Informatics Educators Forum
What You Need to Know
April 25, 2019

LaVerne Manos, IEF Program Committee Chair
Suzanne Cox, AMIA Education Working Group Chair
Steve Johnson, AMIA Academic Forum Chair
Agenda

1. Introduction to the IEF
2. Overview of the program by areas of interest to educators
3. Best way to maximize your IEF experience
4. Wrap-up and Q and A
Overview of the Informatics Educators Forum - IEF
LaVerne Manos DNP RN-BC, FAMIA
IEF Program Chair
Clinical Associate Professor and Director
KUMC Center for Health Informatics/KU School of Nursing
Informatics Educators Forum - IEF

Basics

- Dates June 18-20
- Place Hilton St. Louis at the ball park
- Website - amia.org/ief2019

**Tuesday, June 18**
- 7:00 a.m. – 6:00 p.m. Registration Open
- 7:00 a.m. – 8:00 a.m. Breakfast
- 8:00 a.m. – 10:00 a.m. Workshops
- 10:00 a.m. – 10:30 a.m. Coffee Break
- 10:30 a.m. – 12:30 p.m. Workshops
- 12:30 p.m. – 1:30 p.m. Lunch On Own
- 1:30 p.m. – 3:30 p.m. Workshops
- 3:30 p.m. – 4:00 p.m. Coffee Break
- 4:00 p.m. – 6:00 p.m. Workshops
- 6:00 p.m. – 7:00 p.m. Welcome Reception

**Wednesday, June 19**
- 7:00 a.m. – 5:00 p.m. Registration Open
- 7:00 a.m. – 8:00 a.m. Breakfast
- 8:00 a.m. – 9:00 a.m. Opening Session and Keynote Presentation
- 9:15 a.m. – 10:15 a.m. Sessions
- 10:15 a.m. – 10:45 a.m. Coffee Break
- 10:45 a.m. – 11:45 a.m. Sessions
- 11:45 a.m. – 1:00 p.m. Lunch on Own
- 1:00 p.m. – 2:00 p.m. Sessions
- 2:15 p.m. – 3:15 p.m. Sessions
- 3:15 p.m. – 3:45 p.m. Coffee Break
- 3:45 p.m. – 4:45 p.m. Sessions
- 5:00 p.m. – 6:00 p.m. Poster Session

**Thursday, June 20**
- 7:00 a.m. – 12:00 p.m. Registration Open
- 7:00 a.m. – 8:00 a.m. Breakfast
- 7:00 a.m. – 8:00 a.m. Academic Forum Open Business Meeting
- 8:00 a.m. – 9:00 a.m. Sessions
- 9:15 a.m. – 10:15 a.m. Sessions
- 10:15 a.m. – 10:45 a.m. Coffee Break
- 10:45 a.m. – 11:45 a.m. Sessions
- 12:00 p.m. – 1:00 p.m. Closing Session and Keynote Panel
Conference Goals

• Deliver focused workshops on topics like leadership, course development, and accreditation.

• Address curricular and pedagogical challenges within health informatics education across the spectrum of education settings, including high school, undergraduate, and graduate level education, and professional roles.

• Exchange best practices in informatics research and education to support the professional growth of academic informatics professionals and the students they educate.

• Prepare students for their future professional roles, whether those roles are in academics, clinical practice, government, or industry.

• Network with peers facing similar challenges and strengthen your relationships in the academic informatics community.
Who is this conference for?

- Informatics faculty
- AMIA Academic Forum members
- Educators interested in academic informatics
- AMIA Academic Forum special interest
- Members of the AMIA Education Working Group (ED-WG) and other AMIA Working Group members interested in academic informatics
- Current and aspiring educators along with health informatics students with a distinct interest in improving the education experience
- Program coordinators who focus on academic informatics across the continuum of high school, undergraduate/baccalaureate, graduate, post-doctoral, and professional education programs
- Folks from healthcare facilities who
Topics

• Collaborations and Interdisciplinarity Education
• Curriculum and Program Management
• Professional Development and Training
• Strategies for Teaching and Learning
What can attendees expect?

• Keynote- Jagger, Madonna, Beyonce, Bieber: Setting the Stage for Each Generation to Shine

• The Ultimate Wrap-Up: Brain Dumping, Prioritizing, and Being Accountable

• Ignite talks - 18

• Interactive demonstrations - 7

• Panels - 5

• Presentations - 30

• Posters- Wednesday afternoon poster session

• Networking
  • Wednesday 6/19 baseball game Cardinals vs. Miami Marlins
Overview of the program by areas of interest to educators

Suzanne Cox, MPH, PhD
Chair, Education Working Group
Associate Dean, Health Sciences Education
University of Chicago
Planning your time

Program is available here: https://ief2019.zerista.com/

- “Agenda” tab will give you a chronological view of each day
- You can also search for topics of interest.
### Innovations in pedagogical methods (examples)

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Type</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>6/19</td>
<td>1-2pm</td>
<td>Ignite</td>
<td><strong>Innovations in Informatics Education</strong></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Personalized medicine, video assignments, data science tools, nursing and public health</td>
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<tr>
<td>6/19</td>
<td>2:55-3:15pm</td>
<td>Presen.</td>
<td>Promoting Understanding of Patient Engagement and Health Information Technology: An Innovative Curriculum for PhD Nursing Students</td>
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<tr>
<td>6/20</td>
<td>8-8:20am</td>
<td>Presen.</td>
<td>Flipping the Interprofessional Education Classroom: - A Novel Method for Teaching about HIT in Collaborative Practice</td>
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<tr>
<td>6/20</td>
<td>8-8:20am</td>
<td>Presen.</td>
<td>Automated evaluation of medical students through their actions in an electronic health record</td>
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Developing degree programs and integrating informatics into current degrees (examples)

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<tbody>
<tr>
<td>6/18</td>
<td>8-10am</td>
<td>Workshop</td>
<td>Models and Measures for Systematic program Evaluation in Informatics Graduate Degree Programs</td>
</tr>
<tr>
<td>6/19</td>
<td>9:15-9:35am</td>
<td>Present.</td>
<td>Integrating Electronic Health Records into Pre-clerkship Clinical Skills Curriculum</td>
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<tr>
<td>6/19</td>
<td>11:05-11:25am</td>
<td>Present.</td>
<td>Building the Bicycle While Riding It: A Case in Curriculum Modernization for a Professional Master’s Program</td>
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<tr>
<td>6/19</td>
<td>3:45-4:45pm</td>
<td>Panel</td>
<td>Presentations - Developing Resources to Support Curriculum and Accreditation</td>
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<tr>
<td>6/20</td>
<td>8-8:20am</td>
<td>Present.</td>
<td>Clinical Research Informatics Curriculum Development and Delivery</td>
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## National trends in program evaluation, content, and types of learners (examples)

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<td>6/18</td>
<td>8-10am</td>
<td>Workshop</td>
<td>Models and Measures for Systematic Program Evaluation in Biomedical and Health Informatics Graduate Degree Programs</td>
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<tr>
<td>6/18</td>
<td>4-6pm</td>
<td>Workshop</td>
<td>Defining, Achieving, and Assessing Competencies across the AMIA Foundational Domains</td>
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<tr>
<td>6/19</td>
<td>4:15-4:25pm</td>
<td>Ignite</td>
<td>The Role of Artificial Intelligence in Informatics Learning and Professional Development for Health Care Professionals</td>
</tr>
<tr>
<td>6/19</td>
<td>9:35-9:55am</td>
<td>Presen.</td>
<td>When to lump and when to split: Understanding academic and professional student expectation and motivation</td>
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<tr>
<td>6/20</td>
<td>8-9am</td>
<td>Panel</td>
<td>Integrating Data Science into Public Health Informatics Training Programs</td>
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Developing your career and professional skills as educators (examples)

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<td>6/18</td>
<td>8-10am</td>
<td>Workshop</td>
<td>Ignite Student's Talent: How to use the Power of Storytelling for Inspiration</td>
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<tr>
<td>6/18</td>
<td>10:30am-12:30pm</td>
<td>Workshop</td>
<td>Leading through Conflict: Staying Cool and Effective through the Toughest Situations</td>
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<tr>
<td>6/18</td>
<td>1:30-3:30pm</td>
<td>Workshop</td>
<td>Career Development: Competencies and Skills of Health Informatics Educators</td>
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Informatics Educators Forum and Academic Forum

Stephen Johnson, PhD
Chair, Academic Forum
Professor, Population Health, New York University Langone Health
Director, Clinical Research Informatics
Academic Forum

Foster the development, growth and improvement of academic units that educate students and conduct research in the discipline of biomedical and health informatics

> 50 Academic Institutions
Academic Forum Benefits

- Find a professional home for academic leadership
- Network with colleagues who share similar opportunities and challenges
- Share of knowledge and best practices to advance the discipline
- Communicate as a single voice on important policy matters
- List programs in directory on AMIA Web site
- Get complimentary attendance for representatives at Informatics Educators Forum
Educational Communities

Engage with peers to share knowledge, collect data, and promote standards across institutions

- **Academic Forum**
  - **Baccalaureate Program Directors**
    - Saif Khairat, University of North Carolina
  - **Professional Master’s Program Directors**
    - Suzanne Boren, University of Missouri
  - **Nursing Informatics Program Directors**
    - LaVerne Manos, University of Kansas
  - **Clinical Informatics Program Directors**
    - Vishnu Mohan, Oregon Health & Science University
  - **Academic Leaders**
    - William Hersh, Oregon Health & Science University
Accreditation and Certification

Academic Forum

- Baccalaureate Program Directors
- Professional Master’s Program Directors
- Nursing Informatics Program Directors
- Clinical Informatics Program Directors
- Academic Leaders

Health Informatics Accreditation

- Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM)

Advanced Health Informatics Certification

- Clinical Informatics Board Certification
- Accreditation Council for Graduate Medical Education (ACGME)
Wrap-up and Q&A

- Dates   June 18-20, 2019
- Place    Hilton St. Louis at the ball park
- Website  https://www.amia.org/ief2019
- Reach out with questions