	Room 140 Room 130 Room 130 Room 304 Room W208
4:30-5:30	Distinguished Lecture: 25 Years of SINI (W)	Room 130
5:45-7:30	25th Anniversary Reception at Westminster Hall (See page 11 for more information.)	Westminster Hall

Thursday • July 23, 2015

8:00-8:30 a.m.	Registration and Continental Breakfast	UMSON Lobby
9-11:30	Sponsor/Exhibit Check-in and Setup	SMCCC Ballrooms
8:30-9:45	Distinguished Lecture: Watson and How Big Data Are Changing the Future of Healthcare (W)	Room 130
10-11	Concurrent Session 4 4A Implementation: Best Practices for the Never Ending Journey – Part 1 4B.1 Mobile Technology Decision Support for Reporting of Critical Condition Changes by Lung Transplant Recipients during the First Year Post-Transplantation (W) 4B.2 The Patient and Professional Implications for Hospital Professional Use of Smartphones to Improve Patient Care (W) 4C Population Health and Interoperability 4D Small Groups Workshop on Case Study 3	Room 140 Room 130 Room 130 Room 304 Room W208
11:15 a.m.-12:15 p.m.	Concurrent Session 5 5A Implementation: Best Practices for the Never Ending Journey – Part 2 5B.1 Clinical Decision Support for Fall Risk Assessment and Plan of Care (W) 5B.2 The Relationship Between Nursing Documentation in EHR and the Incidence of Pressure Ulcers in the Intensive Care Units (ICUs) (W) 5C Mobile Continuous Monitoring Interoperability 5D Continuation of Small Groups Workshop on Case Study 3	Room 140 Room 130 Room 130 Room 304 Room W208
12:30-2	Buffet Luncheon and Exhibitor Event	SMCCC Ballrooms A & B
2:15-3:15	Concurrent Session 6 6A How About Data Analytics: Harnessing the Power of Data 6B.1 Mapping of Standardized Terminologies to Data Sensitive Categories (W) 6B.2 Selection of a Clinical Business Intelligence Solution-Validation with Clinical Use Cases Provides Early Clinical Insights (W) 6C I'm a Clinician, Why Do I Care about Standards and Interoperability? 6D Reporting from Small Groups	Room 140 Room 130 Room 130 Room 304 Room W208
3:30-5	Poster Session II	UMSON Lobby
3:30-5	Living History Museum Open Tours of UMSON Simulation Laboratories	UMSON 2nd Floor Lobby
5:30-9	Optional Dinner Cruise on the Spirit of Baltimore (See page 13 for more information.)	UMSON Courtyard

Friday • July 24, 2015

8-8:30 a.m.	Registration and Continental Breakfast	UMSON Lobby
8:30-9:45	Commander Lura Jane Emery Distinguished Lecture: Enhancing Practice in Informatics Through Interprofessional Collaboration (W)	Room 130
10-11	Concurrent Session 7 7A Becoming a Competent Nursing Informaticist and Beyond! 7B.1 Developing a Predictive Model of Suicidal Admission at Veterans Affairs Hospitals (W) 7B.2 Utilizing A Mobile Care Coordination Platform to Improve Transitions of Care (W) 7C US/UK Views on Patient-Centered Care Interoperability 7D Wrap-up: Lessons Learned, Take-aways to Apply in Work Settings, Suggestions for SINI 2016	Room 140 Room 130 Room 130 Room 304 Room W208
11:15 a.m.-12:30 p.m.	Endnote Address: Health IT in the Age of Precision Medicine: What's Next? (W)	Room 130
12:30-1	Closing Remarks and Announcement of People's Choice Award (W)	Room 130

This Schedule-at-a Glance is color-coded to distinguish the following tracks:

Tracks open to participants with any level of expertise:

Track A	Informatics Essentials
Track B	Implementing and Evaluating Informatics Innovations to Improve Care and Outcomes

Think Tanks, intended for experts in nursing informatics:

Track C	Actualizing Interoperability
Track D	Challenges in Data Analytics

W Webcast Session: Webcast participants will receive 13.0 CNE.

Wednesday • July 22, 2015

7:30-8:30 a.m.

Poster Set-up

UMSON Lobby

8-9:30

Registration and Continental Breakfast

UMSON Lobby

8:30-9

Information Session about UMSON's master's specialty in Nursing Informatics

Room 150

8:30-9:15

Poster Session I (.75 CNE)

UMSON Lobby

8:30-9:15

How to Prepare a Professional Presentation

Room 140

8:30-9:15

Tours of UMSON Simulation Laboratories
Living History Museum Open

UMSON 2nd Floor Lobby

9:30-10

Welcome and Opening Remarks **W**

Room 130

Judy Ozbolt, PhD, RN, FAAN, FACMI, FAIMBE

Visiting Professor and Co-Chair, SINI 2015 Planning Committee
University of Maryland School of Nursing

Mary Etta Mills, ScD, RN, NEA-BC, FAAN

Professor and Co-Chair, SINI 2015 Planning Committee
University of Maryland School of Nursing

Presentation of Outstanding Abstract Awards

10-11:15

KEYNOTE ADDRESS

Informatics Support for the Underserved **W** (1.25 CNE)

Room 130



Suzanne Bakken, PhD, RN, FAAN, FACMI

Alumni Professor of Nursing
Professor of Biomedical Informatics
Columbia University

Dr. Suzanne Bakken is alumni professor of the School of Nursing and professor of Biomedical Informatics at Columbia University, director of the Center for Evidence-based Practice in the Underserved, and directs the Reducing Health Disparities Through Informatics (RHeaDI) pre- and post-doctoral training program. She served as Principal Investigator of the AHRQ-funded Washington Heights Inwood Informatics Infrastructure for Comparative Effectiveness Research (WICER) and leads its follow-on study, WICER 4 U. Dr. Bakken published over 200 peer-reviewed papers; received the Friends of the National Institute of Nursing Research's Pathfinder Award; is president of the American College of Medical Informatics; a Fellow of the New York Academy of Medicine, American Academy of Nursing, and American College of Medical Informatics; and a member of the Institute of Medicine and its Roundtable on Health Literacy.

11:15-11:20

Welcome**Room 130**

Jane M. Kirschling, PhD, RN, FAAN
Dean and Professor
University of Maryland School of Nursing

11:30 a.m.–12:30 p.m.

CONCURRENT SESSION 1 (1.0 CNE)**1A Room 140****Introduction to Clinical Informatics**

Eun-Shim Nahm, PhD, RN, FAAN
Associate Professor
University of Maryland School of Nursing

1B.1 Room 130

SINI 2015 Podium Sharon Coleman
Memorial Award Winner

Evaluating Usability and User Satisfaction of Secure Messaging for Pediatric Providers (W)

Katherine Taylor Pearson, RN-BC, CPHIMS
Regional CIO
U.S. Army

Miko Watkins, RN-BC, MSN
MEDCOM CNIO
U.S. Army

1B.2 Room 130**What in the World is Maximilistine? Sociotechnical Analysis of Medication Tools That Increase or Decrease the Patient-Clinician Gap** (W)

Robin Mickelson, MS, RN
Doctoral Candidate
Vanderbilt University School of Nursing

Richard Holden, PhD
Assistant Professor
Indiana University

Matt Willis, MA M.Phil
Syracuse University

1C Room 304**Consolidated Clinical Document Architecture (CCDA)**

Gay Dolin, MS, RN
Clinical Integration Specialist - Meaningful Use
Intelligent Medical Objects, Inc.

1D Room W208**Key Concepts and Relationships in Data Analytics**

Ann Tinker, MS, RN
Vice President-Executive Engagement, Healthcare Quality
Catalyst, Inc.
Intermountain Health Care

Linda Lockwood, MBA, RN, PCMH, CCE
Advisory Services Solution Director
CTG Healthcare Solutions

Melinda Y. Costin, CHCIO, FHIMSS, CPHIMS
Vice President and CIO
JPS Health Network

Moderator: Judy Ozbolt, PhD, RN, FAAN, FACMI, FAIMBE
Visiting Professor and Co-Chair, SINI 2015 Planning Committee
University of Maryland School of Nursing

12:45–1:45

Luncheon with Roundtable Discussions**SMCCC Ballrooms A & B**

2-3

CONCURRENT SESSION 2 (1.0 CNE)**2A Room 140****Clinical Informatics: Practical Tools and Tips You Can Use in Your Practice**

Patricia Sengstack, DNP, RN-BC, CPHIMS
Chief Nursing Informatics Officer
Bon Secours Health System, Inc.

CONCURRENT SESSION 2 *(continued)***2B.1 Room 130**

SINI 2015 Podium Nursing
Informatics Practice Award Winner

eCorps: A Few Good Men And Women – An Alternative Approach To CPOE ‘Go Live’ Support (W)

Marina Douglas, MS, RN-BC
Consultant
Beacon Healthcare Consulting

Glenn Heaney, RN
Eisenhower Medical Center
Calvert Memorial Hospital

2B.2 Room 130
Interdisciplinary Care Planning – Lessons Learned on Infrastructure, Culture, and Practice (W)

Courtney Omary, MSN, RN
Clinical Content Manager, IPOC
MedStar Health

Carol D.S. Gambrell, MS, RN
Director, Clinical Informatics
MedStar Union Memorial Hospital

2C Room 304
SNOMED CT and Nursing Assessments

Susan Matney, MSN, RN, FAAN
Medical Informaticist
3M Health Information Systems, Inc.

2D Room W208
Presentation and Discussion of Case Study 1

Ann Tinker, MS, RN
Vice President-Executive Engagement, Healthcare Quality
Catalyst, Inc.
Intermountain Health Care

Linda Lockwood, RN, MBA, PCMH, CCE
Advisory Services Solutions Director
CTG Healthcare Solutions

Melinda Y. Costin, CHCIO, FHIMSS, CPHIMS
Vice President and CIO
JPS Health Network

Moderator: Judy Ozbolt, PhD, RN, FAAN, FACMI, FAIMBE
Visiting Professor and Co-Chair, SINI 2015 Planning Committee
University of Maryland School of Nursing

3:15-4:15

CONCURRENT SESSION 3 (1.0 CNE)**3A Room 140**
The Usability Imperative in Health IT

Nancy Staggers, PhD, RN, FAAN
Professor, Informatics, Biomedical Informatics Research,
Adjunct Professor, University of Utah

3B.1 Room 130
The Development of an Electronic Bedside Shift Report Tool (W)

Erica Axilrod, BSN, RN
Registered Nurse IV
MedStar Franklin Square Medical Center

Michelle Hobbs, RN, OCN, ABOC
MedStar Franklin Square Medical Center

Carol Esche, DNP, MA, RN, NE-BC
MedStar Franklin Square Medical Center

Joan Warren, PhD, RN-BC, NEA-BC
MedStar Franklin Square Medical Center

3B.2 Room 130
Improving Goal Reconciliation in the Electronic Health Record (W)

Barb Van De Castle, DNP, ACNS, OCN, RN-BC
Nurse Educator
The Johns Hopkins Hospital

3C Room 304**Modeling Nursing Flowsheet Data for Quality Improvement and Research**

Bonnie L. Westra, PhD, RN, FAAN, FACMI
Associate Professor and Director, Center for Informatics
University of Minnesota School of Nursing

3D Room W208**Presentation and Discussion of Case Study 2**

Ann Tinker, MS, RN
Vice President-Executive Engagement, Healthcare Quality
Catalyst, Inc.
Intermountain Health Care

Linda Lockwood, RN, MBA, PCMH, CCE
Advisory Services Solutions Director
CTG Healthcare Solutions

Melinda Y. Costin, CHCIO, FHIMSS, CPHIMS
Vice President and CIO
JPS Health Network

Moderator: Judy Ozbolt, PhD, RN, FAAN, FACMI, FAIMBE
Visiting Professor and Co-Chair, SINI 2015 Planning Committee
University of Maryland School of Nursing

4:30-5:30

Distinguished Lecture: 25 Years of SINI (W) (1.0 CNE)**Room 130**

Judy Ozbolt, PhD, RN, FAAN, FACMI, FAIMBE
Visiting Professor and Co-Chair, SINI 2015 Planning Committee
University of Maryland School of Nursing

Mary Etta Mills, ScD, RN, NEA-BC, FAAN
Professor and Co-Chair, SINI 2015 Planning Committee
University of Maryland School of Nursing

5:45-7:30

25th Anniversary Reception at Westminster Hall

With tours of the historic building, including the catacombs
and grave of Edgar Allen Poe.

Westminster Hall

515 W. Fayette Street, Baltimore, MD 21201
East on W. Lombard Street toward S. Greene Street
Turn left onto S. Greene Street
Turn right onto W. Fayette Street

Thursday • July 23, 2015

8-8:30 a.m.

Registration and Continental Breakfast**UMSON Lobby**

8:30-9:45

Distinguished Lecture: Watson and How Big Data Are Changing the Future of Healthcare (W) (1.25 CNE)

Eliot Siegel, MD, FACR, FSIIM
Professor and Vice Chair, Research Informatics
University of Maryland School of Medicine

Room 130

9 -11:30

Sponsor/Exhibit Check-in and Setup**SMCCC Ballrooms A & B**

10-11

CONCURRENT SESSION 4 (1.0 CNE)**4A Room 140****Implementation: Best Practices for the Never Ending Journey – Part 1**

Ruth Schleyer, MSN, RN-BC
Clinical Director, Informatics Academic
Providence Health Services

Lisa Bove, DNP, RN-BC
Senior Manager
Accenture

CONCURRENT SESSION 4 *(continued)***4B.1 Room 130****Mobile Technology Decision Support for Reporting of Critical Condition Changes by Lung Transplant Recipients During the First Year Post-Transplantation** (W)**Yun Jiang MS, RN**

Student

University of Pittsburgh School of Nursing

Susan Sereika, PhDProfessor, Director, Center for Research and Evaluation
Health & Community Systems
University of Pittsburgh School of Nursing**Annette DeVito Dabbs, PhD, RN, FAAN**Professor, Department Chair
Acute & Tertiary Care
University of Pittsburgh School of Nursing**Steven Handler, MD, PhD, CMD**Assistant Professor, Department of Biomedical Informatics
University of Pittsburgh School of Medicine**Elizabeth Schlenk, PhD, RN**Associate Professor
Health & Community Systems
University of Pittsburgh School of Nursing**4B.2 Room 130****The Patient and Professional Implications for Hospital Professional Use of Smartphones to Improve Patient Care** (W)**Annette Brown, BSN, RN**Director, Nursing Informatics
Eisenhower Medical Center**Margaret Beaman, PhD, RN**Director, Nursing Research
Eisenhower Medical Center**4C Room 304****Population Health and Interoperability****Jessica L. Hatch, MS, CNL, RN**Business Analyst
Massachusetts eHealth Collaborative**4D Room W208****Small Groups Workshop on Case Study 3****Ann Tinker, MS, RN**Vice President-Executive Engagement, Healthcare Quality
Catalyst, Inc.
Intermountain Health Care**Linda Lockwood, RN, MBA, PCMH, CCE**Advisory Services Solutions Director
CTG Healthcare Solutions**Melinda Y. Costin, CHCIO, FHIMSS, CPHIMS**Vice President and CIO
JPS Health Network**Moderator: Judy Ozbolt, PhD, RN, FAAN, FACMI, FAIMBE**
Visiting Professor and Co-Chair, SINI 2015 Planning Committee
University of Maryland School of Nursing**11:15 a.m.-12:15 p.m.****CONCURRENT SESSION 5** (1.0 CNE)**5A Room 140****Implementation: Best Practices for the Never-Ending Journey – Part 2****Ruth Schleyer, MSN, RN-BC**Clinical Director, Informatics, Academics & Education
Providence Health System, Tigard Business Center-Regional**Lisa Bove, DNP, RN-BC**Senior Manager
Accenture**5B.1 Room 130****Clinical Decision Support for Fall Risk Assessment and Plan of Care** (W)**Kay Lytle, DNP, RN-BC, CPHIMS**Director, Maestro Care Periop, ED & OB
Duke University Health System**Nancy Short, DrPH, MBA, RN**Associate Professor
Duke University School of Nursing**Rachel Richesson, PhD, MS, MPH, FACMI**

Duke University School of Nursing

Monica Horvath, PhDHealth Analytics Lead
ThotWave Technologies

5B.2 Room 130**The Relationship Between Nursing Documentation in EHR and the Incidence of Pressure Ulcers in the Intensive Care Units (ICUs)** (W)

Dan Li, PhD, RN
Assistant Professor
University of Pittsburgh

5C Room 304**Mobile Continuous Monitoring Interoperability**

Rosemary Kennedy, PhD, MBA, RN-BC
CNO
Sotera Wireless, Inc.
President, CEO
eCare Informatics, LLC

5D Room W208**Continuation of Small Groups Workshop on Case Study 3**

Ann Tinker, MS, RN
Vice President-Executive Engagement, Healthcare Quality Catalyst, Inc.
Intermountain Health Care

Linda Lockwood, RN, MBA, PCMH, CCE
Advisory Services Solutions Director
CTG Healthcare Solutions

Melinda Y. Costin, CHCIO, FHIMSS, CPHIMS
Vice President and CIO
JPS Health Network

Moderator: Judy Ozbolt, PhD, RN, FAAN, FACMI, FAIMBE
Visiting Professor and Co-Chair, SINI 2015 Planning Committee
University of Maryland School of Nursing

12:30-2

Buffet Luncheon and Exhibitor Event

SMCCC Ballrooms A & B

2:15-3:15

CONCURRENT SESSION 6 (1.0 CNE)**6A Room 140****How About Data Analytics: Harnessing the Power of Data**

Kelly Aldrich, DNP, RN-BC
Independent Consultant: Healthcare Informatics & Population Health
Hospitals Corporation of America Clinical Services Group

6B.1 Room 130**Mapping of Standardized Terminologies to Data Sensitive Categories** (W)

Tiffany Harman, RN
RN Medical Informatics Project Manager
3M Health Information Systems

Rachel Howe, MSN, RN
Nurse Informaticist
3M Health Information Systems

6B.2 Room 130**Selection of a Clinical Business Intelligence Solution-Validation with Clinical Use Cases Provides Early Clinical Insights** (W)

Gail Zielinski, MSN, RN-BC
Director
Ascension Health

6C Room 304**I'm a Clinician, Why Do I Care about Standards and Interoperability?**

Linda Wedemeyer, MD, RN
Physician Informatician
Veterans Health Administration

6D Room W208**Reporting from Small Groups**

Ann Tinker, MS, RN
Vice President-Executive Engagement, Healthcare Quality Catalyst, Inc.
Intermountain Health Care

Linda Lockwood, RN, MBA, PCMH, CCE
Advisory Services Solutions Director
CTG Healthcare Solutions

Melinda Y. Costin, CHCIO, FHIMSS, CPHIMS
Vice President and CIO
JPS Health Network

Moderator: Judy Ozbolt, PhD, RN, FAAN, FACMI, FAIMBE
Visiting Professor and Co-Chair, SINI 2015 Planning Committee
University of Maryland School of Nursing

3:30-5

Poster Session II

UMSON Lobby

3:30-5

Living History Museum Open**Tours of UMSON Simulation Laboratories**

UMSON 2nd Floor Lobby

5:45-9

Optional Dinner Cruise in Baltimore's Inner Harbor on the Spirit of Baltimore

Meeting place and time: UMSON courtyard at 5:45 p.m.
Cruise time: 7-9:30 p.m.

Walking directions from the School of Nursing courtyard:

Go east on W. Lombard Street toward S. Greene Street
Turn right onto S. Paca Street
Turn left onto W. Pratt Street
Turn right onto S. Charles Street
Stay straight to go onto S. Charles Street
575 S. Charles Street is on the left

To obtain a ticket while at SINI, contact Sylvia Miller at 443-573-0338 or smiller@entertainmentcruises.com.

Friday • July 24, 2015

8-8:30 a.m.

Registration and Continental Breakfast

UMSON Lobby

8:30-9:45 a.m.

Commander Lura Jane Emery Distinguished Lecture: Enhancing Practice in Informatics Through Interprofessional Collaboration (W) (1.25 CNE)**Blackford Middleton, MD, MPH, MS**

CEO
Clinformatica

Deborah Ariosto, PhD, MSN, RN

Director, Patient Care Informatics/CNIO
Vanderbilt University Medical Center and School of Nursing

Room 130

10-11

CONCURRENT SESSION 7 (1.0 CNE)

7A Room 140

Becoming a Competent Nursing Informaticist and Beyond!**Kelly Aldrich, DNP, RN-BC**

Independent Consultant: Healthcare Informatics & Population Health
Hospitals Corporation of America Clinical Services Group

Lisa Bove, DNP, RN-BC

Senior Manager
Accenture

Patricia Sengstack, DNP, RN-BC, CPHIMS

Chief Nursing Informatics Officer
Bon Secours Health System, Inc.

Ruth Schleyer, MSN, RN, BC

Chief Nursing Informatics Officer
Providence Health System
Tigard Business Center - Regional

Nancy Staggers, PhD, RN, FAAN

Professor, Informatics, Biomedical Informatics Resrch,
Adjunct Professor, University of Utah

Moderator: Eun-Shim Nahm, PhD, RN, FAAN

Professor
University of Maryland School of Nursing

7B.1 Room 130

Developing a Predictive Model of Suicidal Admission at Veterans Affairs Hospitals (W)**Krystl Haerian, MD**

Director, Health IT
University of Maryland, Baltimore County

Paul Mulhern, LCSWC, MBA

UMBC, Baltimore VA Medical Center

Eliot Siegel, MD

Baltimore VA Medical Center; University of Maryland School of Medicine

Christopher Nielson, MD

VHA Office of Analytics and Business Intelligence Reno, NV

Michael Grasso, MD

Baltimore VA Medical Center; University of Maryland School of Medicine

7B.2 Room 130**Utilizing a Mobile Care Coordination Platform to Improve Transitions of Care** (W)**Grant Campbell, MSN, RN**Senior Director, Nursing Strategy and Informatics
Zynx Health**7C Room 304****US/UK Views on Patient Centered Care Interoperability****Paula M Procter, MSc, RN, PGCE, SFHEA, FBCS, CITP, FIMIANI**Reader in Informatics and Telematics in Healthcare,
Department of Nursing and Midwifery, Faculty of Health and Wellbeing
Sheffield Hallam University**Marisa Wilson, DNSc, MHSc, RN**Associate Professor and Specialty Track Coordinator, Nursing Informatics
School of Nursing/Family, Community, and Health Systems
University of Alabama at Birmingham School of Nursing**7D Room W208****Wrap-up: Lessons Learned, Take-aways to Apply in Work Settings, Suggestions for SINI 2016****Ann Tinker, MS, RN**Vice President-Executive Engagement, Healthcare Quality Catalyst, Inc.
Intermountain Health Care**Linda Lockwood, RN, MBA, PCMH, CCE**Advisory Services Solutions Director
CTG Healthcare Solutions**Melinda Y. Costin, CHCIO, FHIMSS, CPHIMS**Vice President and CIO
JPS Health Network**Moderator: Judy Ozbolt, PhD, RN, FAAN, FACMI, FAIMBE**Visiting Professor and Co-Chair, SINI 2015 Planning Committee
University of Maryland School of Nursing

11:15 a.m.-12:30 p.m.

ENDNOTE ADDRESS**Health IT in the Age of Precision Medicine: What's Next?** (W)

(1.25 CNE)

Room 130**Doug Fridsma, MD, PhD, FACP, FACMI**
President and CEO, AMIA

Dr. Doug Fridsma is president and CEO of the American Medical Informatics Association (AMIA) and an expert in informatics, interoperability, standards, and health IT (including meaningful use). Prior to joining AMIA, he was chief science officer for the Office of the National Coordinator (ONC) for Health Information Technology, responsible for the portfolio of technical resources needed to support the meaningful use program and health information technology interoperability. At ONC, he developed the standards and interoperability framework to accelerate development of technical specifications for interoperability, and in collaboration with the NIH and other federal agencies, established the key priorities in the PCOR Trust fund. Dr. Fridsma served as a board member of HL7 and the Clinical Data Interchange Standards Consortium, where he helped develop standards that bridge clinical care and research.

12:30-1

Closing Remarks and Announcement of People's Choice Award (W)**Room 130****Judy Ozbolt, PhD, RN, FAAN, FACMI, FAIMBE**Visiting Professor and Co-Chair, SINI 2015 Planning Committee
University of Maryland School of Nursing**Mary Etta Mills, ScD, RN, NEA-BC, FAAN**Professor and Co-Chair, SINI 2015 Planning Committee
University of Maryland School of Nursing

*Be sure to vote for your favorite poster for the People's Choice Poster Award!
Turn in your ballot at the registration desk before the Endnote Presentation.*

Data, Documentation, and Analytics to Improve Quality and Safety and to Advance Knowledge



SINI 2015 Nursing Informatics
Research Poster Award Winner

1. Realizing the Benefits of Home Care Data: Identifying Home Care Clinical Practices Most Associated with Hospital Readmissions and Non-Admitted ER Visit Rates

Gunes Koru, PhD
Dari Alhuwail, MSc
Abdulrahman Aifan, MSc

2. Big Data and the Future of Nursing Knowledge

Beth Meyers, MS, RN, CNOR
Joyce Sensmeier, MS, RN-BC, FAAN

3. Best Practices for Maximizing Safety Technology Benefits Through CQI Data Analysis

Tim Hoh, RPh
Pamela Kruger, MS
Idal Beer, MD

4. Evaluation of a Local Terminology to SNOMED CT Crosswalk

Rachel Howe, BSN, RN
Tiffany Harman, RN



SINI 2015 Outstanding Poster Award
in Nursing Informatics Practice

5. Phase One: Optimization of Pressure Ulcer Documentation and Data Compilation

Becky Gilbert, MSN, RN

6. Achieving Constant Regulatory Readiness through Rounding with Tablet Software

Lee Hicks, MSN, RN, CMSRN
Lucille Wilcox, MS, RNC-OB, CPPS

7. Making Real Time Documentation "Real": Developing and Designing a Mobile Device App with End User Input for Point of Care Documentation

Selena McClinton, RN
Onyekachi Festus, RN

8. All in One Real Time Electronic Information Tracking Board

Veronica Rivero, BSN, RN

Clinical Process Improvement

9. Simulation as a Development Tool in the Creation of an Electronic Medication Administration Record for the Emergency Department

Jean Campbell, MS, RN
Shelly Calder, MSN, RN, CEN
Rachel Hutchinson, MHA, RN
Steven Horng, MD, MMSc, FACEP
Patricia Bourie, MS, RN
Kevin Afonso, BS
John Hrenko, PharmD

10. Improving Re-evaluation of a Patient's Pain After IV Pain Medication in the Emergency Department

John Lussier, MSN, RN

11. Exploring Handoff Communication During Transitions in Care from Intensive Care to Inpatient Units: A Pilot Study

Nakia Best, MSN, CNL, RN
Debbie Travers, PhD, RN

12. Characteristics of Nurses Performing Health Information Technology Workarounds in Intensive Care

Jennifer Browne, MSN, RN, CCRN

13. Barriers Affecting Clinicians' Effective Use of Information Shared Through Health Information Exchange

Yulie Jane Dait, BSN, CCRN

14. Building a Better Care Plan

D'Ann Orr, MSN, RN, CHTS-CP
Laurie Herzer, MPH, BSN, RN, OCN

15. Partnership for Patient Safety: Tools for Managing IS Outages in Healthcare Organizations

Anthony Morgan, MSN, RN-BC, CEN

Implementation of Systems and Applications**16. Serving Up an Upgrade ... Identifying the Right Ingredients**

Regina Coll, MDE, RN-BC
Kristina Andersen, BSN, RN
Gloria Oshegbo, MSN, RN

17. Retirement of a Custom Legacy Application While Promoting the Enterprise EHR Solution

Cassandra Mombrun, MSN, RN
Sara Gibbons, MSN, RN-BC, CPN
Lauren Danforth, BSN, RN, CCRN
Dennis Doherty, MSN, RN, CCRN
Lee Williams, MSN, RN-BC
Tim O'Connor-Crowe, CPhT, MPH, MSHI
Cassandra Hunter, MSN, RN, CPNP

18. Innovative Electronic Workflow Solution for Nursing: Large Healthcare System Implementation

Kamala DeVivo, MSN, RN

19. Implementing Evidence Based Care Plans

April Saathoff, MS, RN, CPHIMS

Nursing Informatics Education**20. Leveling Informatics Online Education Across Baccalaureate, Master's, and Doctoral Programs in a School of Nursing**

Michael Landry, DNS, RN
Heidi Landry, DNS, RN

21. Actual Situations and Urgent Challenges of Nursing Informatics Education in Baccalaureate Programs in Japan

Katsumasa Ota, RN, PHN
Naoka Hirata, BSN
Yukari Niimi, MSN
Jukai Maeda, PhD

Save the Date!

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We are grateful for the outstanding contributions of the following individuals, whose dedication and support have made SINI a success over the past 25 years.

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