SINI 2018
28th Summer Institute in Nursing Informatics

Balancing Digital Demands:
Access, Use, Security

July 18-20, 2018
Preconferences: July 17, 2018

Conference Program
nursing.umaryland.edu/sini
CONTENTS

1 Welcome to SINI 2018
2 Conference Overview and Objectives
3 Attendee Information
   Continuing Education for Nurses
   Cyber Cafe
   Accessing the Wireless Network
   Volunteers
   Share Your #SINI2018 Experience
4 Conference Planning Committee
5 Networking Events
6-7 Plenary Speakers
8 School of Nursing Campus Map

SCHEDULE OF EVENTS
8 Tuesday, July 17 (Preconferences)
9-12 Wednesday, July 18
13-16 Thursday, July 19
16-17 Friday, July 20
18 Poster Session
19 Sponsors and Exhibitors
Dear Participant,

The University of Maryland School of Nursing (UMSON) and the 2018 Summer Institute in Nursing Informatics (SINI) Planning Committee join in welcoming you to the 28th annual institute. This year's theme, Balancing Digital Demands: Access, Use, Security, is a timely topic that examines challenges and strategies to manage security threats, large-scale disasters, and business continuity planning, as well as factors that influence the inclusion and capture of social determinants of health data in the electronic health record (EHR). You will find interesting plenary sessions with national leaders in the field of informatics, peer-reviewed presenters and posters, and a deep dive into managing the security of networked medical devices from the nursing informatics perspective.

We are pleased to provide you with this conference program, which contains vital information to help you navigate each day of SINI. It includes a schedule of invited and peer-reviewed speaker sessions, poster presentations, social and networking events, special tours, and highlights of Baltimore. We offer two Lunch and Learn sessions in which vendors EBSCO Information Services and Surgical Safety Scanner, Inc. will present information related to health IT, conduct a demonstration, and distribute materials on new and exciting products during lunch. We ask interested participants to register for the Lunch and Learn, as space is limited. (See the registration desk for details.)

We want to acknowledge and thank our sponsors this year: the University of Maryland Medical System, the University of Maryland Medical Center, and the Pi Chapter of Sigma Theta Tau, the International Honor Society of Nursing. The support of these organizations is invaluable for keeping SINI dynamic, relevant, and affordable.

Mark your calendars for SINI 2019: Healthcare Informatics: Catalyst for Value-Based Care Transitions. Pre-conferences providing intensive courses on selected topics will be held July 16, 2019. The main conference with full schedule of speakers and events will be offered July 17-19, 2019.

We are delighted you are here! Together we will generate new ideas and collaborations. Thank you for participating in this exciting event.

Warm regards,

Charlotte Seckman, PhD, RN-BC, CNE, FAAN
Associate Professor, Nursing Informatics
2018 SINI Program Chair
University of Maryland School of Nursing
Master the essentials of informatics and explore technologies that enhance health, the health care environment, and patient engagement in a modern world. Known for providing unique networking opportunities with experts and leaders in informatics, SINI will introduce you to innovations leading and supporting practice transformation.

The focus of this year’s conference is cybersecurity, including enhanced use and availability of technologies in the health care environment.

PRECONFERENCE WORKSHOPS
There is one full-day and one half-day preconference offered on Tuesday, July 17, 2018, that includes:
- Full-Day Preconference: Mobile Nursing App Prototyping (DIY)
- Half-Day Preconference: Leadership Skills for the New Health Care Organization’s Data Steward

CONFERENCE OBJECTIVES
At the end of this conference, learners will be able to:
- describe the role of the informatics nurse related to access, use, and security of digital data and technologies in health care
- ensure enhanced use, security, and availability of technologies
- explore key issues in establishing and maintaining health care data confidentiality and security, to include factors related to the social determinants of health
- examine practical challenges and develop strategies in managing the security of medical devices, including patient engagement tools, used in health care settings.

TRACKS
SINI 2018 features four educational tracks, including one designed specifically for the nursing informatics novice.

Track A (Novice): Nursing Informatics’ Role Related to Access, Use, and Security of Digital Data and Technologies in Health Care
This track is designed for attendees with less than two years of experience in the health care informatics field to introduce essential components and competencies in clinical informatics related to access, use, and security of digital data and technologies.

Track B: Large-Scale Disasters and Business Continuity Planning
This track provides an overview of how health care organizations prepare for disasters through business continuity planning. Exemplars such as using technological tools for mock or simulated disaster drills, extended and unplanned clinical system downtime procedures, and operations recovery procedures are explored.

Track C: Key Issues in Data Access, Use, and Security to Include Factors Related to Social Determinants of Health
Experts discuss the components and implications of technology, policy, and regulations that allow continuity of care during security threat events as well as actions to lower security risk. This track explores the unique challenges, security implications, ethical considerations, and factors that influence the inclusion and capture of social determinants of health data in EHRs.

Track D: Cybersecurity in Using Mobile Devices in Health Care Settings
This interactive track focuses on identifying practical issues in managing security of networked medical devices to include patient engagement tools; explores security standards, frameworks, and readiness to assess and improve security; and develops strategies to improve security of medical devices from a nursing informatics perspective.

POSTER SESSION
The Poster Session provides additional opportunities to explore and discuss peer-reviewed reports with authors. It takes place Thursday, July 19, from 2:15-3:15 p.m.
Welcome to the University of Maryland School of Nursing!

CONTINUING EDUCATION FOR NURSES

- In Person: 15.50 contact hours
- Webcast: 12.75 contact hours
- Full-Day Preconference: 7.00 contact hours
- Half-Day Preconference: 4.00 contact hours

Nurses may receive up to 15.50 contact hours for successful completion of the main conference activities, 7.00 contact hours for attending the full-day preconference, and 4.00 contact hours for attending the half-day preconference. Successful completion requires participants to attend designated CE activity sessions, complete and submit the attendance verification form (provided in program packet) for CE sessions attended, and complete the online SINI program evaluation.

Webcast attendees may receive up to 12.75 contact hours by attending Webcast-designated CE activity sessions, submitting a completed verification form via email, and completing the online SINI program evaluation.

- Tuesday, July 17: Full-Day Preconference 7.00 CE
- Tuesday, July 17: Half-Day Preconference 4.00 CE
- Wednesday, July 18: 7.00 CE/Webcast 5.25 CE
- Thursday, July 19: 5.00 CE/Webcast 4.00 CE
- Friday, July 20: 3.50 CE/Webcast 3.50 CE

Within two to four weeks of submitting your completed documents, UMSON will email you a CE certificate. All documents and requests for CE certificates must be received within 60 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 DISCLOSURES

UMSON requires that all individuals involved in the planning and presentation of CE 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 CAFE (Room 245)

Hours of Operation:
- Wednesday, July 18: 8 a.m.-5:15 p.m.
- Thursday, July 19: 8 a.m.-4:30 p.m.
- Friday, July 20: 8 a.m.-1 p.m.

ACCESSING THE WIRELESS NETWORK

UMSON is equipped with a wireless network, which is accessible from anywhere in the building while 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 Southern Management Corporation Campus Center:
  - Network Name: UM Conf
  - User Name: SMCConf
  - Password: SMCGuest

VOLUNTEERS

SINI conference planners are grateful for our volunteers, who are wearing marked T-shirts. They are here to help and will be glad to answer questions about SINI or UMSON. Please visit the registration desk for any questions.

SHARE YOUR #SINI2018 EXPERIENCE

Help us spread the word about the excellent information being shared at SINI. We encourage you to share your experience at the conference on social media using hashtag #SINI2018.
PROGRAM CHAIR

Charlotte Seckman, PhD, RN-BC, CNE, FAAN
Associate Professor, Nursing Informatics
University of Maryland School of Nursing

COMMITTEE MEMBERS

Patricia Abbott, PhD, RN, FAAN
Director, Hillman Scholars in Innovation Program
University of Michigan School of Nursing

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

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

Patricia D. Franklin, PhD, RN
Assistant Professor
Director, Professional Education
University of Maryland School of Nursing

Arpad Kelemen, PhD
Associate Professor
University of Maryland School of Nursing

Michelle Lardner, DNP, RN-BC
Deputy CIO and Chief of Clinical Informatics
Department of Clinical Research Informatics
National Institutes of Health Clinical Center

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

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

Ernest Opoku-Agyemang, MS, MA, RN
Clinical Instructor
University of Maryland School of Nursing

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

Ronald Piscotty Jr., PhD, RN-BC
Assistant Professor
University of Maryland School of Nursing

Paula M. Procter, MSc, RN, PGCE, SFHEA, FBCS, CITP, FIMIANI
Reader in Informatics and Telematics in Healthcare
Professional Lead for Long Term Conditions
Department of Nursing and Midwifery
Faculty of Health and Wellbeing
Sheffield Hallam University

Virginia Saba, EdD, RN, FACMI, FAAN
Distinguished Scholar, Adjunct
Georgetown University

Rhonda Schoville, PhD, MSBA, RN
Clinical Assistant Professor, Department of Systems, Populations, and Leadership
University of Michigan School of Nursing

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

Cathi Whelchel, MHSA, BSN, RN, NEA-BC
Product Management/Clinical Director
McKesson

Marisa L. Wilson, DNSc, MHSc, RN-BC, FAAN
Associate Professor and Specialty Track Coordinator, Nursing Informatics
University of Alabama at Birmingham School of Nursing
Networking Events

Meet with your colleagues during these exciting networking opportunities and learn about the latest services and technology in nursing informatics.

Welcome Luncheon
Roundtable Discussions on Hot Topics
Wednesday, July 18
noon-1:15 p.m.
Southern Management Corporation Campus Center

Networking Reception
Food and Fun
Wednesday, July 18
5:15-7:15 p.m.
Dr. Samuel D. Harris
National Museum of Dentistry
31 S. Greene St., Baltimore, MD 21201

Buffet Luncheon
Thursday, July 19
11:45 a.m.-12:45 p.m.
University of Maryland School of Nursing Lobby

Lunch and Learn
Thursday, July 19
11:45 a.m.-12:45 p.m.
Southern Management Corporation Campus Center

Tours of UMSON
Standardized Patient Labs and Living History Museum
See Pages 9, 16 and 13 for details.

Master’s in Nursing Informatics Specialty Information Session
Wednesday, July 18
8:15 a.m.-8:45 a.m.
Thursday, July 19
12:15-12:45 p.m.
University of Maryland School of Nursing, Room 400

Spirit of Baltimore Cruise and Buffet (by reservation only)
Thursday, July 19, 6:30 p.m. (Cruise runs 7-9:30 p.m.) • Baltimore Inner Harbor

Join us for a dinner cruise on the Spirit of Baltimore for views of Baltimore, buffet dinner, and lively entertainment, as well as an observation deck for conversation. The cruise boards in Baltimore’s Inner Harbor, only a few blocks away from the University of Maryland School of Nursing. Cost is $92.97 per person, including taxes and fees. Family members are also invited. To make your reservation, call 410-347-5552 and indicate that you are part of Mary Mills’ group (order number 2666114).
Plenary Speakers

Keynote Speaker

**Daniel Nigrin, MD, MS**
Senior Vice President and Chief Information Officer
Boston Children’s Hospital
Assistant Professor of Pediatrics
Harvard Medical School

**Real-Life Experiences with Cybersecurity: How to Manage and Mitigate Risks**

Daniel J. Nigrin, MD, MS, is the senior vice president for information services and chief information officer at Boston Children’s Hospital, assistant professor of pediatrics at Harvard Medical School, a senior staff member of the Children’s Hospital Informatics Program (CHIP), and an active and practicing member of the Division of Pediatric Endocrinology at the hospital. He received his undergraduate and medical degrees from Johns Hopkins University and then pursued his pediatric residency training at Johns Hopkins Hospital. He did simultaneous fellowships in pediatric endocrinology at Boston Children’s Hospital and in medical informatics through the Harvard-Massachusetts Institute of Technology Division of Health Sciences and Technology, receiving a master’s degree in medical informatics from MIT. As chief information officer at Boston Children’s Hospital, Nigrin is responsible for all clinical, research, teaching, and administrative information technology systems at one of the world’s preeminent institutions for pediatric clinical care and research, serving 15,000 individuals. As a practicing physician, medical informatics researcher, and information technology (IT) executive, he is in a unique position to put into practice cutting-edge technologies and ideas developed by CHIP and other biomedical informatics centers of excellence, bringing advances to patient care practice, quality, and research while keeping in mind the needs and workflows of busy clinicians.

Endnote Speaker

**Stephanie S. Poe, DNP, MScN, RN-BC**
Chief Nursing Information Officer and Senior Director of Nursing Quality and Informatics
Johns Hopkins Hospital/Johns Hopkins Health System

**Mission Continuity: Building Resilience Against Unplanned Service Interruptions**

Stephanie S. Poe, DNP, MScN, RN-BC, is the first chief nursing information officer and senior director of nursing quality and informatics for the Johns Hopkins Hospital (JHH) and Health System (JHHS). In this role, she is responsible for planning, organizing, directing, leading, and evaluating JHH and JHHS nursing programs that include quality, documentation management, clinical information systems training, and clinical data systems. As chief nursing information officer, Poe mentors entity-based nurse champions/directors of clinical informatics and provides leadership and strategic direction in the integration and harmonization of clinical practice with clinical information and telecommunication systems. She is a member of the IT@Hopkins Strategic Management and the Nursing and Patient Care Services executive teams and works collaboratively with the chief medical information officer and other interdisciplinary clinical, quality, and operational leaders to establish short- and long-term goals and implementation strategies that support the Johns Hopkins Medicine strategic plan and priorities. Poe serves as a clinical instructor in health information systems and patient care technologies in the Department of Acute and Chronic Care at the Johns Hopkins University School of Nursing.
**Distinguished Lecturers**

**Dr. Mansur Hasib, CISSP, PMP, CPHIMS**
Global Award-Winning Cybersecurity and Health Care Leader and Author
Program Chair, Cybersecurity Technology
The Graduate School, University of Maryland University College

**Cybersecurity Leadership and Culture in Health Care**
2017 Cybersecurity People’s Choice Award and 2017 Information Governance Expert of the Year Award winner, Mansur Hasib, CISSP, PMP, CPHIMS, is the only cybersecurity and health care leader, author, speaker, and media commentator in the world with 12 years’ experience as a chief information officer, with a Doctor of Science in Cybersecurity (IA), and with the prestigious CISSP, PMP, and CPHIMS certifications. Hasib has 30 years of experience in leading organizational transformations through digital leadership and cybersecurity strategy in health care, biotechnology, education, and energy. He teaches the art of cybersecurity leadership, digital innovation, and strategy to graduate students and executives worldwide and is program chair of the (ISC)² Americas ISLA Award-winning Master of Science in Cybersecurity Technology program in the Graduate School at University of Maryland University College. Additionally, with a bachelor’s degree in economics and politics and a master’s degree in political science, Hasib has a unique interdisciplinary perspective in digital strategy, business innovation, and cybersecurity.

**Mac McMillan, FHIMSS**
President and Chief Executive Officer
CynergisTek, Inc.

**Managing Risk Related to Information Security in Health Care**
Mac McMillan, FHIMSS, is president and chief executive officer of CynergisTek, Inc., a top-ranked information security and privacy consulting firm focused on the health care IT industry. He brings nearly 40 years of experience in security and has worked in the health care industry since his retirement from the federal government. McMillan participates on many advisory boards and is recognized as a thought leader in health care IT for his contributions to industry publications and events on compliance, security, and privacy.

**Donna DeBoever, MA, RN-BC**
Director, IT Regulatory Projects
JPS Health Network

**Access, Use, and Security of Electronic Health Records and Other Health Care Technologies**
Donna DeBoever, MA, RN-BC, has more than 50 years of clinical and health care management experience, including more than 14 years of progressive experience in health informatics. Certified in nursing informatics in 2010 (re-certified in 2015), she is the director of IT regulatory projects for the Tarrant County Hospital District (JPS Health Network). In this role, she oversees Meaningful Use, Inpatient Quality Reporting, electronic quality measures (eCQMs), the Joint Commission eCQMs, and the Medicare Access and CHIP Reauthorization Act of 2015 (MACRA)/Medicare Incentive Payments System reporting. She chairs the External Data Governance Committee, which focuses on sharing data with external partners and on access and security for JPS systems. DeBoever chairs the JPS Health Network Meaningful Use/Regulatory Committee that oversees electronic reporting for Centers for Medicare and Medicaid Services programs. She also co-chairs the Student Access Task Force and is a member of several other committees.
Preconferences

Tuesday • July 17, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Preconferences</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 a.m.-12:30 p.m.</td>
<td>Leadership Skills for the New Health Care Organization's Data Steward (4.0 CE)</td>
<td>150</td>
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<tr>
<td></td>
<td>Tamira Harris, PhD, MBA, MSN, CPHQ</td>
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<td>Business Advisor, Change Healthcare</td>
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<tr>
<td>8 a.m.-4:30 p.m.</td>
<td>Mobile Nursing App Prototyping (DIY) (7.0 CE)</td>
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<td>Tony Threatt, PhD, M.Arch</td>
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<td></td>
<td>Senior UX Designer, Health IT, Vanderbilt University Medical Center</td>
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<td></td>
<td>Deborah Ariosto, PhD, MSN, RN-BC</td>
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<td></td>
<td>Director, Nursing Analytics; Clinical Assistant Professor, Nursing, Vanderbilt University Medical Center</td>
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<td>Eun-Shim Nahm, PhD, RN, FAAN</td>
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<td></td>
<td>Professor and Program Director, Nursing Informatics, University of Maryland School of Nursing</td>
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Continuing Education
Participants may receive contact hours upon successful completion of one of these preconference educational activities as indicated.
### Conference Program

The SIIN 2018 Conference Program is color-coded to distinguish the following tracks:

- **Track A (Novice)**  
  Nursing Informatics’ Role Related to Access, Use, and Security of Digital Data and Technologies in Health Care

- **Track B**  
  Large-Scale Disasters and Business Continuity Planning

- **Track C**  
  Key Issues in Data Access, Use, and Security to Include Factors Related to Social Determinants of Health

- **Track D**  
  Cybersecurity in Using Mobile Devices in Health Care Settings

**Designates a Webcast Session**

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### Wednesday • July 18, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Location</th>
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<tbody>
<tr>
<td>7:30-9:30 a.m.</td>
<td>Registration and Continental Breakfast</td>
<td>UMSON Lobby</td>
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<tr>
<td>8-8:45</td>
<td><strong>How to Prepare a Professional Presentation (0.75 CE)</strong></td>
<td>Room 435</td>
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<tr>
<td></td>
<td>Eun-Shim Nahm, PhD, RN, FAAN</td>
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<td>Professor and Program Director, Nursing Informatics, University of Maryland School of Nursing</td>
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<td>8-8:45</td>
<td><strong>Tour of UMSON Living History Museum</strong></td>
<td>UMSON Second Floor Lobby</td>
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<tr>
<td>8:15-8:45</td>
<td><strong>Information Session about UMSON's Master’s Specialty in Nursing Informatics</strong></td>
<td>Room 400</td>
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<tr>
<td>9:00-9:30</td>
<td><strong>Welcome, Opening Remarks, and Presentation of Outstanding Abstract Awards</strong></td>
<td>Room 130</td>
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<tr>
<td></td>
<td>Jane M. Kirschling, PhD, RN, FAAN</td>
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<td>Dean and Professor, University of Maryland School of Nursing</td>
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<td></td>
<td>Charlotte Seckman, PhD, RN-BC-CNE, FAAN</td>
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<td>Associate Professor, Nursing Informatics, and 2018 SIIN Program Chair</td>
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<td>University of Maryland School of Nursing</td>
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<tr>
<td>9:30-10:45</td>
<td><strong>KEYNOTE SPEAKER (1.25 CE)</strong></td>
<td>Room 130</td>
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<td><strong>Real-Life Experiences with Cybersecurity: How to Manage and Mitigate Risks</strong></td>
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<td></td>
<td>Daniel Nigrin, MD, MS</td>
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<td>Senior Vice President and Chief Information Officer, Boston Children’s Hospital</td>
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<td></td>
<td>Assistant Professor of Pediatrics, Harvard Medical School</td>
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<tr>
<td>11-noon</td>
<td><strong>CONCURRENT SESSIONS 1 (1.0 CE)</strong></td>
<td>Room 140</td>
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<tr>
<td>1A</td>
<td><strong>Managing a Capacity Command Center: Learning From the Johns Hopkins Way</strong></td>
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<td>Mary Margaret Jacobs, RN</td>
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<td></td>
<td>Director of Nursing and Capacity Management</td>
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<td>Johns Hopkins Hospital</td>
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<td>Linda Huffman, DNP, RN</td>
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<td>Assistant Director of Central Bed Management</td>
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<td>Johns Hopkins Hospital</td>
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### CONCURRENT SESSIONS 1 (1.0 CE)

**Room 670**

<table>
<thead>
<tr>
<th><strong>Session</strong></th>
<th><strong>Title</strong></th>
<th><strong>Speakers</strong></th>
</tr>
</thead>
</table>
| **1C**      | Background: Social Determinants of Health (SDOH), Electronic Health Records, and Health Outcomes | Marisa Wilson, DNSc, MHSc, RN-BC, CPHIMS, FAAN  
Associate Professor  
University of Alabama  
Paula M. Procter, MSc, RN, PGCE, SFHEA, FBCS, CITP, FIMIANI  
Department of Nursing and Midwifery, Faculty of Health and Wellbeing  
Sheffield Hallam University  
Susan Hull, MSN, RN-BC, NEA-BC  
WellSpring e-Health Consulting |

**Room 150**

<table>
<thead>
<tr>
<th><strong>Session</strong></th>
<th><strong>Title</strong></th>
<th><strong>Speakers</strong></th>
</tr>
</thead>
</table>
| **1D**      | Nursing Informaticians and Cybersecurity: What Do We Need to Know? | Eun-Shim Nahm, PhD, RN, FAAN  
Professor and Program Director, Nursing Informatics  
University of Maryland School of Nursing  
Susan M. Martin, JD, RN, CIPP/G, CPHIMS  
CC Privacy Officer  
Clinical Center, National Institutes of Health  
Darren Lacey, JD, BS  
Chief Information Security Officer  
Johns Hopkins University/Johns Hopkins Medicine  
Michelle C. Lardner, DNP, RN-BC  
Deputy Chief Information Officer, Chief of Clinical Informatics  
Clinical Center, National Institutes of Health |

### Luncheon and Roundtable Discussions (1.0 CE)  
**Hosted by Planning Committee Members**

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<thead>
<tr>
<th><strong>11-noon</strong></th>
<th><strong>1C</strong></th>
<th><strong>1D</strong></th>
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<tbody>
<tr>
<td><strong>Session</strong></td>
<td><strong>Title</strong></td>
<td><strong>Speakers</strong></td>
</tr>
</tbody>
</table>
| 1.         | Marion Ball, EdD  
Patient Engagement in Personal Health Management | 8.         | Virginia Saba, EdD, RN, FACMI, FAAN  
Nursing Terminologies |
| 2.         | Melinda Y. Costin, CHCIO, FHIMSS, CPHIMS  
The New Role of Nurses | 9.         | Rhonda Schoville, PhD, MSBA, RN  
Electronic Health Record (EHR) Implementation and Adoption |
| 3.         | Arpad Kelemen, PhD  
Mobile Health Applications | 10.        | Paula M. Procter, RN, PGCE, MSc, SFHEA, FBCS, CITP, FIMIANI, and  
Marisa Wilson, DNSc, MHSc, RN-BC, FAAN  
EU/U.S. International Competency Harmonization and Health Information Technology Competencies |
| 4.         | Michelle Lardner, DNP, RN-BC  
Patient Portals | 11.        | Charlotte Seckman, PhD, RN-BC, CNE, FAAN  
Health Information Exchange and Prescription Drug Monitoring Program (HIE/PDMP) |
| 5.         | Mary Etta Mills, ScD, RN, NEA-BC, FAAN  
Organizational Issues Related to Informatics | 12.        | Ronald Piscotty Jr., PhD, RN-BC  
Data Visualization |
| 6.         | Eun-Shim Nahm, PhD, RN, FAAN  
Informatics Nurse Specialist Role in Health Care |  |  
 | 7.         | Ernest Opoku-Agyemang, MS, MA, RN  
Becoming an Informatics Nurse: Making the Transition |  |  
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#SINI2018
### 1:30 - 2:30

#### CONCURRENT SESSIONS 2 (1.0 CE)

<table>
<thead>
<tr>
<th>Room 140</th>
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<tbody>
<tr>
<td><strong>2A</strong> Peer-Reviewed Presentations</td>
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<tr>
<td>Nurse Analyst Role in Provisioning User Access in the Digital Age</td>
</tr>
<tr>
<td>Diane Constantine, MSN, RN; Anna Schoenbaum, DNP, RN; and Anna Fernando, MS, RN</td>
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<td>University of Maryland Medical System</td>
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<tr>
<td>The Preceptor Role as a Critical Factor in the Successful Go-Live Readiness and Transition Model</td>
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<tr>
<td>Gwendolyn Holder, MSN, RN-BC</td>
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<td>Vanderbilt University Medical Center</td>
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<tr>
<th>Room 307</th>
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<tbody>
<tr>
<td><strong>2B</strong> Code Yellow: Mission Continuity Planning for Technology Interruptions</td>
</tr>
<tr>
<td>Carrie Stein, MSN, MBA, RN</td>
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<tr>
<td>Director of Clinical Informatics, Johns Hopkins Bayview Medical Center</td>
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<th>Room 670</th>
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<tbody>
<tr>
<td><strong>2C</strong> SDOH Policy Drivers and Implications for Nursing</td>
</tr>
<tr>
<td>Susan Hull MSN, RN-BC, NEA-BC</td>
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<tr>
<td>WellSpring e-Health Consulting</td>
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<tr>
<td><strong>2D</strong> Malware? What Are They and How to Prevent?</td>
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<tr>
<td>Susan M. Martin, JD, RN, CIPP/G, CPHIMS</td>
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<td>CC Privacy Officer, Clinical Center, National Institutes of Health</td>
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<td>Darren Lacey, JD, BS</td>
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<td>Chief Information Security Officer, Johns Hopkins University/Johns Hopkins Medicine</td>
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### 2:45 - 3:45

#### CONCURRENT SESSIONS 3 (1.0 CE)

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<thead>
<tr>
<th>Room 140</th>
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<tbody>
<tr>
<td><strong>3A</strong> Keeping Our Patients’ Information Secure and Confidential. What Does It Really Mean?</td>
</tr>
<tr>
<td>Susan M. Martin, JD, RN, CIPP/G, CPHIMS</td>
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<tr>
<td>CC Privacy Officer, Clinical Center, National Institutes of Health</td>
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<th>Room 307</th>
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<tbody>
<tr>
<td><strong>3B</strong> Peer-Reviewed Presentations</td>
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<tr>
<td>The Unique Challenges of Using Determinants of Health Data Within the Electronic Health Record to Understand Readmissions: A Case Study in Rural Appalachia</td>
</tr>
<tr>
<td>Jennifer Mallow, PhD, FNP-BC; Andrea Bailey, MSN; Karen Clark, MD; and Laurie Theeke, PhD</td>
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<td>West Virginia University</td>
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<tbody>
<tr>
<td><strong>Z Codes: Capturing SDOH Data in Electronic Health Records</strong></td>
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<tr>
<td>Janet Thorlton, PhD, MS, RN, and Diane Iverson, BSN, BS, RN, CCM, ACM</td>
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<tr>
<td>University of Illinois at Chicago College of Nursing</td>
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<th>Time</th>
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<td>2:45</td>
<td>CONCURRENT SESSIONS 3 (1.0 CE)</td>
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<td>Room 150</td>
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<tr>
<td>3C</td>
<td>Patient-Provided and Community-Generated SDOH</td>
<td>Teresa Cullen, MD, MS, Robyn Sterling Eckerling, JD, MPH, Anna Schoenbaum, DNP, RN</td>
<td>Room 670</td>
</tr>
<tr>
<td>3D</td>
<td>Cybersecurity and Health Data/EHR: Perspectives from Clinicians, Patients, and Family</td>
<td>Robyn Sterling Eckerling, JD, MPH, Anna Schoenbaum, DNP, RN</td>
<td>Room 150</td>
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<tr>
<td>4-5</td>
<td>DISTINGUISHED LECTURE (1.0 CE)</td>
<td>Cybersecurity Leadership and Culture in Health Care, Mansur Hasib, CISSP, PMP, CPHIMS</td>
<td>Room 130</td>
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<tr>
<td>5:15</td>
<td>Networking Reception</td>
<td>Dr. Samuel D. Harris National Museum of Dentistry</td>
<td>Museum of Dentistry</td>
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<tr>
<td>7:30-9 a.m.</td>
<td>Poster Setup</td>
<td>UMSON Lobby</td>
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<tr>
<td>7:30-9 a.m.</td>
<td>Registration and Continental Breakfast</td>
<td>UMSON Lobby</td>
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<tr>
<td>8-8:45</td>
<td>Tour of UMSON Living History Museum</td>
<td>UMSON Second Floor Lobby</td>
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<tr>
<td>9-9:15</td>
<td>Greetings and Remarks</td>
<td>Room 130</td>
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<tr>
<td>9:15-10:15</td>
<td><strong>DISTINGUISHED LECTURE (1.0 CE)</strong> Managing Risk Related to Information Security in Health Care</td>
<td>Room 130</td>
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<td>Mac McMillan, F HIMSS</td>
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<td>Chief Executive Officer</td>
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<td>10:30-11:30</td>
<td><strong>CONCURRENT SESSIONS 4 (1.0 CE)</strong></td>
<td>Room 140</td>
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<td></td>
<td><strong>4A</strong> Peer-Reviewed Presentations</td>
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<td></td>
<td>Driving Successful Adoption of New Solutions Into Your Organization</td>
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<td></td>
<td>Lori Trapuzzano, BSN, RN, and Debbie McFarland, BSN, RN</td>
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<td>Change Healthcare</td>
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<td>Clinical Software Risk Management: A Global Vendor Perspective</td>
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<td>Mark Glenny, RN; Chris Hobson, MD; Chris Hobson, MD; and Pauline McLean, RN (NMC)</td>
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<td>Orion Health</td>
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<td><strong>4B</strong> Three Ways to Master Disaster Simulations Without Breaking a Sweat!</td>
<td>Room 304</td>
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<td></td>
<td>Michelle Aebersold, PhD, RN, CHSE, FAAN</td>
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<td>Clinical Associate Professor</td>
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<td></td>
<td>Director of Simulation and Educational Innovation</td>
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<td>University of Michigan School of Nursing</td>
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<td></td>
<td><strong>4C</strong> Providing Services to Address SDOH – Accountable Health Communities and Novel Nurse-Led Innovation Models</td>
<td>Room 670</td>
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<td></td>
<td>Mike Fried</td>
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<td>Chief Information Officer</td>
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<td>Baltimore City Health Department</td>
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<td></td>
<td>Celeste Davis, JD, MPH</td>
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<td>Director, Accountable Health Community</td>
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<td>Baltimore City Health Department</td>
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<td><strong>4D</strong> Is My Organization Ready for a Cybersecurity Threat?</td>
<td>Room 150</td>
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<td></td>
<td>Assessment and Setting Up Plans</td>
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<td></td>
<td>Inhel Rekik, MS</td>
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<td>Director of Health Technology Security</td>
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<td>MedStar Health</td>
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<td>Jon Walter McKeeyby, DSc, MBA, CPHIMS, CPHI</td>
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<tr>
<td>11:45 a.m.-12:45 p.m.</td>
<td><strong>Buffet Lunch and Exhibits</strong></td>
<td>UMSON Lobby</td>
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<tr>
<td>11:45 a.m.-12:45 p.m.</td>
<td><strong>LUNCH AND LEARN</strong> (Sign up at Registration Desk)</td>
<td>SMCCC Ballrooms</td>
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<td><strong>EBSCO Information Services</strong></td>
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<td><strong>The Case Against Just “Googling It” for Medical Evidence</strong></td>
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<td>Medical information sourced via internet search engines can be overwhelming in quantity and of varying quality, causing much time spent to identify useful evidence, if it’s found at all. Alternatively, pre-appraised decision support resources save this precious time since the information’s already been assessed for credibility, allowing clinicians to apply trustworthy information in caring for patients. Learn what research reveals about clinician answer-seeking behavior, use of the internet to search for evidence-based information and the quality of information found, and why EBSCO pre-appraised decision support products, such as Nursing Reference Center Plus and Dynamic Health, should be used instead.</td>
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<td><strong>Surgical Safety Scanner</strong></td>
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<td>Surgical Safety Scanner transforms the care of surgical patients by providing a standardized approach with building trays, inoperative instrument counting, minimizes radiological exams, monitors autoclaving of instruments, provides quality assurance reporting, and reduces surgery costs. The Surgical Safety Scanner Lunch and Learn is a hands-on demonstration of this new enterprise innovation.</td>
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<tr>
<td>12:15-12:45</td>
<td><strong>Information Session about UMSON’s Master’s Specialty in Nursing Informatics</strong></td>
<td>Room 400</td>
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<td>1-2</td>
<td><strong>CONCURRENT SESSIONS 5  (1.0 CE)</strong></td>
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</table>
|              | **5A**  
|              | **A Techie Nurse in DoD Health IT: A Vendor Perspective**            | Room 140          |
|              | **Nikole L. Farmer, MSN, RN, PMP**                                   |                   |
|              | Program Manager                                                       |                   |
|              | Designated Provider Data Support Program                              |                   |
|              | **5B**  
|              | **Peer-Reviewed Presentations**                                      | Room 304          |
|              | **Challenges Securing Mobile Devices in the Post-Acute Setting**     |                   |
|              | **Andrew Awoniyi, ND, RN-BC, CDE**                                   |                   |
|              | **Axxess**                                                            |                   |
|              | **Effective and Efficient Anonymization of Health-Related Physical Activity Data** |                   |
|              | **Pooja Parameshwarappa, MTech; Zhiyuan Chen, PhD; and Gunes Koru, PhD** |                   |
|              | **University of Maryland, Baltimore County**                          |                   |
|              | **5C**  
<p>|              | <strong>Privacy, Security, and Ethical Concerns Impeding Cross-Sector Collaboration</strong> | Room 670          |
|              | <strong>Deven McGraw, JD, MPH, LLM</strong>                                       |                   |
|              | Chief Regulatory Officer, Citizen                                     |                   |
|              | Former Deputy Director for Health Information Privacy                 |                   |
|              | U.S. Department of Health and Human Services Office for Civil Rights  |                   |</p>
<table>
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<tr>
<th>Time</th>
<th>Session Description</th>
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<tr>
<td>2:15-3:15</td>
<td>Poster Session (1.0 CE)</td>
<td>UMSON Lobby</td>
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<td>2:15-3:15</td>
<td>Exhibits</td>
<td>UMSON Lobby</td>
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<td>3:30-4:30</td>
<td>CONCURRENT SESSIONS 6  (1.0 CE)</td>
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<tr>
<td>6A</td>
<td>Peer-Reviewed Presentations</td>
<td>Room 140</td>
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<td></td>
<td>The Security Informatics Nurse Specialist Role</td>
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<td>Claribel Sawyerr, MSN/MPH, RN-BC; Susan Martin, JD, RN, CIPP/G, CPHIMS; and</td>
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<td>Kim Stevens, MSN, RN</td>
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<td>National Institutes of Health</td>
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<td>Achieving Information Security in Health Care Information Systems:</td>
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<td></td>
<td>An Essential Challenge for the Future of Nursing Informatics</td>
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<td>Urmita Banerjee, BTech; Prashansa Rao, MS; Pratik Tamakuwala, BE; and Gunes Koru, PhD</td>
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<td></td>
<td>University of Maryland, Baltimore County</td>
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<tr>
<td>6B</td>
<td>Worst-Case Scenario: Nursing Informatics Impact on a System Disaster Management Strategy</td>
<td>Room 304</td>
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<td>Mary Beth Mitchell, MSN, RN, BC, CPHIMS, CNIO; and Joni Padden, DNP, APRN, BC, CPHIMS</td>
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<td>Texas Health Resources</td>
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<td>6C</td>
<td>Exploring SDOH Tools and Implications for Care Planning</td>
<td>Room 670</td>
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<td></td>
<td>Sharon Hewner, PhD, RN</td>
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<td>Associate Professor</td>
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<td>University of New York at Buffalo School of Nursing</td>
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<td>Lynn Choromanski, PhD, RN</td>
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<td>Clinical Informaticist</td>
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<td>Minnesota Visiting Nurse Association/ Hennepin County Medical Center</td>
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<td><strong>Research Podium Award Winner</strong></td>
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</table>
### Registration and Hot, Healthy Breakfast

**Location:** UMSON Lobby

**Time:** 7:30-8:15 a.m.

**Event:** DISTINGUISHED LECTURE (1.25 CE)

**Title:** Data Governance from a Nursing Informatics Perspective

**Speaker:** Donna DeBoever, MA, RN-BC

**Affiliation:** Director, Information Technology Regulatory Projects, JPS Health Network

**Room:** Room 130

### Concurrent Sessions 6 (1.0 CE)

**Session 6D:**

**Title:** Building a Security Management Plan for Networked Mobile Devices

**Note:** This is an active learning session.

**Speakers:**

- Inhel Rekik, MS
  - Director of Health Technology Security
  - MedStar Health

- Jon Walter McKeenby, DSc, MBA, CPHIMS, CPHI
  - Chief Information Officer
  - Clinical Center, National Institutes of Health

**Room:** Room 150

### Concurrent Sessions 7 (1.0 CE)

**Session 7A:**

**Title:** Panel Discussion: Sharing Our Experiences: Our Path, Our Journey

**Speakers:**

- Nikole L. Farmer, MSN, RN, PMP
  - Program Manager
  - Designated Provider Data Support Program

- Mary Margaret Jacobs, RN
  - Director of Nursing and Capacity Management
  - Johns Hopkins Hospital

- Linda Huffman, DNP, RN
  - Assistant Director of Central Bed Management
  - Johns Hopkins Hospital

**Room:** Room 307

### Friday • July 20, 2018

**7:30-8:15 a.m.**

**Registration and Hot, Healthy Breakfast**

**Location:** UMSON Lobby

**8:30-9:45**

**DISTINGUISHED LECTURE (1.25 CE)**

**Title:** Data Governance from a Nursing Informatics Perspective

**Speaker:** Donna DeBoever, MA, RN-BC

**Affiliation:** Director, Information Technology Regulatory Projects, JPS Health Network

**Room:** Room 130

**10-11**

**Concurrent Sessions 7 (1.0 CE)**

**Session 7A**

**Title:** Panel Discussion: Sharing Our Experiences: Our Path, Our Journey

**Speakers:**

- Nikole L. Farmer, MSN, RN, PMP
  - Program Manager
  - Designated Provider Data Support Program

- Mary Margaret Jacobs, RN
  - Director of Nursing and Capacity Management
  - Johns Hopkins Hospital

- Linda Huffman, DNP, RN
  - Assistant Director of Central Bed Management
  - Johns Hopkins Hospital

**Room:** Room 307

**Session 7B**

**Title:** From Frontline to the Executive Office: Disaster Planning That Works

**Speakers:**

- Barbara R. Medvec, DNP, RN, NEA-BC
  - Assistant Clinical Professor, Department of Systems, Populations, and Leadership
  - University of Michigan School of Nursing

- Kate Gosselin, DNP, RN, CEN
  - Director of Inpatient Services, Spectrum Health
  - Adjunct Clinical Professor, Department of Systems, Populations, and Leadership
  - University of Michigan School of Nursing

**Room:** Room 304

### Spirit of Baltimore Cruise

**Time:** 6:30-9:30

**Learn more on Page 5.**
### CONCURRENT SESSIONS 7 (1.0 CE)

| Room 670 | **7C**  
|----------|---------------------------------|
| **An International Perspective and Track Closure**  
Marisa Wilson, DNSc, MHSc, RN-BC, CPHIMS, FAAN  
Associate Professor  
University of Alabama  
Paula M Procter, MSc, RN, PGCE, SFHEA, FBCS, CITP, FIMIANI  
Department of Nursing and Midwifery, Faculty of Health and Wellbeing  
Sheffield Hallam University  
|  

| Room 150 | **7D**  
|----------|---------------------------------|
| **Cybersecurity Summing Up! Simulation Exercise and Future Direction**  
Eun-Shim Nahm, PhD, RN, FAAN  
Professor and Program Director, Nursing Informatics  
University of Maryland School of Nursing  
Darren Lacey, JD, BS  
Chief Information Security Officer  
Johns Hopkins University/Johns Hopkins Medicine  
Michelle C. Lardner, DNP, RN-BC  
Deputy Chief Information Officer  
Chief of Clinical Informatics  
Clinical Center, National Institutes of Health  
Susan M. Martin, JD, RN, CIPP/G, CPHIMS  
CC Privacy Officer  
Clinical Center, National Institutes of Health  
|  

| Room 130 | **ENDNOTE ADDRESS (1.25 CE)**  
|----------|---------------------------------|
| **Mission Continuity: Building Resilience Against Unplanned Service Interruptions**  
Stephanie S. Poe, DNP, MScN, RN-BC  
Chief Nursing Information Officer  
Senior Director of Nursing, Quality and Informatics  
Johns Hopkins Hospital/Johns Hopkins Health System  
|  

| Room 130 | **Closing Remarks and Announcement of People’s Choice Award**  
|----------|---------------------------------|
| **Charlotte Seckman, PhD, RN-BC, CNE, FAAN**  
Associate Professor, Nursing Informatics  
2018 SINI Program Chair  
University of Maryland School of Nursing  
|
Be sure to cast your vote for the People’s Choice Poster Award!
Turn in the ballot you received during registration by 11 a.m. Friday to the registration desk.

1. **An Electronic Nursing Workload and Resource Methodology**
   Virginia Saba, EdD, RN, FACMI, FAAN

2. **Developing Nurse Educators to Teach in Online Learning Environments**
   Carol O’Neil, RN, PhD, CNE

3. **Development and Usability Testing of a Physical Activity Mobile App for Hematopoietic Stem Cell Transplant Patients - A Pilot Study**
   Shannon Cerbas, BSN, RN
   Arpad Kelemen, PhD
   Yulan Liang, PhD
   Adam Czank, BS
   Cecilia Sik-Lanyi, PhD
   Elizabeth Scala, MSN/MBA, RN
   Barbara Van de Castle, PhD

4. **Evaluation of Informatics Competencies in an Undergraduate Nursing Curriculum**
   Charlotte Seckman, PhD, RN-BC, CNE, FAAN

5. **Health Data Breaches: Examining Trends Using Tableau**
   Marisa Sileo, MS, RN

6. **Houston Strong: Preparation and Communication Through Unforeseen Adversities**
   Gemma Cooksey, BSN, OCN, RN

7. **Identifying the Challenges and Opportunities for Collaborative Data Quality Improvement in Health Care Organizations**
   Urmita Banerjee, BE
   Pratik Tamakuwala, BE
   Gunas Koru, PhD
   Lisa Shulman, MD

8. **Interprofessional Plans of Care: A New Approach at Holy Cross Health**
   Christine M. Soto, BSN, RN, C-EFM
   Emily McCray, MSN, RN-BC

9. **Imbedded Support Model - The Role of a Customer Care Specialist in the Implementation of a New Electronic Medical Record**
   Jill Bey, RN

10. **Managing Mobile Phone Risks**
    Shawna Lewis, MSN, RN
    Deborah Ariosto, PhD, MSN, RN-BC
    Heather Knott, BSN, RN

11. **Older Adults’ Experience Using Patient Portals in Communities: Challenges and Opportunities**
    Hyojin Son, MS, RN

12. **Patient Portal Use Among Older Adults: What Is Really Happening Nationwide?**
    Eun-Shim Nahm, PhD, RN, FAAN

13. **Post-Traumatic Growth: How Do We Get There From Here?**
    Deann Isherwood, BSN, RN

14. **Providing Patient Care Supplies During an IT Outage**
    Colleen Cusick, DNP, ACNS, OCN, RN
    Alex Webb, MBA
    Michael Geier, MBA
    Daniel Phelps
    Lokesh Krishnappa
    Dow Weeks
    Michael Mohn
    Virginia Saba, EdD, RN, FACMI, FAAN
    Luann Whittenburg, PhD, RN, FNP, FAAN
    Patricia Dykes, PhD, RN, FACMI, FAAN

15. **Social Group Messaging in Electronic Health Record Implementation**
    Barb Van de Castle, DNP, ACNS, OCN, RN-BC

16. **The Effect of an Education Intervention on Factors Predicting Student Mastery of an Informatics Competency for Vulnerable Populations**
    Barbara Kupferschmid, PhD, MSN, RN
    Connie Creech, EdD, MSN, RN, ANP-BC
    Marsha Lesley, PhD, MLIS
    Karen Drenkard, PhD, RN, NEA-BC, FAAN
We are grateful for the generous support of our SINI 2018 sponsors.

SINI 2018 Sponsors and Exhibitors

Sustaining Donor

UNIVERSITY OF MARYLAND MEDICAL SYSTEM

Keynote Speaker

22 S. Greene St.
Baltimore, MD 21201

Distinguished Lecture

Sigma Pi Chapter

Charlotte Seckman, President
seckman@umaryland.edu
University of Maryland School of Nursing
655 W. Lombard St.
Baltimore, MD 21201

Lunch and Learn Sessions

Surgical Safety Scanner, Inc.
Fred Schoville
freds@surgicalscanner.com
111 Summit St.
Brighton, MI 48116

EBSCO Information Services
Jackie Skeith
jskeith@ebsco.com
12 Exeter Falls Drive
Exeter, NH 03833

Exhibitors

American Nursing Informatics Association (ANIA)
Tom Greene
ania@ajj.com
E. Holly Ave., Box 56
Pitman, NJ 08094

University of Maryland Bookstore
Suzanne Galinsky
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The Clinical Care Classification (CCC) System
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Thank You

On behalf of the 2018 Planning Committee for the Summer Institute for Nursing Informatics at the University of Maryland School of Nursing, thank you to the speakers, volunteers, staff, faculty, sponsors, participants, and attendees for continuing to make SINI such a high-quality program. Known for providing unique networking opportunities with experts and leaders in informatics, we hope SINI introduced you to innovations leading and supporting practice transformation.

We hope you have thoroughly enjoyed your experience and are looking forward to next year’s program.
**Frank & Nick’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 St.

**Luna del Sea Steak & Seafood**
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 St.

**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 Greene Street. Continue one block and turn right onto West Pratt Street. The cafe is located at 713 W. Pratt St.

**Penn & Pratt 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. Penn & Pratt Restaurant is located on the corner of Penn Street and Pratt Street, at 663 W. Pratt St.

**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 St. is on the right (located in the Greenehouse Apartments building).

**University of Maryland Medical Center (Cafeteria)**
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 to enter the hospital.

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**Enjoy Local Dining**

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**Nursing**

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**IT Innovation**

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**Be a part of something greater**

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**Thank you**, nursing informaticists, for advancing patient care through technology innovation. We salute you for your service to patients, to our health care organizations, and to the nursing informatics community.

Connect to something greater at [umms.org](http://umms.org).
SINI 2019
29th Summer Institute in Nursing Informatics

Healthcare Informatics: A Catalyst for Value-Driven Care Transitions

SAVE THE DATES
Preconferences: July 16, 2019
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Wednesday, July 18 | 8:15-8:45 a.m.
Thursday, July 19 | 12:15-12:45 p.m.

The University of Maryland School of Nursing’s Nursing Informatics master’s specialty prepares you to improve patient care and outcomes by:

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