



Editor's Notes...

End of Fall Greetings!

As we close out 2023, I would like to extend a sincere thank you to all of our SIGHealth officers who made all the functions of our SIG work this past year. As a result of all of their efforts in 2022, we were named an AIS Outstanding SIG again in 2023.

We have several SIGHealth feature articles highlighted in our 2021 newsletter. Our first article is a listing of the criteria designating an outstanding SIG. We also have a current listing of the SIGHealth officer information. The other feature articles in this issue are the winners of the 2023 Best Paper Awards Published in 2022, the SIGHealth research submissions from the AMCIS 2023 Conference, and the SIGHealth minitracks scheduled for the upcoming AMCIS 2024 in Salt Lake City, Utah, USA.

On a side note, our upcoming AMICS 2024 provides an opportunity to highlight your research. I encourage all SIGHealth members to visit the AMCIS 2024 conference Website to help make AMCIS 2024 an outstanding conference. The SIGHealth Board encourages all our community to participate as funding and schedules allow.

In closing, I would like to continue the call to the SIGHealth membership for help in identifying SIGHealth resources. I hope you will share your practitioner and research experiences with other SIGHealth members through contributions to your newsletter. Please use our Gmail account (sighealthnewsletter@gmail.com) to expedite your submissions. Content received will appear in the up-coming issue and timely material can be added to the SIGHealth Website or bundled into a special newsletter issue. Suggested content categories are:

- News about SIGHealth members (up to 300 words)
- We welcome SIGHealth related essays (about 900 words) from industry professionals.
- News and approaches to teaching e-health (up to 1800 words)
- “How to’s” on research methods, getting papers published, reviewing papers, etc.
- Any other announcements (up to 300 words for each item).

In the meantime, please remember to re-designate your membership in SIGHealth when you renew your AIS membership. This newsletter issue also highlights upcoming networking and publishing opportunities for regional and international workshops and conferences, with more details posted via <http://www.aissighealth.com>.

Warm regards,

Jim Ryan, Ph.D.

sighealthnewsletter@gmail.com





Feature Articles...

Outstanding SIG and Election Results...

Jim Ryan

We had another productive year with SIGHealth receiving the AIS Outstanding Chapter Award for the ninth year in a row (e.g., 2014 to 2022). Outstanding Communities are recognized each year online, through AIS electronic publications, and at AIS conferences. The following criteria is used to identify the Outstanding Communities for 2022:

Required Criteria for AIS Special Interest Groups and Colleges
1. Host one activity, meeting, or event open to all AIS members.
2. Conduct one Annual General Meeting (AGM).
3. Conduct at least one Executive Committee Meeting.
4. Submit the Annual Report on or before March 1, 2023
5. All officer positions listed in the group bylaws must be filled on December 31, 2022. Please see your community bylaws for the list of officer positions.

Additional Criteria	Value	Maximum Per Category
A. Maintained healthy community governance with regular leadership rotation. Officer terms may be no more than three years.	5 points per new officer installed	15
B. Organized and ran a track or workshop at an AIS or AIS affiliated conference or hosted a webinar, seminar, or other conference.	15 points per event	45
C. Sent representative to AIS Community Leaders meetings.	5 points per event	10
D. Sent representative to AIS Member Connect events.	5 points per event	10
E. Published one or more academic journal issues or special collections in the eLibrary during the reporting year.	15 points per event	30
F. Hosted annual awards or recognition program for members of the SIG, Chapter, or College.	5 points per award	15
G. Provided scholarships or grants to support participation in AIS or AIS affiliated events.	5 points per scholarship	15
H. Communicated with all members and other interested individuals to promote the activities of community.	5 points per communication	15
I. Implemented membership recruitment campaign.	10 points	10
K. Updated the Community website within the past calendar year.	5 points	5

Bonus Questions (5 points each)

- What diversity and inclusion activities or considerations has your community incorporated during 2022?
- Please share any initiatives your community has undertaken to address the AIS Grand Vision Challenge.
- Have you introduced new initiatives to expand global outreach, such as conferences or workshops at regional conferences, webinars held in various time zones?

Thank you all for being a part of the SIGHealth community and best wishes for a fantastic 2024.

The following are the contact information for the current SIGHealth elected officers. Congratulations to Haijing Hao on her re-election as Secretary.



Immediate Past-President	Jim Ryan	<i>jryan@wpi.edu</i>
President	Renée Pratt	<i>renee.pratt@rprattphd.com</i>
President-Elect	Mike Dohan	<i>msdohan@lakeheadu.ca</i>
Secretary	Haijing Hao	<i>haohaijing@gmail.com</i>
Treasurer	Kaushik Ghosh	<i>kghosh@suffolk.edu</i>

Best Paper Awards 2023...

Jim Ryan

SIG-Health again sponsored a Best Published Paper Award, awarding a Junior and a Senior Researcher category recipient as well as a Meritorious Mention. Junior Researchers are first authors who are students at the time the paper was published, while all other first authors will be considered to be a Senior Researcher. All papers considered were published during 2020, where recipients are current SIGHealth members. The judging criteria on innovation, impact, implementation, and appeal was established in 2014.

Review Criteria:

Innovation:

Are new strategies and/or approaches described?

Do they improve current practices?

Do they enhance knowledge?

Impact:

Does the paper address a real problem?

Is the problem solved or diminished?

Is a significant part of an organization, population or the world impacted?

Implementation:

Is the innovation operational?

What is the breadth of the implementation?

Is the approach/knowledge applicable to others?

Appeal and Readability:

Is there broad interest in the problem across industries and cultures?

Will the paper appeal to SIG-Health membership?

Is the paper brief, clear, and to the point?

Many thanks to the review committee who scored the submissions this year from SIGHealth members.

The 2023 senior research award recipients were:

Best Published Paper – Adriane Randolph, Stacie Petter, Veda Storey, & Melody Jackson for their 2022 published paper “Context-aware user profiles to improve media synchronicity for individuals with severe motor disabilities,” *Information Systems Journal*, 32(1), <https://doi.org/10.1111/isj.12337>.

The 2023 junior research award recipients were:

Best Published Paper – Mohamed Abouzahra, Dale Guenter, & Joseph Tan for their 2022 published paper “Exploring physicians’ continuous use of clinical decision support systems,” *European Journal of Information Systems*, DOI: 10.1080/0960085X.2022.2119172 .



AMCIS 2023 SIGHealth Minitracks...

Rich Klein

In the paper sessions, we had 27 research presentations in the Healthcare Informatics & Health Information Technology Track (SIGHealth) for AMCIS in Panama City. Many thanks to all the authors, minitrack chairs, session chairs, and paper reviewers for their time, efforts, and contributions.

AMCIS 2024 SIGHealth Minitracks...

Rich Klein



We hope you will make plans to attend AMCIS 2024 in Salt Lake City, Utah, USA. AMCIS 2024 aims to address the pressing challenges surrounding digital equity and social entrepreneurship. In an increasingly interconnected world, the issue of digital equity remains a critical concern, with significant disparities in access to technology and digital resources, particularly in marginalized communities. Ensuring equal opportunities for all individuals to participate in the digital age becomes crucial in fostering inclusive growth and social progress. Additionally, as we delve into the realm of social entrepreneurship, we confront the complexities of creating sustainable business models that prioritize social impact, aiming to effect positive change in local and global communities. By acknowledging these challenges and collectively exploring solutions, this conference seeks to pave the way for a more equitable and socially conscious digital future. SIGHealth is sponsoring the Healthcare Informatics & Health Information Technology Track, composed of eight mini-tracks. The following is a listing of the track and minitrack descriptions, along with the respective chairs.

Digital Resources for the Ageing Society

All developed economies face the challenge of aging societies. Not only is the percentage of the elderly within the population growing, they are also getting older than generations before. This trend puts tremendous pressure on social and healthcare systems around the world. Digital resources (wearables, apps, websites, virtual discussion groups, social media etc.) provide a perspective to enable seniors to live longer in self-contained circumstances than today.

The minitrack addresses these challenges and opportunities by providing a forum to share high quality research on all aspects of digital resources which benefit the aging society. We welcome empirical and conceptual work as well as design science papers. All research which adds to our understanding how digital resources are accepted and used by seniors and what benefit they provide is in scope of the minitrack.

Heiko Gewald, Neu-Ulm University of Applied Sciences, heiko.gewald@hnu.de

Doug Vogel, Harbin Institute of Technology, vogel.doug@gmail.com

Karoly Bozan, Duquesne University, bozank@duq.edu

Digital Transformation in Healthcare

The concept of digital transformation emphasizes the use of technology to alter the firm's value proposition. This in turn necessitates various changes in the organization, including but not limited to business processes, strategies, approaches to governance and others. In the context of healthcare, digital transformation can entail novel approaches to delivering care driven by consumerism as well as the need to improve patient outcomes, including those related to patient-centered care or patient engagement.



This minitrack aims to develop a comprehensive view of how patient outcomes and healthcare experiences can be improved through digital transformation. Potential topics for this minitrack include those related to patient experience, care providers, payers, and other key entities in the healthcare value chain; strategic, managerial, and governance-related issues associated with digital transformation; cultural transformations impacted by healthcare IT that influence patient outcomes; and others. This minitrack will consider a variety of empirical or conceptual submissions.

Michael Dohan, Lakehead University, msdohan@lakeheadu.ca

Christopher Califf, Western Washington University, califfc@wwu.edu

Josep Tan, McMaster University, tanjosep@mcmaster.ca

Healthcare Analytics

Big Data, AI, and healthcare informatics are among the most exciting and promising emerging information systems today, and Healthcare Analytics is at the intersection. As such, it represents an expanding and potentially fruitful areas for IS research. We believe that this mini-track can serve as both an outlet for researchers to present their completed and preliminary projects and a forum for discussing the future direction of this stream of research. Because of the attractiveness and timeliness of the subject, we expect to see a large number of quality submissions to this mini-track, and accepted papers will likely draw significant interests among AMCIS attendees.

C. Derrick Huang, Florida Atlantic University, dhuang@fau.edu

Ravi S. Behara, Florida Atlantic University, rbehara@fau.edu

Jahyun Goo, Florida Atlantic University, jgoo@fau.edu

Role of Technology in Improving Healthcare Delivery Processes (SIGHealth)

Healthcare organizations redesign processes and implement various forms of information technology (IT) to increase productivity, lower costs, and improve quality of care. Unfortunately, large health IT investments often do not achieve the expected levels of improvement. Recognizing that significant improvements require more than just deploying IT, this minitrack seeks papers that investigate the role of information systems (IS) and IT in improving healthcare delivery as well as opportunities and challenges for IT-enabled change. The minitrack is open to papers on challenges and benefits from improved healthcare delivery over a variety of healthcare settings (e.g., hospitals, ambulatory clinics, or in the home). It is also open to multiple research methods including qualitative, quantitative, and design science approaches. We are especially interested in interdisciplinary approaches, combining for example IT, process design, as well as managerial and policy initiatives. Since national context affects healthcare delivery choices, we are also interested in multi-national studies.

Jim Ryan, Worcester Polytechnic Institute, jryan@wpi.edu

Yajiong (Lucky) Xue, East Carolina University, xuey@ecu.edu

Please consider submitting your research to one of the SIGHealth minitracks. The deadline for paper submissions is March 01, 2024, at 10:00AM EST. Please note the time cut-off. More information and submission details are available on the AMCIS 2022 Webpage via: <https://amcis2024.aisconferences.org/submissions/call-for-papers/>

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Quick Response Code (QR code) for SIGHealth...

Mike Dohan



QR code (abbreviated from Quick Response Code) is a type of matrix barcode that has gained commonality with the advent of smart phones. QR's provide quick and effortless access to websites and thanks to Mike, here is SIGHealth's very own QR.

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Networking Opportunities...



Spread the word: SIGHealth is social!



2024 Renewal of AIS Membership and Re-designating SIGHealth Interest



Please be aware that when you renew your AIS membership, you must also re-designate your interest in SIGHealth. Currently, membership in SIGHealth is \$10 USD per year. Not sure if you have paid your SIGHealth membership? Check your membership via the AIS Website.

January 2024... 57th Hawaiian International Conference on System Sciences (HICSS)

Dates: January 3 – 6, 2024
Location: Honolulu, Hawaii, USA
Registration: Registration via Webpage...



[More Details...](#)

June 2024... 32nd European Conference on Informations Systems (ECIS)

Dates: June 13 – 19, 2024
Location: Paphos, Cyprus
Submissions: November 17, 2023
Registration: Early registration begins April, 2024.



[More Details...](#)

June 2024... 27th Pacific-Asian Conference on Informations Systems (PACIS)

Dates: July 1-5, 2024
Location: Ho Chi Minh City, Vietnam
Submissions: By March 1, 2024
Registration: Early registration begins in April 2024



[More Details...](#)



August 2024... 30th Americas Conference on Informations Systems (AMCIS)

Dates: August 15 – 17, 2024
Location: Salt Lake City, Utah, USA
Submissions: March 1, 2024 10:00AM EST
Registration: Early registration begins in May 2024.



[More Details...](#)

December 2024... 46th International Conference on Informations Systems (ICIS)

Dates: December 15 – 18, 2024
Location: Bangkok, Thailand
Submissions: May 1, 2024
Registration: Early registration begins in July 2024.



[More Details...](#)

Publication Opportunities...

CFP...Health Systems Journal

Palgrave Macmillan and the OR Society have launched Health Systems, a new interdisciplinary journal. Health Systems will provide insights and perspectives to advance health systems knowledge in research and practice.

[More Details...](#)

