American Nursing Informatics Association

Annual Conference

April 11-13, 2019

Rio All Suite Hotel
Las Vegas, NV

ANIA
Where caring and technology meet

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for a learning experience crafted to meet your needs.

Rio All Suite Hotel, Las Vegas, NV
April 11-13, 2019

Learn, Network, and Save

Learn about current trends and topics, and earn up to 10.75 contact hours. **Network** with colleagues in the field and vendors in the industry to learn the latest information. **Save** by registering early as a member.

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Earn up to 10.75 contact hours.
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Where caring and technology meet

Conference Schedule

Wednesday, April 10, 2019

1:00 pm – 7:00 pm – Registration Open

2:00 pm – 6:15 pm – Pre-Conference Workshop
(12.0 CH – must attend both days)

010 **Nursing Informatics Certification Review Course – Day 1**
ANIA Board Members and Leaders

This course is designed as a review to prepare for the Informatics Nursing Certification Exam offered by the American Nurses Credentialing Center.

Thursday, April 11, 2019

7:00 am – 5:00 pm – Registration Open

8:00 am – 5:15 pm – Pre-Conference Workshop
(12.0 CH – must attend both days)

010 **Nursing Informatics Certification Review Course – Day 2**
ANIA Board Members and Leaders

8:00 am – 5:00 pm – Pre-Conference Workshop (7.5 CH)

020 **SQL for the Absolute Beginner** *(limited to 20 participants)*
RCD *Kimberly Smith, PhD, MT (ASCP)*

This hands-on workshop is intended for the person who has no experience with databases or SQL. By the end of the workshop, you will know how to use DESCRIBE, SELECT, and WHERE to perform simple queries; describe the difference between * and wildcard characters, and correctly use them in a SQL query; use pattern matching with LIKE, NOT LIKE, and =, and use Boolean operators AND, OR, and NOT; perform basic mathematical functions with SQL, such as averages and counts; and use JOIN to combine data from two tables.

Note: Participants must provide a Windows or Mac laptop with at least 10GB of free disk space. Participants must be able to install software on their laptop from either an internet site or from a USB thumb/flash drive.

8:00 am – 12:00 pm – Pre-Conference Workshops (3.75 CH)

030 **Advancing Nursing Informatics through Conference Presentations**
RCD *Jessica Fischer, MSN, RN-BC, COS-C*

Dive deeper into the skills required to prepare and present both conference and oral presentations at a national conference.

040 **Career Development 2.0: Applying Technical Innovation and Data**
RCD **Modeling Methods to Achieve Career Success**
Kathleen Kimmel, MHA/MBA, RN, FHIMSS, CPHIMS; Denise Tyler, DNP, MSN/MBA, RN-BC

The landscape for successful job hunting has changed dramatically. You need to be prepared not only to adapt, but to excel. Fortunately, your informatics knowledge can be your biggest asset in this new era of career success. Techniques of data modeling and optimization can be harnessed to give you an edge.

2019 Tracks

IMPR	= Impact on Practice		**IP**	=	Innovation in Practice
QI/PO	= Quality Improvement and Patient Outcomes		**LS**	=	Leadership Strategies
			RCD	=	Role and Career Development

12:00 pm – 1:00 pm
Lunch on Your Own

1:00 pm – 5:00 pm – Pre-Conference Workshops (3.75 CH)

050   Increasing Your Stake in Writing and Publishing
RCD   *Elizabeth Elkind, PhD, MSN, MBA, RNC-OB; Denise Tyler, DNP, MSN/MBA, RN-BC*
Join members of the ANIA *Journal of Informatics Nursing* editorial team as they provide guidance on advancing to another aspect of professional development – the publication process.

060   Lean Fundamentals for Informatics
RCD   *Elizabeth Weeks, BSN, RN-BC, CMSRN; Gayle Creamer, EdD, MS Ed; Lauren*
        Adams Gray, BSN, RN; Cherie Rourke, MSN, RN-BC
This interactive workshop will provide education regarding the key elements of the Lean Production System and the Lean Management System, and provide examples of each that relate directly the field of informatics.

5:00 pm – 7:00 pm
100   Welcome Reception (All attendees are invited.)

Friday, April 12, 2019

7:00 am – 6:00 pm – Registration Open

7:00 am – 8:00 am – Continental Breakfast

8:00 am – 9:30 am – Opening Ceremonies/Welcome/Opening Keynote
                     Address (1.25 CH)

101   Using Data to Accelerate Evidence-Based Practice and Enhance Clinician
        Well-Being to Achieve the Quadruple Aim in Healthcare
        Bernadette Mazurek Melnyk, PhD, APRN-CNP, FAANP, FNAP, FAAN
This session will highlight the use of data to advance evidence-based practice and clinician well-being to reach the Quadruple Aim in health care.

9:30 am – 11:00 am – Exhibits Open/Coffee Break

9:30 am – 11:00 am – Poster Viewing in Exhibit Hall

"I enjoyed interacting with people that share the same professional interest like me. This experience will definitely help me with my growth as an informatics specialist. It was an eye-opening experience, and I plan to be at Vegas for the 2019 Conference. Thank you."

– Chinwe, Lawrenceville, GA

11:00 am – 12:00 pm – Concurrent Sessions (1.0 CH)

111 **Clinical Informatics Competencies: Nursing Students, Faculty, and**
RCD **Professional Nurses**

Tracia M. Forman, PhD, RN-BC, CNE; David A. Armor, MSN, RN; Ava S. Miller, EdD, PhD, RN-BC, CNE

This session will discuss the research methodology of an integrative literature review completed to determine best practices for the development of informatics competencies for faculty and nursing students.

112 **Career Advancement Strategies: A Game of Chance or Skill? Strategies**
RCD **and Tactics for Career Success**

Debra Graham, MBA, BSN, RN-BC, CPHIMS

Much of our early career is focused on finding the introductory role to nursing informatics, but let's explore how we finish. As we approach 20-plus years in informatics nursing, what will inspire our final placement and how to craft our legacy statements with honor and accomplishment?

113 **RCA: Channeling Your Inner Sherlock Holmes**
QI/PO *Cheryl Parker, PhD, RN-BC, CNE, FHIMSS*

This interactive session will focus on conducting root cause analysis (RCA) and learning to dig deeper than "didn't follow practice."

114 **Lost Specimens: How We Got Clinicians to Recognize the EMR Won't**
IMPR **Fix the Problem**

Deborah Ruggles, MSN, RN-BC; Danielle Young, BSN, RN, CPHQ

With any workflow that relies on information from the EMR, the first reaction is how to build the EMR to fix the issue. We were able to get ahead of this thinking at our organization by using a multidisciplinary team that also had informatics team member participation to tackle the problem.

12:00 pm – 1:30 pm
120 **Membership/Business Luncheon (Pre-registration required)**

1:30 pm – 2:30 pm – Concurrent Sessions (1.0 CH)
131 **New Employee Computer Training: Converting Classroom to eLearning**
IP *Cheryl Grohn, MPH, BSN, RN-BC*

Explore our journey to virtual training, including needs analysis, design and development, pilot experiences, evaluations, adjustments based on outcomes, and today's catalog of virtual training on electronic health records.

132 **Human-Computer Interaction Experimental Research in CPOE and**
QI/PO **Teaching Inspiration on Nursing Informatics Based on Clinical**
Scenarios

Xue Wu, PhD, RN; Changxu Wu, PhD

We will report a series of studies we have conducted in the past several years, including psychological experiments on mouse trigger design, numerical typing errors, and workload of physicians when they prescribe in a simulated CPOE system.

133 **Mobile Communications: Optimizing Team Workflows to Enable Dramatic**
IMPR **Impact on Patient Care and Safety**

Annette Brown, BSN, RN

This session will discuss how data analytics can be used to further optimize care team efficiencies and workflow, and enhance enterprise-wide operations and business processes.

134 **Informatics Applications for the Universal Screening of Intimate Partner**
QI/PO **Violence and Human Trafficking**

Heather Scroggins, MSN, RN-BC; Mary Ann Contreras, RN

Explore how, utilizing an algorithm built within the electronic health record, one hospital is now able to identify, as well as look at, prevalence of intimate partner violence and human trafficking.

2:30 pm – 3:30 pm – Exhibits Open/Refreshment Break

2:30 pm – 3:30 pm – Poster Viewing in Exhibit Hall

3:30 pm – 4:30 pm – Concurrent Sessions (1.0 CH)

141 **Our Journey to Pathway to Excellence: Top Ten Rules for Success for**
LS **Nursing Informatics Leaders**
Katherine Taylor-Pearson, DNP, RN-BC, CNE, MA, CPHIMS

Using mixed method analysis, this session will discuss how implementing new standards in shared decision-making, leadership, safety and quality, well-being, and professional development is helping to shape one facility into one of the top VA facilities in the country.

142 **Rising to the Challenge: Preparing the Next Generation of Informatics**
RCD **Nurses**
Ingrid Hilghman, DNP, RN

Graduate nursing school programs are challenged with creating innovative learning opportunities to prepare nurses for advanced practice roles. This session will discuss the effective mentoring methods, various learning opportunities, and career placement experiences for which students are engaged.

143 **Weaving Technology into Nursing Workflow**
IP *W. Michael Widman, MSN, RN-BC, CCRN; Karen Edmunds, MSN, RN-BC*

With the ever-growing and changing health care environment comes the need to renovate, update, and improve patient care services. Explore one hospital's journey in redesigning health care units for technological optimization to support patient engagement and nursing staff workflows.

144 **Standardizing Nursing Handoff Across the Continuum Using the**
IMPR **Electronic Health Record**
Brandon Fleharty, MHA, MSN, RN-BC, PMP; Jo Freel, MSN, RN

This session will discuss the efforts of a project team to implement consistent nursing processes using a standardized electronic tool and a nursing handoff tool to improve accuracy, consistency, and standardization of information exchange.

4:30 pm – 4:45 pm – Stretch Break

4:45 pm – 5:45 pm – Concurrent Sessions (1.0 CH)

151 **Capacity Management, or Help, I Need Help!**
LS *Cheryl Grohn, MPH, BSN, RN-BC*

Learn about our selection of a capacity management product to forecast work, assign appropriate resources, and track time spent on activities.

152 **Constructing an Annual Event that Boosts and Engages Membership**
RCD *Christie Broaddus, MHCL, BSN, RN-BC*

This session is designed to give chapter members the confidence and tools needed to successfully plan and host an annual education event.

153 **The Birth and Growth of HIT: Utilizing CDS, AI, and Big Data Predictive**
QI/PO **Analytics at the Bedside**
Orlando Scott, MSN, RN, CTT+

Explore the clinical use, position, and value of clinical decision support (CDS) tools, artificial intelligence (AI), and big data predictive analytics at the point of care.

154 **Surgeon Self-Reporting for SSIs Goes Electronic**
IMPR *Melissa Burdette, BSN, BA, RN*

The surgical site self-reporting can be a very long process. Discuss a new electronic workflow developed to streamline this process.

2019 Tracks

IMPR = Impact on Practice
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LS = Leadership Strategies
RCD = Role and Career Development

Saturday, April 13, 2019

7:00 am – 5:15 pm – Registration Open

7:25 am – 8:25 am – Exhibits Open/Continental Breakfast

7:25 am – 8:25 am – Poster Viewing in Exhibit Hall

8:30 am – 9:45 am – General Keynote Address (1.25 CH)

201   Kaleidoscope: Twists and Turns in Big Data
Roy Simpson, DNP, RN, DPNAP, FAAN, FACMI

This session will focus on defining big data, exemplars of growth in big data in the world of "omics" for nurses and nursing future in big data, and the role of the nursing informaticst in the turning and twisting of the kaleidoscope.

9:45 am – 10:45 am – Exhibits Open/Coffee Break

9:45 am – 10:45 am – Poster Viewing in Exhibit Hall

10:45 am – 11:45 am – Concurrent Sessions (1.0 CH)

211   Exploring Leadership Strategies Employed by a Newly Hired Informaticist
LS   to Drive Change in an Organization
Diedre Mackey, MSN, RN, CPHIMS

Discuss successful leadership strategies that were used by a nurse informaticist to drive change at one institution.

212   Partnering in an Informatics Preceptorship Program
RCD *Kathleen Ulanday, MBA, MHA, BSN, RN-BC, CPHIMS; Susan McBride, PhD, RN-BC, CPHIMS, FAAN*

Discuss a strategy to standardize the use of clinical hours, reflecting benefits to the student, academic institution, and hosting organization. Innovative approaches and tools to bridge the challenges and foster competency development of the informatics student while aligning with mission and vision of the hosting organization will be addressed.

213   Nursing Informaticians and the Learning Health System
IP   *Diana Dodd, DNP, RN-BC, CCM; E. LaVerne Manos, DNP, RN-BC*

The Learning Health System (LHS) is an evolving conceptual strategy for health care delivery, with the vision of leveraging an evidence-based platform to transform how care is delivered. During this session, exploration of how nursing care delivery and the health care experience may be changed and/or enhanced under the LHS will be addressed.

214   Benefits of Using Metadata to Achieve Organizational Success in the
IMPR Transformed Home Care Environment
Mark Bassett, MAS, BSN, RN

This session will describe a program developed to benchmark metadata in home care and hospice, and identify some of the performance benefits achieved.

11:45 am – 1:00 pm – Lunch on Your Own

1:00 pm – 2:00 pm – Concurrent Sessions (1.0 CH)

221   Utilizing Research and Data Analysis to Implement New Clinical Decision
IP   Alert Systems
Christie Broaddus, MHCL, BSN, RN-BC; Shirley Appleton, MS, RN, CNOR

Review one organization's journey to investigate and reduce electronic alert fatigue via an in-depth dissection of the revisions (before and after) of three best practice alerts.

222   Data + Lean = Winning Pair
QI/PO *Cherie Rourke, MSN, RN-BC; Rebecca Gearhart, MSN, RN, CNOR*
Learn about one institution's journey in using data to understand how staff could change the process to meet start times better and improve efficiency.

223 Mapping Training and Support for IV Pump Integration Implementation
IP *Robert Stillman, MA, BSN, CPHIMS, SHIMSS*

Gain an overview of the success of a major nursing informatics initiative when implementation and training are supported by senior leadership and there is active involvement of staff nurses.

224 All Aboard! Preparing the Next Generation of Nursing Informaticists
RCD *Barbara Allende, BSN; Nancy Gilroy, MSN, RN-BC*

Explore a nursing informatics onboarding program based on ANA competencies, and how it is used to improve staff satisfaction and retention of millennial informaticists.

2:00 pm – 2:15 pm – Stretch Break

2:15 pm – 3:15 pm – Concurrent Sessions (1.0 CH)

231 Language, Culture, Disparities of Care: Breaking Barriers – Nursing
LS Informatics Synergy Model
Deborah Chasco, DNP, CCRN, APRN, CNS

Address the conceptualization of a nursing informatics theory and model geared toward change management and process improvement to address language, culture, and disparities of care utilizing science, research, evidence-based practice, analytics, and technology to improve population health outcomes.

232 Coming Soon to a Practice Setting Near You: Emerging Technologies
IP Enhancing Nursing Care
Whende Carroll, MSN, RN-BC

Nurse informaticists will gain valuable knowledge about how specific emerging technologies directly impact clinical and operational workflows, assist in nurses' decision-making, work in tandem with the nursing process and critical and organizational thinking, and enhance clinical decision support systems while serving the Quadruple Aim.

233 From Ticket Chasers to Process Improvement to Improve Organization's
QI/PO Outcomes
Patti Timbers, BSN, RN-BC

Taking a different approach from one ticket at a time and organizing improvements for the electronic health record tool in a data-driven manner has and will continue to change organizations.

234 The Interprofessional Informatics Care Team
IMPR *Debbie Heard, MBA, BSN, RN-BC*

Discuss how to apply the principles of interprofessional care to informatics caring for providers.

3:15 pm – 3:30 pm – Stretch Break

3:30 pm – 3:45 pm – Closing Remarks

3:45 pm – 5:00 pm – Closing General Session (1.25 CH)

241 Nursing Informatics and Leadership: High Stakes – Patient Engagement
Jerry Mansfield, PhD, RN, NEA-BC

More and more, engaging patients and families in their health care is gaining steam. How can technology support our journey to higher levels of health and wellness for all Americans?

> *I came alone to this conference, and at the meet and greet on Thursday night, I felt alone...for only about five minutes. Immediately, my table of five filled up with four nurses, four new friends. I came to the conference as a session speaker and for the education, but it turned out the networking was absolutely awesome. And of course, I loved the education that I received.*
>
> *– Saundra, BSN, RN, Riverside, CA*

2019 ANIA Conference Planning Committee
Carolyn Harmon, DNP, RN-BC, CSSGB, *Chair*
Christy St. John, MSN, RN-BC
Elizabeth Weeks, BSN, RN-BC, CMSRN
Rosemarie Marmion, MSN, RN-BC, NE-BC, *Director of Education Services*
Michele Boyd, MSN, RN, *Director of Education Services*

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Accreditation Statement

This educational activity is jointly provided by Anthony J. Jannetti, Inc. (AJJ) and ANIA.

Anthony J. Jannetti, Inc. is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

Anthony J. Jannetti, Inc. is a provider approved by the California Board of Registered Nursing, Provider Number CEP5387.

The Rio All-Suite Hotel
3700 W. Flamingo Rd.
Las Vegas, NV 89103

The Rio All-Suite Hotel has been designated as the headquarters hotel for the ANIA Annual Conference. A block of rooms has been reserved at the special rate of **$129** single/double. Rates are subject to applicable state and local taxes and there is a $15 resort fee. The special rate is available until **March 12, 2019**.

Reservations received after this date will be accepted on a space and rate available basis. To make your reservations, call 866-746-7671 and refer to the ANIA Annual Conference, or make your reservations online at aniaconference.com.

Check-in time at the hotel is after 4:00 pm and check-out time is 11:00 am.

Special Note: All reservations must be made through ANIA's reservation link or directly with the hotel. No one will contact you to make a reservation.

Airport Transportation Information

Hotel Parking (Note: ANIA does not validate parking.)
The Rio All-Suite Hotel has complimentary self-parking.

Weather
Typical temperatures in April will get up to about 76 degrees during the day and a low of 53 degrees in the evening. Be sure to pack a sweater or light jacket, or wear layers in the air-conditioned session rooms. We also suggest that you bring comfortable walking shoes for your conference activities.

Photo Release
ANIA occasionally uses photographs of conference participants in promotional materials. By virtue of your attendance, you agree to usage of your image in such media. Additionally, any photos made public and shared through the official ANIA Conference App are property of ANIA and may be used in promotional materials.

Payment Policy, Fees, and Confirmation Notice
All fees are in U.S. dollars. Registrations will be processed only when accompanied with full payment. If a check is returned by the bank for insufficient funds, full payment must include an additional $30 for bank processing charges and must be paid with a cashier's check, money order, or credit card. If payment is not received by ANIA prior to the meeting, you must pay the full amount onsite. If you do not receive registration confirmation one week prior to the meeting, contact us at aniareg@ajj.com. Purchase orders are not accepted as payment.

Cancellations and Substitutions
Cancellations and substitutions must be requested in writing. We will be happy to refund your registration fee less a $75 administration fee, if received prior to March 21, 2019. No refunds will be made thereafter. Membership dues are nonrefundable. All other monies will be returned to the party who originally issued payment. If you are unable to attend, a substitution may be made. If the substitute is not an ANIA member, additional fees may apply.

In the event ANIA should find it necessary to cancel or postpone this conference for any reason including, but not limited to, registration responses, strikes, or acts of God, ANIA will not be liable for registrants' expenses. In whatever manner the cancellation/postponement is ultimately resolved, ANIA will act responsibly to protect members' and registrants' investment in the conference and association.

ANIA 2019 Annual Conference
Registration Form
Rio All Suite Hotel | Las Vegas, NV | April 11-13, 2019

Please clearly print your name as you would like it to appear on your badge.

Name _____ **Credentials** _____

Employer_____ **Job Title** _____

Mailing Address ☐ Home ☐ Work

_____

City/State/Zip _____

E-mail: _____ ☐ **Business** ☐ **Personal**
(Needed to receive your receipt/confirmation, conference information; and to be used to log in for Contact Hours)

☐ I do not wish to have my email or mailing address shared with any ANIA exhibit or networking vendors.

Daytime Phone: ☐ **Business** ☐ **Personal** **Phone:** _____

Membership must be valid through **April 30, 2019,** to qualify for member rates. Current members may renew their ANIA membership with their conference registration. Membership will commence upon current expiration.

Registration Fees (Full payment must accompany registration.)			
Pre-Conference Workshops (additional fee)	**Member**	**Nonmember**	**Amt Enclosed**
010 Certification Review Course (2-day, April 10 & 11, 2019)	$340	$399	$
020 SQL for Absolute Beginner (April 11)	$265	$290	$
030 Advancing NI through Conference Presentations (April 11)	$165	$190	$
040 Career Development 2.0 (April 11)	$165	$190	$
050 Increasing Your Stake in Writing and Publishing (April 11)	$165	$190	$
060 Lean Fundamentals (April 11)	$165	$190	$
Full Main Conference - (5pm on 4/11 thru 5pm on 4/13)	**Member**	**Nonmember**	
Early (postmarked on or by 3/7)	$575	$675	$
Regular (postmarked after 3/7)	$695	$795	$
One-Day Registration - (4/12 or 4/13)	**Member**	**Nonmember**	
Please check the day you plan to attend ☐ Friday or ☐ Saturday			
Early (postmarked on or by 3/7)	$345	$445	$
Regular (postmarked after 3/7)	$395	$495	$
☐ Yes! I want to: Join ☐ $79 Renew ☐ $79 ANIA and register at the member rate.			$
		Total Amount Enclosed	$

☐ Check or money order enclosed (payable in U.S. funds to ANIA 2019 Conference)

Payment: ☐ Check/Money order Credit Card: ☐ MC ☐ VISA ☐ AmEx Card #:

Exp. Date:	*Security Code:

*The Security Code: last 3 digits on the back of MasterCard and Visa, and the 4-digit number on the front right of the AmEx card.

Signature:

Name of Card Holder (please print):

Billing address:
(if different than above)

Disability or dietary need? Please state:

Please indicate your 1st and 2nd choices for each set of Concurrent Sessions.

Thursday, April 11, 2019

5:00 pm **100** Welcome Reception ☐ Yes ☐ No

Friday, April 12, 2019

11:00 am ____ **111** ____ **112** ____ **113** ____ **114**

12:00 pm ____ **120** Membership/Business Luncheon

1:30 pm ____ **131** ____ **132** ____ **133** ____ **134**

3:30 pm ____ **141** ____ **142** ____ **143** ____ **144**

4:45 pm ____ **151** ____ **152** ____ **153** ____ **154**

Saturday, April 13, 2019

10:45 am ____ **211** ____ **212** ____ **213** ____ **214**

1:00 pm ____ **221** ____ **222** ____ **223** ____ **224**

2:15 pm ____ **231** ____ **232** ____ **233** ____ **234**

NOTE: General sessions are attended by all registered attendees and not listed for selection.

3 Ways to Register

ONLINE at www.aniaconference.com
FAX with credit card information to: 856-218-0557
MAIL with payment to:
ANIA Conference Registration, East Holly Avenue/Box 56, Pitman, NJ 08071-0056

Cancellations and Substitutions must be received in writing. For cancellations received by March 21, 2019, a $75 administrative fee will be assessed and the balance will be remitted to the original form of payment. No refunds will be made thereafter. Membership fee is non-refundable/non-transferable. If substitute is not an ANIA member, additional fees may apply. ANIA reserves the right to cancel programs because of emergencies, labor strikes, acts of God, and insufficient registration or sponsorship.

For registration questions: aniareg@ajj.com