

SINI 2018

28th Summer Institute in Nursing Informatics



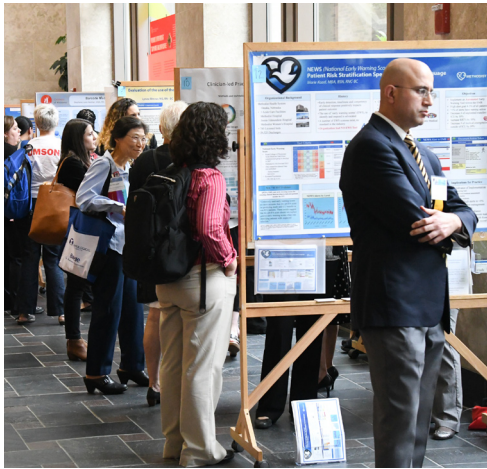
BALANCING DIGITAL DEMANDS:
ACCESS, USE, SECURITY

JULY 18-20, 2018
PRECONFERENCES: JULY 17, 2018

CONFERENCE PROGRAM

nursing.umaryland.edu/sini





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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

Welcome to SINI 2018!

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

CONFERENCE OVERVIEW AND OBJECTIVES

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.

ATTENDEE INFORMATION

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: SMCCConf

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.

CONFERENCE PLANNING COMMITTEE

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.



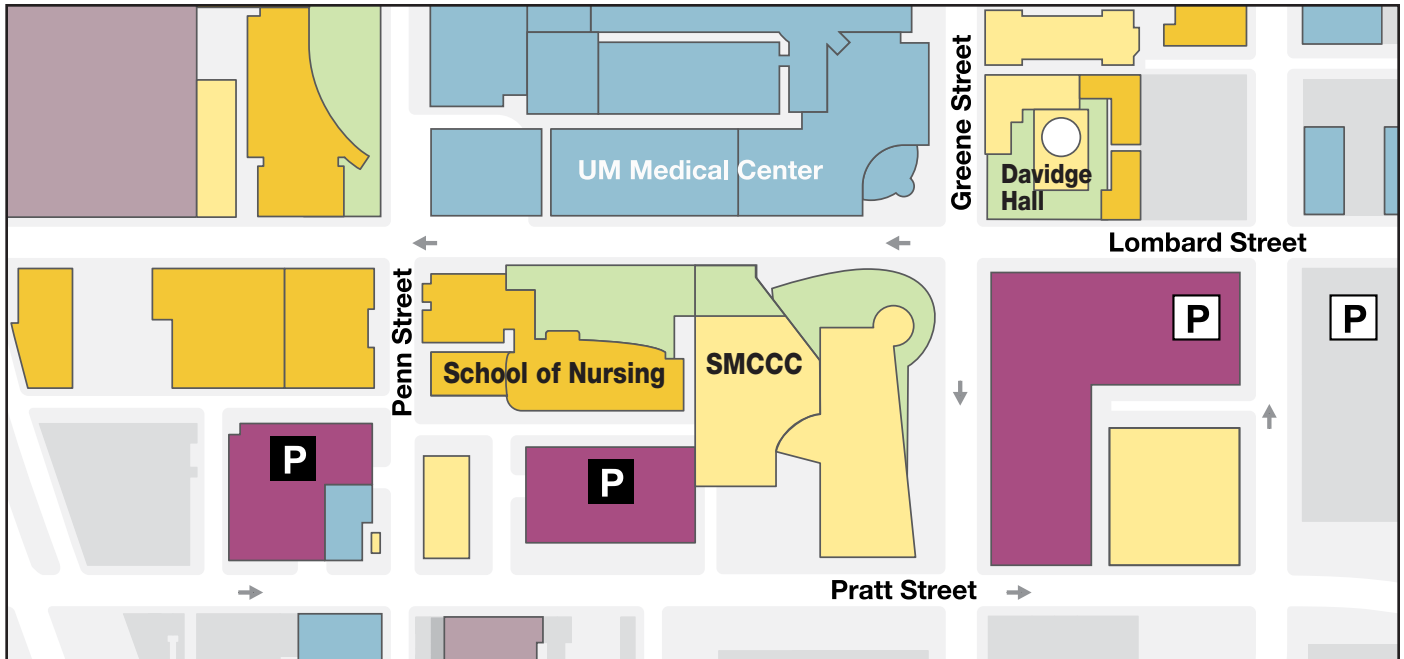
DONNA DEBOEVER, MA, RN-BC

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.

SCHOOL OF NURSING CAMPUS MAP



PRECONFERENCES

TUESDAY • JULY 17, 2018

Preconferences		
8 a.m.-12:30 p.m.	<p>Leadership Skills for the New Health Care Organization's Data Steward (4.0 CE) Tamira Harris, PhD, MBA, MSN, CPHQ Business Advisor, Change Healthcare</p>	Room 150
8 a.m.-4:30 p.m.	<p>Mobile Nursing App Prototyping (DIY) (7.0 CE) Tony Threatt, PhD, M.Arch Senior UX Designer, Health IT, Vanderbilt University Medical Center</p> <p>Deborah Ariosto, PhD, MSN, RN-BC Director, Nursing Analytics; Clinical Assistant Professor, Nursing, Vanderbilt University Medical Center</p> <p>Eun-Shim Nahm, PhD, RN, FAAN Professor and Program Director, Nursing Informatics, University of Maryland School of Nursing</p>	Room 245

Continuing Education

Participants may receive contact hours upon successful completion of one of these preconference educational activities as indicated.

CONFERENCE PROGRAM

The SINI 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

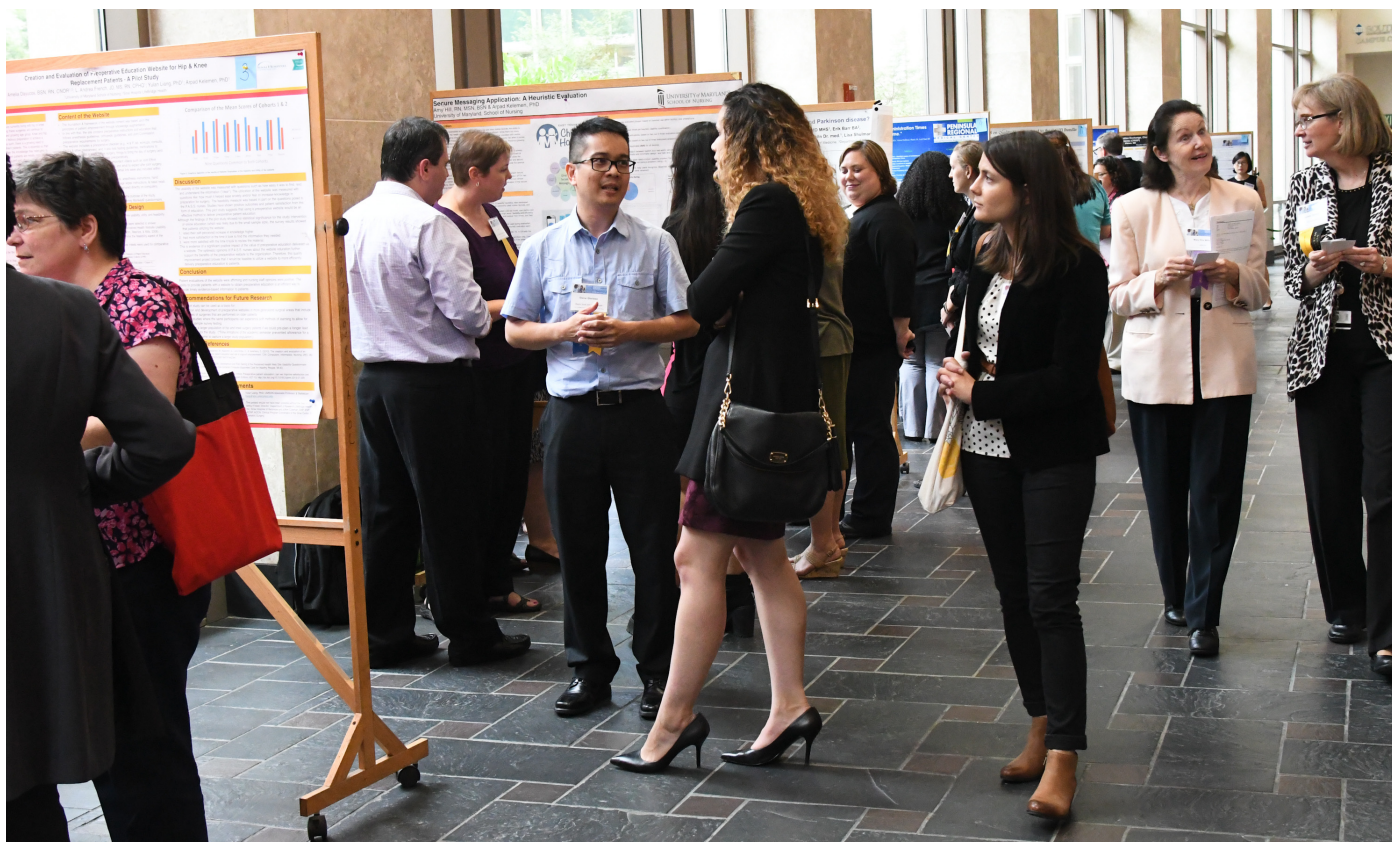
WEDNESDAY • JULY 18, 2018

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



11-noon	CONCURRENT SESSIONS 1 (1.0 CE)															
	<p>1B Peer-Reviewed Presentations</p> <p>The Nurse Informaticist's Role in Disaster Planning, Response, Recovery and Mitigation Terry Lockhart, MS, RN VCU Health System</p> <p>Engaging All System Stakeholders in Preparing for Large-Scale Disasters and Business Continuity Planning Teresa Niblett, MS, RN, RN-BC, and Vickie Elliot, BSN Peninsula Regional Health System</p>	Room 307														
	<p>1C</p> <p>Background: Social Determinants of Health (SDOH), Electronic Health Records, and Health Outcomes</p> <p>Marisa Wilson, DNSc, MHSc, RN-BC, CPHIMS, FAAN Associate Professor University of Alabama</p> <p>Paula M. Procter, MSc, RN, PGCE, SFHEA, FBCS, CITP, FIMIANI Department of Nursing and Midwifery, Faculty of Health and Wellbeing Sheffield Hallam University</p> <p>Susan Hull, MSN, RN-BC, NEA-BC WellSpring e-Health Consulting</p>	Room 670														
	<p>1D</p> <p>W Nursing Informaticians and Cybersecurity: What Do We Need to Know?</p> <p>Eun-Shim Nahm, PhD, RN, FAAN Professor and Program Director, Nursing Informatics University of Maryland School of Nursing</p> <p>Susan M. Martin, JD, RN, CIPP/G, CPHIMS CC Privacy Officer Clinical Center, National Institutes of Health</p> <p>Darren Lacey, JD, BS Chief Information Security Officer Johns Hopkins University/Johns Hopkins Medicine</p> <p>Michelle C. Lardner, DNP, RN-BC Deputy Chief Information Officer, Chief of Clinical Informatics Clinical Center, National Institutes of Health</p>	Room 150														
noon-1:15 p.m.	Luncheon and Roundtable Discussions (1.0 CE) <i>Hosted by Planning Committee Members</i>															
	<table border="0"> <tr> <td data-bbox="402 1423 808 1503"> <p>1. Marion Ball, EdD Patient Engagement in Personal Health Management</p> </td> <td data-bbox="834 1423 1279 1478"> <p>8. Virginia Saba, EdD, RN, FACMI, FAAN Nursing Terminologies</p> </td> </tr> <tr> <td data-bbox="402 1516 808 1591"> <p>2. Melinda Y. Costin, CHCIO, FHIMSS, CPHIMS The New Role of Nurses</p> </td> <td data-bbox="834 1491 1279 1566"> <p>9. Rhonda Schoville, PhD, MSBA, RN Electronic Health Record (EHR) Implementation and Adoption</p> </td> </tr> <tr> <td data-bbox="402 1604 808 1654"> <p>3. Arpad Kelemen, PhD Mobile Health Applications</p> </td> <td data-bbox="834 1583 1279 1743"> <p>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</p> </td> </tr> <tr> <td data-bbox="402 1667 808 1717"> <p>4. Michelle Lardner, DNP, RN-BC Patient Portals</p> </td> <td data-bbox="834 1755 1279 1860"> <p>11. Charlotte Seckman, PhD, RN-BC, CNE, FAAN Health Information Exchange and Prescription Drug Monitoring Program (HIE/PDMP)</p> </td> </tr> <tr> <td data-bbox="402 1730 808 1801"> <p>5. Mary Etta Mills, ScD, RN, NEA-BC, FAAN Organizational Issues Related to Informatics</p> </td> <td data-bbox="834 1873 1279 1927"> <p>12. Ronald Piscotty Jr., PhD, RN-BC Data Visualization</p> </td> </tr> <tr> <td data-bbox="402 1814 808 1890"> <p>6. Eun-Shim Nahm, PhD, RN, FAAN Informatics Nurse Specialist Role in Health Care</p> </td> <td></td> </tr> <tr> <td data-bbox="402 1902 808 1978"> <p>7. Ernest Opoku-Agyemang, MS, MA, RN Becoming an Informatics Nurse: Making the Transition</p> </td> <td></td> </tr> </table>	<p>1. Marion Ball, EdD Patient Engagement in Personal Health Management</p>	<p>8. Virginia Saba, EdD, RN, FACMI, FAAN Nursing Terminologies</p>	<p>2. Melinda Y. Costin, CHCIO, FHIMSS, CPHIMS The New Role of Nurses</p>	<p>9. Rhonda Schoville, PhD, MSBA, RN Electronic Health Record (EHR) Implementation and Adoption</p>	<p>3. Arpad Kelemen, PhD Mobile Health Applications</p>	<p>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</p>	<p>4. Michelle Lardner, DNP, RN-BC Patient Portals</p>	<p>11. Charlotte Seckman, PhD, RN-BC, CNE, FAAN Health Information Exchange and Prescription Drug Monitoring Program (HIE/PDMP)</p>	<p>5. Mary Etta Mills, ScD, RN, NEA-BC, FAAN Organizational Issues Related to Informatics</p>	<p>12. Ronald Piscotty Jr., PhD, RN-BC Data Visualization</p>	<p>6. Eun-Shim Nahm, PhD, RN, FAAN Informatics Nurse Specialist Role in Health Care</p>		<p>7. Ernest Opoku-Agyemang, MS, MA, RN Becoming an Informatics Nurse: Making the Transition</p>		SMCCC Ballroom
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<p>7. Ernest Opoku-Agyemang, MS, MA, RN Becoming an Informatics Nurse: Making the Transition</p>																



1:30 - 2:30	CONCURRENT SESSIONS 2 (1.0 CE)	
	<p>2A Peer-Reviewed Presentations</p> <p>Nurse Analyst Role in Provisioning User Access in the Digital Age Diane Constantine, MSN, RN; Anna Schoenbaum, DNP, RN; and Anna Fernando, MS, RN University of Maryland Medical System</p> <p>The Preceptor Role as a Critical Factor in the Successful Go-Live Readiness and Transition Model Gwendolyn Holder, MSN, RN-BC Vanderbilt University Medical Center</p>	Room 140
	<p>2B</p> <p>W Code Yellow: Mission Continuity Planning for Technology Interruptions Carrie Stein, MSN, MBA, RN Director of Clinical Informatics, Johns Hopkins Bayview Medical Center</p>	Room 307
	<p>2C</p> <p>SDOH Policy Drivers and Implications for Nursing Susan Hull MSN, RN-BC, NEA-BC WellSpring e-Health Consulting</p>	Room 670
2:45 - 3:45	CONCURRENT SESSIONS 3 (1.0 CE)	
	<p>3A</p> <p>Keeping Our Patients' Information Secure and Confidential. What Does It Really Mean? Susan M. Martin, JD, RN, CIPP/G, CPHIMS CC Privacy Officer Clinical Center, National Institutes of Health</p>	Room 140
	<p>3B Peer-Reviewed Presentations</p> <p>The Unique Challenges of Using Determinants of Health Data Within the Electronic Health Record to Understand Readmissions: A Case Study in Rural Appalachia Jennifer Mallow, PhD, FNP-BC; Andrea Bailey, MSN; Karen Clark, MD; and Laurie Theeke, PhD West Virginia University</p> <p>.....</p> <p>Z Codes: Capturing SDOH Data in Electronic Health Records Janet Thorton, PhD, MS, RN, and Diane Iverson, BSN, BS, RN, CCM, ACM University of Illinois at Chicago College of Nursing</p> <p> Practice Podium Award Winner</p> <p>.....</p>	Room 307

2:45 - 3:45	<p>CONCURRENT SESSIONS 3 (1.0 CE)</p> <p>3C</p> <p>Patient-Provided and Community-Generated SDOH Teresa Cullen, MD, MS Associate Director, Global Health Informatics Regenstrief Institute</p> <p>3D</p> <p>W Cybersecurity and Health Data/EHR: Perspectives from Clinicians, Patients, and Family Robyn Sterling Eckerling, JD, MPH Chief Privacy and Security Counsel Allscripts</p> <p>Anna Schoenbaum, DNP, RN Director of Information Technology, Information Technology Group University of Maryland Medical System (UMMS)</p>	Room 670
4-5	<p>DISTINGUISHED LECTURE (1.0 CE)</p> <p>Cybersecurity Leadership and Culture in Health Care 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</p>	Room 130
5:15-7:15	<p>Networking Reception Dr. Samuel D. Harris National Museum of Dentistry 31 S. Greene St., Baltimore, MD 21201</p>	Museum of Dentistry



THURSDAY • JULY 19, 2018

7:30-9 a.m.	Poster Setup	UMSON Lobby
7:30-9 a.m.	Registration and Continental Breakfast	UMSON Lobby
8-8:45	Tour of UMSON Living History Museum	UMSON Second Floor Lobby
9-9:15	Greetings and Remarks	Room 130
9:15-10:15	DISTINGUISHED LECTURE (1.0 CE)  Managing Risk Related to Information Security in Health Care Mac McMillan, FHIMSS Chief Executive Officer CynergisTek Inc.	Room 130
10:30-11:30	CONCURRENT SESSIONS 4 (1.0 CE) 4A Peer-Reviewed Presentations Driving Successful Adoption of New Solutions Into Your Organization Lori Trapuzzano, BSN, RN, and Debbie McFarland, BSN, RN Change Healthcare Clinical Software Risk Management: A Global Vendor Perspective Mark Glenny, RN; Chris Hobson, MD; Chris Hobson, MD; and Pauline McLean, RN (NMC) Orion Health	Room 140
	4B Three Ways to Master Disaster Simulations Without Breaking a Sweat! Michelle Aebersold, PhD, RN, CHSE, FAAN Clinical Associate Professor Director of Simulation and Educational Innovation University of Michigan School of Nursing	Room 304
	4C Providing Services to Address SDOH – Accountable Health Communities and Novel Nurse-Led Innovation Models Mike Fried Chief Information Officer Baltimore City Health Department Celeste Davis, JD, MPH Director, Accountable Health Community Baltimore City Health Department	Room 670
	4D  Is My Organization Ready for a Cybersecurity Threat? Assessment and Setting Up Plans Inhel Rekik, MS Director of Health Technology Security MedStar Health Jon Walter McKeeby, DSc, MBA, CPHIMS, CPHI Chief Information Officer Clinical Center, National Institutes of Health	Room 150

11:45 a.m.-12:45 p.m.	Buffet Lunch and Exhibits	UMSON Lobby
11:45 a.m.-12:45 p.m.	<p>LUNCH AND LEARN (Sign up at Registration Desk)</p> <p>EBSCO Information Services</p> <p>The Case Against Just “Googling It” for Medical Evidence</p> <p>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.</p>  <p>Surgical Safety Scanner</p> <p>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.</p> 	SMCCC Ballrooms
12:15-12:45	Information Session about UMSON’s Master’s Specialty in Nursing Informatics	Room 400
1-2	CONCURRENT SESSIONS 5 (1.0 CE)	
	<p>5A</p> <p>A Techie Nurse in DoD Health IT: A Vendor Perspective</p> <p>Nikole L. Farmer, MSN, RN, PMP Program Manager Designated Provider Data Support Program</p>	Room 140
	<p>5B Peer-Reviewed Presentations</p> <p>Challenges Securing Mobile Devices in the Post-Acute Setting</p> <p>Andrew Awoniyi, ND, RN-BC, CDE Axxess</p> <p>Effective and Efficient Anonymization of Health-Related Physical Activity Data</p> <p>Pooja Parameshwarappa, MTech; Zhiyuan Chen, PhD; and Gunes Koru, PhD University of Maryland, Baltimore County</p>	Room 304
	<p>5C</p> <p>Privacy, Security, and Ethical Concerns Impeding Cross-Sector Collaboration</p> <p>Deven McGraw, JD, MPH, LLM Chief Regulatory Officer, Citizen Former Deputy Director for Health Information Privacy U.S. Department of Health and Human Services Office for Civil Rights</p>	Room 670

1-2	<p>CONCURRENT SESSIONS 5 (1.0 CE)</p> <p>5D</p> <p>W Prevailing Strategies to Protect Cybersecurity: Lessons from Four Health Care Organizations</p> <p>Darren Lacey, JD, BS Chief Information Security Officer Johns Hopkins University/Johns Hopkins Medicine</p> <p>Inhel Rekik, MS Director of Health Technology Security MedStar Health</p> <p>Kevin D. Crain, MSc, CISSP, CISM Senior Director, Information Technology Security Chief Information Security Officer UMMS Information Services and Technology</p> <p>Jon Walter McKeeby, DSc, MBA, CPHIMS, CPHI Chief Information Officer Clinical Center, National Institutes of Health</p>	Room 150
2:15-3:15	Poster Session (1.0 CE)	UMSON Lobby
2:15-3:15	Exhibits	UMSON Lobby
3:30-4:30	<p>CONCURRENT SESSIONS 6 (1.0 CE)</p> <p>6A Peer-Reviewed Presentations</p> <p>The Security Informatics Nurse Specialist Role Claribel Sawyerr, MSN/MPH, RN-BC; Susan Martin, JD, RN, CIPP/G, CPHIMS; and Kim Stevens, MSN, RN National Institutes of Health</p> <p>.....</p> <p>Achieving Information Security in Health Care Information Systems: An Essential Challenge for the Future of Nursing Informatics Urmita Banerjee, BTEch; Prashansa Rao, MS; Pratik Tamakuwala, BE; and Gunes Koru, PhD University of Maryland, Baltimore County</p> <p></p> <p>.....</p> <p>6B</p> <p>Worst-Case Scenario: Nursing Informatics Impact on a System Disaster Management Strategy Mary Beth Mitchell, MSN, RN, BC, CPHIMS, CNIO; and Joni Padden, DNP, APRN, BC, CPHIMS Texas Health Resources</p> <p>6C</p> <p>Exploring SDOH Tools and Implications for Care Planning Sharon Hewner, PhD, RN Associate Professor University of New York at Buffalo School of Nursing</p> <p>Lynn Choromanksi, PhD, RN Clinical Informaticist Minnesota Visiting Nurse Association/ Hennepin County Medical Center</p>	<p>Room 140</p> <p>Room 304</p> <p>Room 670</p>

3:30-4:30	CONCURRENT SESSIONS 6 (1.0 CE)	
	<p>6D</p> <p>Building a Security Management Plan for Networked Mobile Devices This is an active learning session.</p> <p>Inhel Rekik, MS Director of Health Technology Security MedStar Health</p> <p>Jon Walter McKeeby, DSc, MBA, CPHIMS, CPHI Chief Information Officer Clinical Center, National Institutes of Health</p>	Room 150
4:45-5	Tour of Standardized Patient Program Labs (8 people only)	UMSON Second Floor Lobby
5-5:15	Tour of Standardized Patient Program Labs (8 people only)	UMSON Second Floor Lobby
6:30-9:30	Spirit of Baltimore Cruise	Learn more on Page 5.

FRIDAY • JULY 20, 2018

7:30-8:15 a.m.	Registration and Hot, Healthy Breakfast	UMSON Lobby
8:30-9:45	<p>DISTINGUISHED LECTURE (1.25 CE)</p> <p>W Data Governance from a Nursing Informatics Perspective</p> <p>Donna DeBoever, MA, RN-BC Director, Information Technology Regulatory Projects JPS Health Network</p>	Room 130
10-11	CONCURRENT SESSIONS 7 (1.0 CE)	
	<p>7A</p> <p>Panel Discussion: Sharing Our Experiences: Our Path, Our Journey</p> <p>Nikole L. Farmer, MSN, RN, PMP Program Manager Designated Provider Data Support Program</p> <p>Mary Margaret Jacobs, RN Director of Nursing and Capacity Management Johns Hopkins Hospital</p> <p>Linda Huffman, DNP, RN Assistant Director of Central Bed Management, Johns Hopkins Hospital</p>	Room 307
	<p>7B</p> <p>From Frontline to the Executive Office: Disaster Planning That Works</p> <p>Barbara R. Medvec, DNP, RN, NEA-BC Assistant Clinical Professor, Department of Systems, Populations, and Leadership University of Michigan School of Nursing</p> <p>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</p>	Room 304

10-11	CONCURRENT SESSIONS 7 (1.0 CE)	
	<p>7C</p> <p>An International Perspective and Track Closure Marisa Wilson, DNSc, MHSc, RN-BC, CPHIMS, FAAN Associate Professor University of Alabama</p> <p>Paula M Procter, MSc, RN, PGCE, SFHEA, FBCS, CITP, FIMIANI Department of Nursing and Midwifery, Faculty of Health and Wellbeing Sheffield Hallam University</p>	Room 670
	<p>7D</p> <p>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</p> <p>Darren Lacey, JD, BS Chief Information Security Officer Johns Hopkins University/Johns Hopkins Medicine</p> <p>Michelle C. Lardner, DNP, RN-BC Deputy Chief Information Officer Chief of Clinical Informatics Clinical Center, National Institutes of Health</p> <p>Susan M. Martin, JD, RN, CIPP/G, CPHIMS CC Privacy Officer Clinical Center, National Institutes of Health</p>	Room 150
11:15 a.m.-12:30 p.m.	<p>ENDNOTE ADDRESS (1.25 CE)</p> <p>W 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</p>	Room 130
12:30-1	<p>W 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</p>	Room 130

POSTER SESSION

*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



Research Poster Award Winner

7. Identifying the Challenges and Opportunities for Collaborative Data Quality Improvement in Health Care Organizations

Urmita Banerjee, BE

Pratik Tamakuwala, BE

Gunes 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



Practice Poster Award Winner

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, MBA, 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

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Keynote Speaker



22 S. Greene St.
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Distinguished Lecture



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
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111 Summit St.
Brighton, MI 48116



EBSCO Information Services

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Exhibitors

American Nursing Informatics Association (ANIA)

Tom Greene
ania@ajj.com
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Pitman, NJ 08094

University of Maryland Bookstore

Suzanne Galinsky
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Baltimore, MD 21201

The Clinical Care Classification (CCC) System

Virginia K. Saba, EdD, RN, FACMI, FAAN
vsaba@att.net

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.

Enjoy Local Dining

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 Penn 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 Greenhouse 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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Wednesday, July 18 | 8:15-8:45 a.m.

Thursday, July 19 | 12:15-12:45 p.m.

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