



Editor's Notes...

Greetings!

As we close out 2022, I would like to extend a sincere thank you to all of our SIGHealth officers who made our SIG work this past year. As a result of all of their efforts in 2021, we were named an AIS Outstanding SIG again in 2022.

We have several SIGHealth feature articles highlighted in our 2022 newsletter. Our first article is a listing of the criteria designating an outstanding SIG, followed by a recap of our July election results presented at the SIGHealth Business Meeting during AMCIS 2022. The other feature articles in this issue are the winners of the 2022 Best Paper Awards Published in 2021, the SIGHealth research submissions from AMCIS 2022 Conference in Minneapolis, Minnesota USA, a recap of the HITS pre-ICIS conference workshop, as well as the SIGHealth minitracks scheduled for the upcoming AMCIS 2023 in Panama City, Panama.

On a side note, our upcoming AMICS 2023 provides an opportunity to highlight your research. I encourage all SIGHealth members to visit the conference Website and consider attending. 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,

A handwritten signature in black ink that reads 'J. E. Ryan'.

Jim Ryan, Ph.D.

sighealthnewsletter@gmail.com



Outstanding SIG and Election Results...

Jim Ryan

We had another productive year with SIGHealth receiving the AIS Outstanding Chapter Award for the eighth year in a row (e.g., 2014 to 2021). 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 2023.



The following is the contact information for the current SIGHealth elected officers. Congratulations to the new SIGHealth officers.

Immediate Past-President	Jim Ryan	<i>jryan@wpi.edu</i>
President	Renée Pratt	<i>rpratt@auburn.edu</i>
President-Elect	Michael 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 2022...

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:

<u>Innovation:</u>	<u>Impact:</u>	<u>Implementation:</u>	<u>Appeal and Readability:</u>
<i>Are new strategies and/or approaches described?</i>	<i>Does the paper address a real problem?</i>	<i>Is the innovation operational?</i>	<i>Is there broad interest in the problem across industries and cultures?</i>
<i>Do they improve current practices?</i>	<i>Is the problem solved or diminished?</i>	<i>What is the breadth of the implementation?</i>	<i>Will the paper appeal to SIG-Health membership?</i>
<i>Do they enhance knowledge?</i>	<i>Is a significant part of an organization, population or the world impacted?</i>	<i>Is the approach/knowledge applicable to others?</i>	<i>Is the paper brief, clear, and to the point?</i>

Many thanks to the review committee who scored the submissions this year from SIGHealth members. Thank you to Mike Dohan for being chair of the review committee.

The 2022 senior research award recipient was:

Best Published Paper – Jennifer Jewer and Deborah R. Compeau, for their 2021 published paper, “Understanding Information Systems Success: A Hybrid View,” *European Journal of Information Systems*, 2021, DOI: 10.1080/0960085X.2021.1890529.

The 2022 junior research award recipient was:

Best Published Paper – Tanja Schroder, Maximilian Haug, and Heiko Gewald, for their 2021 published paper, “Data Privacy Concerns Using mHealth Apps and Smart Speakers; Comparative Interview Study Among Mature Adults,” *JMIR Formative Research*, 2022, 6(6), 12. (First publication on February 17, 2021).

AMCIS 2022 SIGHealth Mini-tracks...

Rich Klein

In the seven paper sessions, we had 22 accepted paper presentations across eight mini-tracks in the Healthcare Informatics & Health Information Technology Track (SIGHealth) for AMCIS 2022 in Minneapolis, Minnesota, USA. Many thanks to all the authors, minitrack chairs, session chairs, and paper reviewers for their time, efforts, and contributions.

AMCIS 2023 SIGHealth Mini-tracks...

Rich Klein



We hope you will make plans to attend AMCIS 2023 in Panama City, Panama. Diving into uncharted waters is the AMCIS 2023 conference theme and it reflects the desire to strengthen and build new research streams, while also taking on theoretical and methodological challenges and opportunities. SIGHealth is sponsoring the Healthcare Informatics & Health Information Technology Track, composed of five mini-tracks. The following is a listing of the track and minitrack descriptions, along with the respective chairs.

Track Description

The Healthcare Informatics and Health Information Technology (HIT) track seeks to promote research into ground-breaking technology innovations and applications within the healthcare sector, while incorporating interdisciplinary theoretical perspectives and methodological approaches beyond the traditional information systems (IS) and health information technology (HIT) disciplines. Information systems and technology (IT) innovations offer significant potential to transform the delivery of care, to improve the quality and efficiency of the healthcare system, to enhance interactions between patients/caregivers and providers, and to enable greater access to the latest advancements in treatments, among other accomplishments and outcomes. Academic efforts within the Healthcare Technology and Systems track should demonstrate novel work within the IS discipline as well as reference perspectives including computer science, economics, organizational behavior, public policy, public health, software/electrical engineering, management, and strategy, among others. Completed research and research-in-progress topics might include, opportunities and challenges faced within the current healthcare sector; advances in healthcare information technologies (HIT), electronic health (e-health), telemedicine, and mobile health (m-health), among other innovative technological applications; as well as healthcare industry-specific issues related to traditional IS research concerns, including adoption and diffusion, systems design and implementation, and IS success.

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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 life 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.

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Healthcare Analytics

With the accumulation of data in the vast deployment of healthcare information systems, it is expected that Big Data and analytics can provide the basis on which better decisions can be made to move towards a healthcare system that addresses the combined objectives of lower costs, safe care, effective clinical outcomes, and high patient satisfaction. The need to build analytics competencies among practitioners and researchers is apparent. Given the importance and the challenges of Healthcare Analytics, this minitrack provides a platform for original studies on this subject in topics such as:

- Healthcare Analytics design and adoption principles
- Enablers, inhibitors, and best practices of Healthcare Analytics implementations
- Methods and software tools in Healthcare Analytics
- Strategies and experience of early adopters of Healthcare Analytics
- Organizational change management with Healthcare Analytics implementation

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Clinical Decision Support Systems & COVID19

Over the past ten years, health practitioners have made increasing use of CDSS to reinforce many short and long-term health-based decision making and improve patient care. However, those who wish to benefit from a CDSS must consider what is involved in developing and implementing the system in their organisations. Although much has been written about these phenomena in various DSS areas, a CDSS still requires planning, development and implementation based on an understanding of what must be done to avoid failure. This understanding will help prevent the array of problems upon development and implementation. Moreover, given the nature of CDSS development and implementation, results obtained from previous studies are likely to provide at best a partial picture of the issues surrounding CDSS development and implementation in practice. The requirement to look upon this CDSS development and implementation is becoming crucial as the world deals with COVID19, in which health decisions would need to be made quickly.

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Virtual Communities for Healthcare

Virtual communities provide information and different types of support for patients and physicians. Other entities who benefit from conversations in this forum include big pharma, equipment manufacturers, and policy workers. This mini-track provides a forum for all researchers who work in the healthcare virtual communities space. Papers relating to all different types of social networking platforms are welcome, including papers that focus on social-networking analytics relating to healthcare. This mini-track solicits empirical,

theoretical, conceptual, and case-based research studies that seek to explore any issue that relates to Virtual communities in the Healthcare area.

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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.

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Please consider submitting your research to one of the SIGHealth mini-tracks. The deadline for paper submissions is March 01, 2023, at 10:00AM EST. Please note the time cut-off. More information and submission details are available on the AMCIS 2023 Webpage via: <https://amcis2023.aisconferences.org/submissions/>

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.

Networking Opportunities...

Spread the word: SIGHealth is social!



2023 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 2023... 56th Hawaiian International Conference on System Sciences (HICSS)

Dates: January 4 – 7, 2023
Location: Maui, Hawaii, USA
Registration: Registration via Webpage...



[More Details...](#)

June 2023... European Conference on Informations Systems (ECIS)

Dates: June 11 – 16, 2023
Location: Kristiansand, Norway
Submissions: By November 17, 2023
Registration: Early registration begins April 2023.



[More Details...](#)

June 2023... Pacific-Asian Conference on Informations Systems (PACIS)

Dates: July 8-12, 2023
Location: Nanchang, China
Submissions: By March 7, 2023
Registration: Early registration begins in March 2023



[More Details...](#)

August 2023... 29th Americas Conference on Informations Systems (AMCIS)

Dates: August 10 – 12, 2023
Location: Panama City, Panama
Submissions: March 1, 2023, 10:00AM EST
Registration: Early registration begins in May 2023.



[More Details...](#)

December 2023... 45th International Conference on Informations Systems (ICIS)

Dates: December 10 – 13, 2023
Location: Hyderabad, India
Submissions: May 4, 2023, 11:59PM EST
Registration: Early registration begins in July 2023.



[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...](#)