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1 Welcome to SINI 2014

2 Schedule at-a-Glance

4 2014 Planning Committee

5 Contact Hour Offerings for SINI
   Cyber Café
   Accessing the Wireless Network
   Accessing Presentations Online

6 Conference Overview and Objectives

SINI 2014 PROGRAM SCHEDULE

7 Wednesday, July 16

10 Thursday, July 17

13 Friday, July 18

15 Poster Session

17 Sponsors and Exhibitors

18 Nearby Dining

The conference hosts reserve the right to substitute speakers or topics under unforeseen circumstances.

http://nursing.umaryland.edu/sini
Welcome to SINI 2014!

Welcome to the 24th Annual Summer Institute in Nursing Informatics. This year’s theme, “Informatics Enabling Patient-Centered Care Across the Continuum,” is designed to explore emerging trends and possibilities in using informatics to improve care and outcomes.

We will examine informatics tools that aim to place the patient’s needs, values, and goals at the center of care in a variety of settings. You will find interesting plenary sessions with national leaders in informatics and exciting podium and poster presentations. Some of you have opted to participate in think tanks where you will combine your knowledge in seeking solutions to difficult problems.

At the Exhibitor Evening, you can learn about technologies and services that may change the way you work. Our book signing will offer you the opportunity to meet the authors of widely-used informatics texts. At the poster session, you can talk in depth with presenters about their work. We hope you’ll take advantage of networking opportunities to get to know your peers.

You are a diverse group, representing many regions of the United States and several other countries. All of you have knowledge to share with the rest of us. Let’s learn together how to improve our practice and the processes of health care. We are in for a stimulating few days.

The Program Committee, the volunteers, and I are glad you are here, and we look forward to meeting you.

Judy Ozbolt, PhD, RN, FAAN, FACMI, FAIMBE
Visiting Professor and Chair, SINI 2014
## SINI 2014
### Schedule-at-a-Glance

Throughout this Schedule-at-a-Glance, we have used colors to distinguish the following topical tracks.

**Tracks open to participants with any level of expertise:**

<table>
<thead>
<tr>
<th>Track A</th>
<th>Integrating and Evaluating Consumer eHealth Approaches in Patient-Centered Care</th>
</tr>
</thead>
<tbody>
<tr>
<td>Track B</td>
<td>New Roles for Clinicians and Informaticians in Patient-Centered Care</td>
</tr>
</tbody>
</table>

**Think Tanks, intended for experts in nursing informatics:**

<table>
<thead>
<tr>
<th>Track C</th>
<th>Challenges in Achieving Interoperability Across Care Settings</th>
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</thead>
<tbody>
<tr>
<td>Track D</td>
<td>Challenges in Data Methods and Analytics Across Care Settings</td>
</tr>
</tbody>
</table>

- 🚊 - Webcast Session

### Wednesday • July 16, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 – 9:30 a.m.</td>
<td>Registration and Continental Breakfast</td>
<td>UMSON Lobby</td>
</tr>
<tr>
<td>8:30 – 9</td>
<td>Information Session on Informatics at UMSON</td>
<td>Room 150</td>
</tr>
<tr>
<td>8:30 – 9</td>
<td>SINI for Newcomers</td>
<td>Room 140</td>
</tr>
<tr>
<td>8:30 – 9:15</td>
<td>Preparing for a Professional Presentation</td>
<td>Room 304</td>
</tr>
<tr>
<td>9:30 – 10</td>
<td>Welcome and Introductions 🚊</td>
<td>Room 130</td>
</tr>
<tr>
<td>10 – 11:15</td>
<td>Keynote Address: Transforming Health Care 🌟</td>
<td>Room 130</td>
</tr>
<tr>
<td>11:30 a.m. – 12:30 p.m.</td>
<td>Concurrent Session 1</td>
<td>Room 150</td>
</tr>
<tr>
<td></td>
<td>1A. Treatment Decision-Making: Education is Not Enough</td>
<td>Room 140</td>
</tr>
<tr>
<td></td>
<td>1B. Partnering for Success: Informatics and Human Factors Engineers</td>
<td>Room 130</td>
</tr>
<tr>
<td></td>
<td>1C. HRSA-ONC Beacon Program to Improve Quality of Health Care for Community Health Centers Through the Use of Health Information Technology 🚊</td>
<td>Room W208</td>
</tr>
<tr>
<td></td>
<td>1D. Grand Challenges in the Data-Driven Transformation of Health Care</td>
<td>Room W208</td>
</tr>
<tr>
<td>12:30 – 2</td>
<td>Lunch (on your own)</td>
<td>Room 725</td>
</tr>
<tr>
<td></td>
<td>UMSON Alumni Luncheon</td>
<td>Room 130</td>
</tr>
<tr>
<td>2 – 3</td>
<td>Concurrent Session 2</td>
<td>Room 130</td>
</tr>
<tr>
<td></td>
<td>2A. Health IT Innovations for Patients and Their Caregivers 🚊</td>
<td>Room 150</td>
</tr>
<tr>
<td></td>
<td>2B. Participatory Design and Development of a Patient-Centered Toolkit to Engage Hospitalized Patients and Care Partners in Their Plan of Care</td>
<td>Room 140</td>
</tr>
<tr>
<td></td>
<td>2C. Are We Advancing Meaningful Interoperability?</td>
<td>Room W208</td>
</tr>
<tr>
<td></td>
<td>2D. Using Data from Diverse Sources to Improve Cost, Effectiveness, and Quality</td>
<td>Room W208</td>
</tr>
<tr>
<td>3:15 – 4:15</td>
<td>Concurrent Session 3</td>
<td>Room 130</td>
</tr>
<tr>
<td></td>
<td>3A. Mobile Apps for Personal Health Monitoring and Management 🚊</td>
<td>Room 150</td>
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<td></td>
<td>3B. Integrating and Managing Patient-Generated Information</td>
<td>Room 140</td>
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<tr>
<td></td>
<td>3C. Coding Nursing Assessments Using SNOMED and LOINC to Support National Standards for Interoperability</td>
<td>Room W208</td>
</tr>
<tr>
<td></td>
<td>3D. Managing and Minimizing the Data Collection Burden on Patients, Clinicians, and Caregivers</td>
<td>Room W208</td>
</tr>
<tr>
<td>4:30 – 7</td>
<td>Exhibitor Evening: Reception, Book Signing, &amp; Tweet Meet</td>
<td>SMCCC Ballrooms</td>
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</tbody>
</table>

http://nursing.umaryland.edu/sini
<table>
<thead>
<tr>
<th>Time</th>
<th>Session/Activity</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>8 – 8:30 a.m.</td>
<td>Continental Breakfast</td>
<td>UMSON Lobby</td>
</tr>
<tr>
<td>8:30 – 9:45</td>
<td>Distinguished Lecture: Big Data and Clinical Decision Support</td>
<td>Room 130</td>
</tr>
<tr>
<td>10 – 11</td>
<td>Concurrent Session 4</td>
<td>Room 150</td>
</tr>
<tr>
<td></td>
<td>4A-1. Patient-Engaged Human Factors and Ergonomics: Performance Barriers to the Work of Medication Management in Older Heart Failure Patients</td>
<td>Room 150</td>
</tr>
<tr>
<td></td>
<td>4A-2. Mobile Health Intervention Program: Efficacy of High-Risk, Middle-Aged, and Elderly Adults Suffering from Hypertension and Hypercholesterolemia in Taiwan</td>
<td>Room 150</td>
</tr>
<tr>
<td></td>
<td>4B-1. Health IT Adoption in Home Health Agencies</td>
<td>Room 130</td>
</tr>
<tr>
<td></td>
<td>4B-2. Using Mobile Devices to Access Evidence-Based Information in a Rural Health Clinic</td>
<td>Room 130</td>
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<td></td>
<td>4C. Patient Movement from the Battlefield to Home: A Department of Defense Use Case on Interoperability Challenges</td>
<td>Room 140</td>
</tr>
<tr>
<td></td>
<td>4D. EHR Data Quality for Healthcare Analytics: Not Secondary Anymore</td>
<td>Room W208</td>
</tr>
<tr>
<td>11 a.m. – 1 p.m.</td>
<td>Lunch &amp; Optional Activities</td>
<td>Room W202</td>
</tr>
<tr>
<td></td>
<td>Lunch (on your own)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Simulation Lab Tours (Sign up at Registration Table)</td>
<td></td>
</tr>
<tr>
<td>11:15 a.m. – noon</td>
<td>What We Need Before We Take Watson to the Bedside (Sign up at Registration Table)</td>
<td></td>
</tr>
<tr>
<td>11 a.m. – 3:30 p.m.</td>
<td>Poster Setup</td>
<td>SMCCC Ballrooms</td>
</tr>
<tr>
<td>1 – 2</td>
<td>Concurrent Session 5</td>
<td>Room 150</td>
</tr>
<tr>
<td></td>
<td>5A-1. What's Your Health Age - A Health Risk Assessment for Veterans</td>
<td>Room 150</td>
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<tr>
<td></td>
<td>5A-2. Connected Health Promising Triple Aim Outcomes</td>
<td>Room 150</td>
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<tr>
<td></td>
<td>5B-1. A Different Approach to Meaningful Use Documentation Education</td>
<td>Room 130</td>
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<tr>
<td></td>
<td>5B-2. The Emerging Role of Nurse Informaticians in Improving Patient Care Outcomes and Staff Satisfaction</td>
<td>Room 130</td>
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<tr>
<td></td>
<td>5C. Interoperability and eMeasures of Clinical Quality</td>
<td>Room 140</td>
</tr>
<tr>
<td></td>
<td>5D. Integrating Nursing Data into Big Data</td>
<td>Room W208</td>
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<tr>
<td>2:15 – 3:15</td>
<td>Concurrent Session 6</td>
<td>Room 150</td>
</tr>
<tr>
<td></td>
<td>6A. Impact of eHealth Tools</td>
<td>Room 150</td>
</tr>
<tr>
<td></td>
<td>6B. Information for Patient Self-Management</td>
<td>Room 130</td>
</tr>
<tr>
<td></td>
<td>6C. Minnesota 2015 Mandate for Interoperability</td>
<td>Room 140</td>
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<tr>
<td></td>
<td>6D. Emerging Approaches to Managing and Analyzing Large Data Sets for Longitudinal Study</td>
<td>Room W208</td>
</tr>
<tr>
<td>3:30 – 4:45</td>
<td>Distinguished Lecture: Consumer eHealth: Emphasizing Health, Not Just Health Care</td>
<td>Room 130</td>
</tr>
<tr>
<td>5 – 6</td>
<td>Poster Session</td>
<td>SMCCC Ballrooms</td>
</tr>
</tbody>
</table>

**Friday • July 18, 2014**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session/Activity</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 – 9 a.m.</td>
<td>Continental Breakfast</td>
<td>UMSON Lobby</td>
</tr>
<tr>
<td>8:15 – 8:45</td>
<td>Information Session on Informatics at UMSON</td>
<td>Room 150</td>
</tr>
<tr>
<td>9 – 10</td>
<td>Distinguished Lecture: Nursing Success Stories in Clinical Mobility</td>
<td>Room 130</td>
</tr>
<tr>
<td>10:15 – 11:15</td>
<td>Concurrent Session 7</td>
<td>Room 130</td>
</tr>
<tr>
<td></td>
<td>7A-1. Successful IT Initiative to Reduce the Rate of Excessive Uterine Contractions During Labor</td>
<td>Room 130</td>
</tr>
<tr>
<td></td>
<td>7A-2. Enhancing Patient Engagement Through Health Information Technology: My HealthVet and GetWellNetwork</td>
<td>Room 130</td>
</tr>
<tr>
<td></td>
<td>7B-1. Yet Again, Nurses Show Value – Now as Technology Change Agents in an Acute Care Setting</td>
<td>Room 150</td>
</tr>
<tr>
<td></td>
<td>7B-2. University of Maryland eCare's COR 54: The New Kids in the Box</td>
<td>Room 150</td>
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<tr>
<td></td>
<td>7C. Summary, Priority Issues, and Next Steps Toward Interoperability</td>
<td>Room 140</td>
</tr>
<tr>
<td></td>
<td>7D. Summary, Priority Issues, and Next Steps Toward Using Data and Analytics to Improve Care and Outcomes and Control Costs</td>
<td>Room W208</td>
</tr>
<tr>
<td>11:30 a.m. – 12:45 p.m.</td>
<td>Commander Lura Jane Emery Lecture: Emerging Technologies to Support Patient–Centered Care</td>
<td>Room 130</td>
</tr>
<tr>
<td>12:45 – 1</td>
<td>Concluding Remarks and Presentation of the People's Choice Award</td>
<td>Room 130</td>
</tr>
</tbody>
</table>

[http://nursing.umaryland.edu/sini](http://nursing.umaryland.edu/sini)
PROGRAM CHAIR

Judy Ozbolt, PhD, RN, FAAN, FACMI, FAIMBE
Visiting Professor
University of Maryland School of Nursing

COMMITTEE MEMBERS

Marion Ball, EdD
Senior Advisor Healthcare Informatics
Healthcare and Life Sciences Institute
IBM Research
Professor Emerita
Johns Hopkins University School of Nursing

Kathleen Charters, PhD, RN, CPHIMS
Clinical Information System Specialist
Defense Health Agency

Melinda Y. Costin, CHCIO, FHIMSS, CPHIMS
Vice President and Chief Information Officer
JPS Health Network

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Senior Nurse Scientist/Program Director Research
Center for Nursing Excellence, Brigham and
Women’s Hospital
Chair, AMIA Working Group on Nursing Informatics

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Director, Professional Education
Assistant Professor
University of Maryland School of Nursing

Lindsey Hoggle, MS, RD, PMP
Director, Nutrition Informatics
Academy of Nutrition and Dietetics
Co-Chair, AMIA Working Group on Consumer and
Pervasive Health Informatics

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Associate Professor
University of Maryland School of Nursing

Albert Lai, PhD
Assistant Professor, Department of Biomedical
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Ohio State University Medical Center
Co-Chair, AMIA Working Group on Consumer and
Pervasive Health Informatics

Mary Etta Mills, ScD, RN, NEA-BC, FAAN
Professor
University of Maryland School of Nursing

Kathryn Lothschuetz Montgomery, PhD, RN
Associate Dean for Strategic Partnerships and
Initiatives
Associate Professor
University of Maryland School of Nursing

Judy Murphy, RN, FACMI, FHIMSS
Deputy National Coordinator for Programs and Policy
Office of the National Coordinator for Health IT
U. S. Department of Health and Human Services

Eun-Shim Nahm, PhD, RN, FAAN
Professor
Specialty Director, Nursing Informatics
University of Maryland School of Nursing

Mary Regan, PhD, RN
Assistant Professor
University of Maryland School of Nursing

Charlotte Seckman, PhD, RN-BC
Assistant Professor
University of Maryland School of Nursing

Sonia Smith, BS
Coordinator, Professional Education
University of Maryland School of Nursing

Nancy Staggers, PhD, RN, FAAN
Professor
University of Maryland School of Nursing

Marisa L. Wilson, DNSc, MHSc, RN-BC
Assistant Professor, Department of Acute and
Chronic Care
Johns Hopkins University

http://nursing.umaryland.edu/sini
Continuing Education (CE) OFFERINGS FOR SINI:

CE Credits

- Wednesday, July 16: 5.0 credits
- Thursday, July 17: 6.5 credits
- Friday, July 18: 3.25 credits
- Total: 14.75 contact hours

Professional Credit

Up to 14.75 contact hours are awarded to participants who successfully complete SINI 2014 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.

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

UMSON is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation.

CONFLICT OF INTEREST DISCLOSURE

The University of Maryland School of Nursing requires all individuals involved in the planning and presentation of CNE activities to 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 16: 8 a.m. - 7:30 p.m.
- Thursday, July 17: 8 a.m. - 7:30 p.m.
- Friday, July 18: 8 a.m. - 2:00 p.m.

ACCESSING THE WIRELESS NETWORK

UMSON is equipped with a wireless network, which is accessible from anywhere in the building using your laptop or mobile device. For non-UMSON personnel, please use the following user name and password:

**Within UMSON**

- Network Name: UMConf
- User Name: sonconnect
- Password: Nursing

**Within SMCCC**

- Network Name: UMConf
- User Name: SMCCConf
- Password: SMCGuest

ACCESSING PRESENTATIONS ONLINE

Log on to the 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 19, 2014.

JOIN THE CONVERSATION USING #SINI2014

Twitter users are encouraged to tweet about the education and networking at SINI 2014 by using the conference hashtag (#SINI2014) and tagging @marylandnursing. A designated meeting location will be made available during Wednesday evening’s Tweet Meet, so that Twitter users can meet each other face to face.

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 UMSON building.

Please visit the registration desk for further details.

http://nursing.umaryland.edu/sini
24th Summer Institute in Nursing Informatics

SINI 2014 is packed with evidence-based sessions featuring national leaders and outstanding peer-reviewed presenters. The theme, "Informatics Enabling Patient-Centered Care Across the Continuum," encompasses tested solutions to issues facing your informatics practice.

Informatics professionals are challenged to find new solutions to support patient engagement and patient-centered care across the continuum. Coordinated models of care delivery require informatics tools for patient-centered teamwork, shared planning, close communication among team members (including patients and their lay caregivers), coordination of care, and health coaching. In a collaborative setting, explore how consumer eHealth and pervasive information technologies are changing health care and the management and use of health information.

SESSION TRACKS
Tracks A and B are designed for participants with all levels of expertise. These tracks offer podium presentations with time for questions and discussion. Invited and peer-reviewed speakers in Track A, "Integrating and Evaluating Consumer eHealth Approaches in Patient-Centered Care," offer lessons learned for successful implementation of applications that partner patients with clinicians in managing health. Invited and peer-reviewed speakers in Track B, "New Roles for Clinicians and Informaticians in Patient-Centered Care," describe evolving responsibilities of health care professionals in support of personal health management.

People with expertise in interoperability or data analytics may opt to participate in one of two think tanks. These tracks focus on persistent challenges to optimizing benefits of EHRs. Expert presenters will facilitate group discussions about unresolved challenges. Track C, "Challenges in Interoperability Across Care Settings," examines issues relevant to health information exchange, including integration of patient-generated information. Track D, "Challenges in Data Methods and Analytics Across Care Settings," explores data management and statistical methods for tracking patient progress and outcomes across care settings and assessing the costs and benefits of various modes of care.

NETWORKING OPPORTUNITIES
Wednesday's Exhibitor Evening, Book Signing, and Tweet Meet will give participants an opportunity to learn about products and services useful to nurse informaticians, to talk with the authors of informatics texts (books will be available for purchase), and to meet colleagues with whom they have been exchanging messages. Hors d’oeuvres and beverages will be provided.

POSTER SESSION
The Poster Session on Thursday evening will offer one CE credit. Don’t miss this opportunity to review excellent work by peer-reviewed presenters from across the U.S. and around the globe, and to network with participants.

OBJECTIVES
At the conclusion of SINI, participants will be able to:
- Describe ways of using informatics tools to support patient engagement and patient-centered care
- Identify new and evolving roles for clinicians and informaticians in providing patient-centered care across the continuum
- Address ongoing challenges for achieving interoperability, with consideration for devices and apps individuals and families use to monitor and manage their health
- Address ongoing challenges in using data from diverse sources to improve patient care and health outcomes, and to control costs
Throughout this schedule, we have used colors to distinguish the following topical tracks.

Tracks open to participants with any level of expertise:

- **Track A** Integrating and Evaluating Consumer eHealth Approaches in Patient-Centered Care
- **Track B** New Roles for Clinicians and Informaticians in Patient-Centered Care

Think Tanks, intended for Experts in nursing informatics:

- **Track C** Challenges in Achieving Interoperability Across Care Settings
- **Track D** Challenges in Data Methods and Analytics Across Care Settings

Throughout this schedule, we have used colors to distinguish the following topical tracks.

Wednesday, July 16, 2014

8 – 9:30 a.m.
Registration and Continental Breakfast

Lobby

8:30 – 9

Information Session on Informatics at the University of Maryland School of Nursing (UMSON)

Room 150

8:30 – 9

SINI for Newcomers

Room 140

8:30 – 9:15

Preparing for a Professional Presentation
Free workshop, all participants are welcome

Room 304

Eun-Shim Nahm, PhD, RN, FAAN
Professor, UMSON

Kathleen Charters, PhD, RN, CPHIMS
Clinical Information System Specialist
Defense Health Agency

0.75 CNE

9:30 – 10

Welcome and Introductions (Plenary) 📺

Room 130

Jane M. Kirschling, PhD, RN, FAAN
Dean and Professor, UMSON

Judy Ozbolt, PhD, RN, FAAN, FACMI, FAIMBE
Visiting Professor, UMSON, and SINI 2014 Program Chair

10 – 11:15

KEYNOTE ADDRESS

Transforming Health Care (Plenary) 📺

Room 130

Philip Fasano
Executive Vice President and Chief
Information Officer, Kaiser Permanente

1.25 CNE

http://nursing.umd.edu/sini
11:30 a.m. - 12:30 p.m.

CONCURRENT SESSION 1

1.0 CNE

1A. Room 150

Treatment Decision-Making: Education is Not Enough

Donna Berry, PhD, RN, AOCN, FAAN
Director, Dana Farber Cancer Institute

1B. Room 140

Partnering for Success: Informatics and Human Factors Engineers

Donna Montgomery, MBA, BSN, RN-BC
System Director of Nursing/Patient Care Informatics,
Baylor Health Care System
C. Adam Probst, PhD
Senior Human Factors Specialist, BS&WH Office of Patient Safety
Courtney Dalcour, BSN, RN
Informatics Resource Nurse, Baylor University Medical Center

1C. Room 130

HRSA-ONC Beacon Program to Improve Quality of Health Care for Community Health Centers Through the Use of Health Information Technology

Anna Poker, RN

Nursing Informatics Practice Award Winner

1D. Room W208

Grand Challenges in the Data-Driven Transformation of Health Care

Aubrie Augustus, MHA, RN
Senior Vice President, Quality Services, JPS Health Network

12:30 – 2

Lunch (on your own)

UMSON Alumni Luncheon

Room 725

1 – 3:30

Exhibitor Registration and Setup

SMCCC Ballrooms

2 – 3

CONCURRENT SESSION 2

1.0 CNE

2A. Room 130

Health IT Innovations for Patients and Their Caregivers

Eun-Shim Nahm, PhD, RN, FAAN
Professor, UMSON
Specialty Director, Nursing Informatics

2B. Room 150

Participatory Design and Development of a Patient-Centered Toolkit to Engage Hospitalized Patients and Care Partners in Their Plan of Care

Patricia C. Dykes, PhD, RN, FAAN, FACMI
Senior Nurse Scientist/Program Director, Research Center for Nursing Excellence, Brigham and Women’s Hospital

2C. Room 140

Are We Advancing Meaningful Interoperability?

Joyce Sensmeier, MS, RN-BC, CPHIMS
Vice President, Informatics, HIMSS

2D. Room W208

Using Data from Diverse Sources to Improve Cost, Effectiveness, and Quality

Capt. Veronica Gordon, MS, BSN
Deputy Branch Chief, Health Information Exchange, Defense Health Agency
3:15 – 4:15

CONCURRENT SESSION 3

1.0 CNE

3A. Room 130

Mobile Apps for Personal Health Monitoring and Management

Holly Jimison, PhD, FACMI
Professor, Northeastern University

3B. Room 150

Integrating and Managing Patient-Generated Information

Kathleen Charters, PhD, RN, CPHIMS
Clinical Information System Specialist
Defense Health Agency

3C. Room 140

Coding Nursing Assessments Using SNOMED and LOINC to Support National Standards for Interoperability

Susan Matney, PhD(c), MSN, RN, FAAN,
Medical Informaticist HDD Team, 3M Health Information Systems

3D. Room W208

Managing and Minimizing the Data Collection Burden on Patients, Clinicians, and Caregivers

Barbara Frink, PhD, RN, FAAN
Vice President and Chief Nursing Information Officer,
MedStar Health System

4:30 – 7

EXHIBITOR EVENING

SMCCC Ballrooms

- Hors d’oeuvres and beverages
- SINI Tweet Meet
  Meet your colleagues who are tweeting about #SINI2014, and put a face to a digital name.
- Book Signings
  (Located in the Adjunct Hall just outside the SMCCC Ballrooms)

M.J. Ball, J.V. Douglas, et.al
Nursing Informatics: Where Technology and Caring Meet, 4th Edition
London: Springer-Verlag, January 2011

E.H. Shortliffe & J.J. Cimino (Eds.)
Biomedical Informatics: Computer Applications in Health Care and Biomedicine, 4th Edition
London: Springer-Verlag, 2014

Health Informatics: An Interdisciplinary Approach
St Louis: Elsevier

Saba, V.K. & McCormick, K.A.
Essentials of Nursing Informatics
McGraw-Hill, 2011

Saba, Virginia, K.
Clinical Care Classification (CCC) System Version 2.5: User's Guide
Springer Publishing, 2012

http://nursing.umaryland.edu/sini
Thursday, July 17, 2014

8 – 8:30 a.m.
Continental Breakfast
UMSON Lobby

8:30 – 9:45
Distinguished Lecture
Big Data and Clinical Decision Support (Plenary) Room 130
Martin Kohn, MD, MS, FACEP, FACPE
Chief Medical Scientist, Care Delivery Systems, Jointly Health
1.25 CNE

10 – 11
CONCURRENT SESSION 4
1.0 CNE

4A.1 Room 150
Patient-Engaged Human Factors and Ergonomics: Performance Barriers to the Work of Medication Management in Older Heart Failure Patients
Robin Mickelson, PhD(c), MS, RN
Vanderbilt University School of Nursing
Richard Holden, PhD
Assistant Professor, Department of Biomedical Informatics, Vanderbilt University Department of Medicine
Christine Schubert, PhD
Assistant Professor, Loma Linda University School of Medicine

4A.2 Room 150
Mobile Health Intervention Program: Efficacy of High-Risk, Middle-Aged, and Elderly Adults Suffering from Hypertension and Hypercholesterolemia in Taiwan
Wu Meng-Ping, MN
Taipei City Hospital, Chung-Hsin Branch
Chang Po-Lun, PhD
National Yang-Ming University
Lee Chien-Hsien, MD
National Yang-Ming University
Yu Wen-Ruey, MD
Taipei City Hospital, Yang-Ming Branch
Kao Mu-Jung, MD
Taipei City Hospital, Yang-Ming Branch

4B.1 Room 130
Health IT Adoption in Home Health Agencies
Gunes Koru, PhD
Associate Professor, University of Maryland, Baltimore County (UMBC)
Dari Alhwail
PhD Student, UMBC
Anthony Norcio, PhD
Professor of Information Systems, UMBC
Max Topaz, RN, ABD
PhD Student, University of Pennsylvania School of Nursing
Mary Etta Mills, ScD, RN, NEA-BC, FAAN
Professor, UMSON

4B.2 Room 130
Using Mobile Devices to Access Evidence-Based Information in a Rural Health Clinic
Heather Carter-Templeton, PhD, RN-BC
Assistant Professor, University of Alabama-Capstone College of Nursing
Lin Wu, MLIS, AHIP
Associate Professor & Health Sciences Librarian, University of Tennessee Health Science Center
11 a.m. - 1 p.m.

Lunch (on your own)

Simulation Lab Tours
Sign up at registration table

UMSON Living History Museum Open
2nd floor

11:15 a.m. - noon

What We Need Before We Take Watson to the Bedside
Sign up at registration table

Eliot Siegel, MD, FACR, FSIIIM
Professor, University of Maryland School of Medicine
Adjunct Professor, Bioengineering, University of Maryland, College Park
Adjunct Professor, Computer Science, UMBC

Room W202

1 - 2 p.m.

CONCURRENT SESSION 5
1.0 CNE

5A.1 Room 150

What’s Your Health Age – A Health Risk Assessment for Veterans

Heidi Martin, MA, BSN
Clinical Informaticist, Department of Veterans Affairs

Jeffrey Sartori, MS, RN
Informatics Clinical Analyst, Department of Veterans Affairs

5A.2 Room 150

Connected Health Promising Triple Aim Outcomes

Susan Hull, MSN, RN
CEO, WellSpring Consulting

5B.1 Room 130

A Different Approach to Meaningful Use Documentation Education ☘

Lindsay Donnellan, BSN, RN, CPN
Clinical Education and Informatics Specialist
Boston Children’s Hospital

Sara Gibbons, MSN, RN-BC, CPN
Clinical Education and Informatics Specialist
Boston Children’s Hospital

Cassandra Mombrun, MSN, RN
Clinical Education and Informatics Specialist
Boston Children’s Hospital

Suzanne Burstein, BSN, RN
Clinical Education and Informatics Specialist
Boston Children’s Hospital

Paige Polak, BS
Quality Improvement Data Analyst
Boston Children’s Hospital

http://nursing.umaryland.edu/sini
1 – 2 p.m.

CONCURRENT SESSION 5  (continued)

5B.2  Room 130

The Emerging Role of Nurse Informaticists in Improving Patient Care Outcomes and Staff Satisfaction
Romina Elias, MSN, RN–BC
Clinical Informaticist, Assistant Nurse Manager
White Plains Hospital

Grant Campbell, MSN, RN
Senior Director Clinical Services, Zynx Health

5C.  Room 140

Interoperability and eMeasures of Clinical Quality
Kathleen Charters, PhD, RN, CPHIMS
Clinical Information System Specialist
Defense Health Agency

5D.  Room W208

Integrating Nursing Data into Big Data
Ann Tinker, MN, RN
Vice President, Executive Engagement, Healthcare Quality Catalyst, Inc., Intermountain Health Care

2:15 – 3:15

CONCURRENT SESSION 6
1.0 CNE

6A.  Room 150

Impact of eHealth Tools
Marty Minniti, BS, RN
CEO, Skilled Nursing Staffing and Search

6B.  Room 130

Information for Patient Self-Management
Leslie Kelly Hall
Senior Vice President, Healthwise

6C.  Room 140

Minnesota 2015 Mandate for Interoperability
Bonnie Westra, PhD, RN, FAAN, FACMI
Associate Professor and Director, Center for Nursing Informatics, University of Minnesota School of Nursing

Martin LaVenture, PhD, MPH, FACMI
Director, Office of Health Information Technology in MDH, Minnesota Department of Health

6D.  Room W208

Emerging Approaches to Managing and Analyzing Large Data Sets for Longitudinal Studies
Beverly Bell, MHA, RN, CPHIMSS, FHMSS
Vice President, Implementation and Consulting Siemens Healthcare

3:30 – 4:45

Distinguished Lecture (Plenary)
Consumer eHealth: Emphasizing Health, Not Just Health Care
Room 130

Ellen Makar, MSN, RN–BC, CPHIMSS, CCM, CENP
Senior Policy Advisor, U.S. Department of Health and Human Services, ONC Office of Consumer eHealth
1.25 CNE

5 – 6

Poster Session
SMCCC Ballrooms

See pages 15-16 of this program for complete Poster Session listing.
1.0 CNE
Friday, July 18, 2014

**8 – 9 a.m.**

**Continental Breakfast**

UMSON Lobby

**8:15 – 8:45**

**Information Session on Informatics at UMSON**

Room 150

**9 – 10**

**Distinguished Lecture (Plenary)**

**Nursing Success Stories in Clinical Mobility**

Room 130

Molly K. McCarthy, MBA, RN

Chief Nursing Strategist

Microsoft U.S. Health and Life Sciences

1.0 CNE

**10:15 – 11:15**

**CONCURRENT SESSION 7**

1.0 CNE

**7A.1 Room 130**

**Successful IT Initiative to Reduce the Rate of Excessive Uterine Contractions During Labor**

*Nursing Informatics Research Award Winner*

Kari Bunting, MS, RNC-OB, C-EFM

Clinical Nurse Specialist, Labor and Delivery

MedStar Franklin Square Medical Center

Professional Development Specialist

MedStar Franklin Square Medical Center

Samuel Smith, MD

Executive Chairman

MedStar Franklin Square Medical Center

Emily Hamilton, MD

SVP Clinical Research, Perigen and McGill University

**7A.2 Room 130**

Enhancing Patient Engagement Through Health Information Technology: My Health eVet and GetWellNetwork

Linda Keldsen, MS, MBA–HC, RN, CPHRM, VHA–CEM

Director, Veterans Health Education, Nursing Affiliations, My Health eVet & GetWellNetwork

VA Maryland Health Care System

**7B.1 Room 150**

**Yet Again, Nurses Show Value – Now as Technology Change Agents in an Acute Care Setting**

Weiwen Wang, DNP, MSN, RN

Assistant Professor,

University of Pittsburgh School of Nursing

Elizabeth LaRue, PhD

Assistant Professor, University of Pittsburgh

**7B.2 Room 150**

University of Maryland eCare’s COR 54: The New Kids in the Box

Ariel de Vera, BSN, RN, CCRN

Senior Clinical Nurse II, University of Maryland eCare

**7C. Room 140**

Summary, Priority Issues, and Next Steps Toward Interoperability

Marisa Wilson, DNSc, MHSc, RN–BC

Assistant Professor, Department of Acute and Chronic Care

Johns Hopkins University School of Nursing

**7D. Room W208**

Summary, Priority Issues, and Next Steps Toward Using Data and Analytics to Improve Care and Outcomes and Control Costs

Melinda Costin, CHCIO, FHIMSS, CPHIMS

Vice President and CIO, JPS Health Network

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

Visiting Professor, UMSON and SINI 2014 Program Chair

http://nursing.umaryland.edu/sini
11:30 a.m. – 12:45 p.m.

**Commander Lura Jane Emery Lecture**

Emerging Technologies to Support Patient-Centered Care (Plenary)

Room 130

Patricia Flatley Brennan, PhD, RN, FAAN, FACMI
Professor of Nursing and Industrial Engineering
School of Nursing and College of Engineering, University of Wisconsin-Madison

SINI organizers acknowledge the support of the Endowment Fund of the Commander Lura Jane Emery Seminar Series for Nursing Practice for its generous sponsorship of the endnote address.

1.25 CNE

12:45 – 1

Concluding Remarks and Presentation of the People's Choice Award

Room 130

“My experience at SINI has inspired and challenged me to make a difference in my unit/organization”

Bobbie Glaser, BSN RN CCRN
Staff Nurse/Informatics Project Leader
Zablocki VA Medical Center

“SINI provides all nurses and health care providers an opportunity to join the future of health care delivery.”

Sandra Genrich, PhD, RN
Adjunct Professor
Stevenson University

http://nursing.umaryland.edu/sini
Poster Session

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.

1. Telenursing - An Evolving World of Care
   Rachel Albert, PhD

2. Game Based Learning to Teach Electronic Health Record (EHR) Use
   Karen Beach, BSN, RN-BC
   Toni Hebda, PhD, RN-BC, MSIS, CNE
   Dee McGonigle, PhD, RN, CNE, FAAN, ANEF
   Eric Bauman, PhD, RN
   Carolyn Sipes, PhD, RN-BC, CNS, APN, PMP

3. Submission Process for Requesting SNOMED CT Clinical Concepts
   Lindy Buhl, BSN, RN
   Susan Matney, MSN, RN

SINI 2014 Outstanding Research Poster Award Winner

   Insook Cho, PhD
   Won Ja Choi, MS
   Woan Heui Choi, MS

5. Nursing Informatics Driving Patient Outcomes
   Marta Cook, BSN, RN
   Stacey Carmichael, BSN, RN

6. Case Study: Implementation of Electronic Health Record Using Rogers Diffusion of Innovation
   Rosario Estrada, DNP, RN-BC, CPN
   Gerti Heider, PhD, MSN, APN, GNP-BC

7. Examining the Relationship Between Nursing Informatics Competency and Evidence-Based Practice Competency Among Acute Care Nurses
   Susanne Fehr, MS, RN-BC, NE-BC

8. A Hybrid Learning Approach to Patient Education for Blood and Marrow Transplantation
   Cheryl Fisher, EdD, RN-BC
   Claiborne Miller-Davis, MS
   Mike Krumlauf, BSN
   Nonniekay Shelburne, MS, CRNP, AOCN
   Gwenyth Wallen, PhD

9. Nursing Informatics: ANA Scope and Standards of Practice
   Paulette Fraser, MS, RN-BC

10. Connecting CCC to SNOMED CT and LOINC in a Terminology Server
    Tiffany Harman, RN
    Susan Matney, MSN

11. Gap Analysis of SNOMED CT Content Coverage for a Decision Support System
    Rachel Howe, BSN, RN
    Susan Matney, MSN

12. Integrating mHealth Into Patient-Provider Chronic Disease Management - a Sociotechnical Perspective. Challenges and Lessons Learned from the Pocket PATH Synergy
    Taya Irizarry, MSN, RN
    Annette De Vito Dabbs, PhD, RN, FAAN

13. Targeting Patient Outcomes: Increasing Accuracy of Documentation
    Melissa Kolod, BS
    Cynthia Lundberg, MSN, RN
    Jennifer Kingery, BSN, RN

14. Leveling Informatics Online Education Across Baccalaureate, Master’s, and Doctoral Programs in a School of Nursing
    Heidi Landry, DNS, RN
    Michael Landry, DNS, RN

15. Transcultural Analysis of Medical Device Alarm Trepidations: A Nursing Perspective and New Theory Proposal
    Colleen Lindell, MHSA, RN

16. Using HIT to Facilitate Transitions of Care
    Cristina Mahabir, MS, RN
    Gilad Kuperman, MD, PhD
    Ruben Lantigua, MSN, RN

Poster Session continued on next page
16

2014 SINI Outstanding Practice Poster Award Winner

17. Improving Depression Screening Using CDS and Patient Access to Info Using PHRs
   Cristina Mahabir, MS, RN
   Gilad Kuperman, MD, PhD
   Ruben Lantigua, MSN, RN
   Nebojsa Mirkovic, PhD, MPH

18. mHealth: Report of the NI2014 Post-Conference on Mobile Health
   Susan Newbold, PhD, RN-BC, FAAN, FHMSS, CHTS-CP

19. An Interdisciplinary Approach to Clinical Documentation Across the Care Continuum
   Jayne O’Leary, RN
   Catherine Galla, MSN

20. Health Center-Controlled Networks: Advancing Health Care Quality Through Health Information Technology at Community Health Centers
   Anna Poker, RN

21. Nurse Informaticist as Consumer eHealth Advocate
   Elaine Polinak, MSN

22. Mitigating Outages of Digital Phones
   Rebecca Qualey, MA, RN

23. Tailoring a Systems Learning Curriculum for New Clinicians Across the Care Continuum
   Kristy Reynolds, MSN, MBA, RN, CPON, OCN
   Jill Vickers, MSN, RN
   Jamie Douglas, RN
   Ashley Sediquzad, RN

24. Promoting Patient-Centered Care Through the Practical Application of Informatics Concepts in a Baccalaureate Nursing Curriculum
   Charlotte Seckman, PhD, RN-BC

25. Increasing Communication with Referring Providers to Enhance Patient-Centered Care
   Diane Skojec, DNP, CRNP
   Bernadette Naquin, BSN, RN, CWCN
   Christal Moore, MHA, MBA, FACHE

26. Leveraging a Tele-ICU Program to Provide Palliative Care to All ICU Patients: A Pilot Study
   Courtney Stear, BSN, RN

“SINI not only helped me grow my overall knowledge of nursing informatics, but helped me better understand informatics in my own organization. A definite win-win!”

Holly Nunnns, BSN, RN
Clinical Informatics Analyst Nursing and Patient Care Informatics
Baylor Health Care System Dallas, TX
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Café CulinArt
Located in the Southern Management Corporation Campus Center (SMCCC) adjacent to the School of Nursing. Please wear your School of Nursing conference badge.

Camden Pub
Turn left after exiting the School of Nursing and continue on West Lombard Street to the corner. Turn left onto Penn Street. Continue one block and turn left onto W. Pratt Street. The restaurant is located at 647 W. Pratt Street.

Frank & Nic’s West End Grill
Turn right after exiting the School of Nursing and continue on West Lombard Street to the corner of Greene Street. Turn right on Greene Street. Walk one block and turn left onto West Pratt Street. The restaurant is located at 511 W. Pratt Street.

Luna del Sea
Turn right after exiting the School of Nursing and continue on West Lombard Street to the corner of Greene Street. Turn right on Greene Street. Walk one block and turn left onto West Pratt Street. Walk three blocks toward the Inner Harbor to 300 W. Pratt Street.

Peace & A Cup of Joe
Turn left after exiting the School of Nursing and continue on West Lombard Street to the corner. Turn left onto Penn Street. Continue one block and turn right onto West Pratt Street. The café is located at 713 W. Pratt Street.

The Penn Restaurant
Turn left after exiting the School of Nursing and continue on West Lombard Street to the corner. Turn left onto Penn Street. Continue one block to West Pratt Street. The Penn Restaurant is located on the corner of Penn Street and Pratt Street.

Potbelly Sandwich Works
Turn right after exiting the School of Nursing and continue on West Lombard Street to the corner of Greene Street. Turn right on Greene Street. Walk one block and turn left onto West Pratt Street. 519 W. Pratt Street is on the right (located in the Greenehouse Apartments building).

University of Maryland Medical Center (UMMC)
A variety of quick service dining options are located inside UMMC, directly across Lombard Street from the School of Nursing. Turn right after exiting the School of Nursing and continue on West Lombard Street to the corner. Turn left onto Greene Street enter the hospital.

In the Hospital - First Floor South Building
- UMMC Cafeteria (Courtyard Cafe)
- Subway
- Mamma Ilardo’s Pizzeria
- Cypriana Cafe (Greek cuisine)

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Realizing the Benefits: Health Information Technology and Patient Care

July 22-24, 2015

Preconference Tutorial - July 20-21

Keynote: Informatics Supporting the Care of the Underserved
Suzanne Bakken, PhD, RN, FAAN, FACMI
Director, Center for Evidence-based Practice in the Underserved
Alumni Professor of Nursing and Professor of Biomedical Informatics
Columbia University

Endnote: Data Visualization for Population Health
Isaac S. Kohane, MD, PhD
Professor of Pediatrics and Health Sciences Technology
Harvard Medical School

http://nursing.umaryland.edu/sini
The University of Maryland School of Nursing (UMSON) was the first nursing school in the world to offer a master’s specialty in informatics and a doctoral degree with a focus on informatics. For more than two decades, UMSON has offered its renowned informatics programs, and today, it remains a leader in nursing informatics educational offerings. The informatics curriculum is continually updated in response to emerging technology and the needs of the health care system.

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