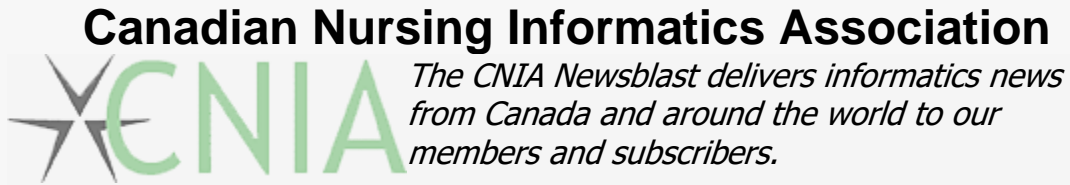


CNIA Newsblast: January BLAST



Happy New Year to all our CNIA Newsblast readers!

Even amidst the challenging start to 2022 we look forward to what the year will hold, including our virtual conference event and the continued advancement of nursing informatics and digital health across the country.

This is the perfect time to become a CNIA member, there are many excellent webinar events already in the works for this year as well as other benefits.

And speaking of members **we only need a few more folks to answer our membership survey to reach 100 responses**, so if you can help us get across that line, that would be great.

If you are not a current member we would appreciate your feedback as well - the survey has just a couple of questions!

The survey only takes a few minutes - help us get our 2022 goals and plans prioritized: [CNIA Membership Survey](#)

Webinar - InPlace Software: Overview of how placement software can be used within the academic institution coupled with integration to hospitals

Wednesday, February 9, 2022 - 2:00pm EST

InPlace Software is a modern (SAAS) technology platform supporting an enterprise model for managing student workplace experiences – ensuring visibility, coordination

and efficiency for all participants fully supporting the placement/work experience lifecycle from start to finish.

InPlace Software supports the educator in building and managing a community of employers, enabling a single integrated database that maintains a record of all interactions with the institute's employer partners.

For an educator with many disciplines approaching employers for placements, a single consolidated repository of employer partners holding all student placement interactions is an invaluable resource.

REMINDER: Webinars are open to CNIA members only, as a benefit of membership.

[Register Here](#)

Profiling CNIA Board Members



Shauna Davies
Education Co-Director

How did you start your career in nursing? What first drew you to informatics?

I started my nursing career over twenty years ago as a bedside nurse in a trauma unit. I soon took the critical care course and began working primarily with cardiovascular patients. A few years after working at the bedside, I developed optic neuritis and was diagnosed with multiple sclerosis. I then shifted careers and started as a clinical instructor with third and fourth year nursing students. Working with nursing students, gave me an opportunity to try new things, such as using chat rooms for post conferences. Then I continued to explore new

ways to incorporate technology in education and was interested in how online social support groups could be used to provide education and support to patients, caregivers and new graduate nurses.

What was your first role in informatics?

My first role in informatics was teaching registered nurses (and patients) how to use iPads and various health and medical apps in direct patient care for education and support. This project provided many great learning opportunities as I received funding for the this project shortly after the first iPads were released, so we needed to start with developing policies for use, explored issues around types of apps that could be downloaded as well as examining the apps that were available at the time, created documentation forms, explored infection control issues as iPads were to be used in both hospital and community settings, as well as security matters.

What is your current role and what is the focus of the role?

I am currently involved in several research projects. One project is exploring the use of virtual reality to assess international applicants' competency for registration with a provincial paramedic association. I also recently was part of a team who completed an integrative review exploring ethical challenges regarding emerging digital technologies and virtual nursing care in clinical nursing practice. A team member will be presenting on this project in late April or early May so if you are interested in learning more about the findings of this project, watch for the upcoming webinar announcement.

What key messages do you have for nurses interested in working in the informatics field?

I would encourage all interested nursing students and registered nurses to seek out opportunities to learn more about informatics by joining their provincial or national informatics association, attend conferences related to their areas of interest and pursue graduate education. It is so important to not only learn about informatics and digital health but network with others who have similar interests, and ultimately, collaborate on projects or research.

Final thoughts

The COVID-19 pandemic has been a catalyst for digital transformation, with respect to fighting the pandemic and ensuring that essential services continue in education and healthcare. A key issue that has been identified is the need of connection, and developing meaningful connections in a digital world. This has created an exciting opportunity to expand the therapeutic nurse-client relationship in a digital world.



Ryan Chan
Education Co-Director

How did you start your career in nursing? What first drew you to informatics?

After graduating with my BScN from Western University, I began working as a staff nurse at the bedside which I continue to do so. Looking back at the time when I was an undergrad nursing student in my BScN, I did not initially expect informatics to be a topic/specialty within nursing until taking a course in nursing informatics. It was this course that not only introduced me to informatics, but also sparked my interest in such a unique specialty for/within nursing.

What was your first role in informatics?

As I continued to develop an interest in informatics since the undergraduate nursing informatics course, I would consider my first role in informatics after that would be when I had the opportunity to participate in a supervisor-led research project (exploring eMAR and medication errors among nursing students) which also supported my thesis as I completed my MScN at Western. My participation in this research project and the completion of my thesis provided me with the opportunity to further expand my lens and insights into informatics, as well as the unique relationships and implications between technology and nursing/healthcare practice.

What is your current role and what is the focus of the role?

Currently, I am a PhD Student at the Arthur Labatt Family School of Nursing, Western University where I continue to explore and aim to develop a greater understanding of the influence and impact of various emerging forms of technology (with examples such as artificial intelligence, machine learning, and other forms of data-driven algorithms) on nursing/healthcare practices, namely from a healthcare provider perspective. I also have the wonderful opportunity to be currently serving as the Co-Director of Education at CNIA.

What key messages do you have for nurses interested in working in the informatics field?

For nurses who are interested in working in the informatics field, I would say it is an extremely exciting field and that there are lots of opportunities to explore and take part in,

regardless of your previous nursing specialty. Furthermore, because of the uniqueness of informatics where it truly intersects with many (if not all) specialties within nursing, healthcare, and beyond, a lot of positive impact can also be made as a result of the work and initiatives (whether it be research-based and practice-based) that takes place within this domain.

Final thoughts:

From a personal experience, I would say that not only has nursing informatics been a wonderful specialty/area of practice that I have been able to take part in, but also the many people that I have had the opportunity to meet and work with has truly been phenomenal. Therefore, if you are interested in informatics and would like to further expand in this space, connecting with others such as through CNIA is one of the many excellent ways to start!! :)

UPCOMING: CNIA Award for Strengthening Nursing Informatics

Please keep an eye on your inboxes in February, for a new award that we're launching as part of our efforts to broaden and strengthen nursing informatics! Applicants must be members of CNIA to apply. The award will include a monetary component, as well as free registration to the CNIA conference.

CNIA - Join or Renew your Membership

CNIA acts as the voice for Nursing Informatics in Canada. Join or renew your membership and take advantage of the many benefits offered:

- webinars focused on topics of interest to our membership. Recordings of the webinars are made available only to members afterwards
- networking opportunities
- monthly newsblasts containing association updates, board and member profiles, opportunities for informatics education offerings and more
- discounts on annual conference registration fees
- access to the website, including a Members Only section. The website is currently being updated to ensure it contains more and newer resources
- opportunities to become involved in and contribute to the national nursing informatics dialogue and more!

Go to the [CNIA website](#) and join.

REMINDER: If you have not renewed your CNIA membership it will lapse effective January 30, 2022.

Membership Type	Yearly Fee
Regular – Open to any registered nurses, Nurse Practitioners(NPs), registered psychiatric nurse, certified graduate nurse, registered practical nurse and licensed practical nurses in good standing with their provincial or territorial regulatory body.	\$113.00
Jurisdictional – Open to any member in good standing from a jurisdictional nursing informatics association. This subgroup provides members with full voting privileges in all association matters. Individual members may now obtain a discounted membership from their jurisdictional informatics association (in the form of scanned document confirming membership)	\$56.50
International Nurse – Open to registered &/or licensed to practice within their country other than Canada	\$113.00
Non-Nurse Professionals – Open to nurses (e.g., retired, non-practicing) without active jurisdictional membership, and all non-nurses.	\$113.00
Institutional – Level 1(5-9 members)/Level 2(10+members)- Open to any organization that employs registered nurses, registered psychiatric nurses, certified graduate nurses, and licensed practical nurses. If this subgroup is selected, then the “institution” provides for only 5 voting members. Not more than 1 institutional subgroup member shall hold office at any given time on behalf of their organization.	\$67.80/\$56.50
Full Time Student Nurse – students formally registered in a full-time accredited Nursing program	FREE

The Digital Transformation of Nursing Practice

Join the Canadian Nursing Informatics Association for this critical conversation at our upcoming virtual conference event:

SAVE the DATE
JUNE 13-16 2022





Mark the dates in your calendar for the CNIA 2022 Annual Conference - June 13th to 16th, 2022. The conference will be entirely **virtual**.

Theme: The Digital Transformation of Nursing Practice

Tracks:

1. Knowledge to Action: Data Informed Practice, Process and Decision-making; Measuring Outcomes
2. Human Factors: Use and Usability; Integrating Technology and EHR Design
3. Nurses Leading Technology and Innovation
4. Communication and Collaboration Across Transitions of Care

The Call for Abstracts will be coming out shortly

Members Sharing



We interviewed CNIA member **Naureen Mukhi** who is taking the [Michener Institute Digital Health and Data Analytics program](#). Here's what she told us:

What made you decide to get more academic preparation in informatics/digital health?

The landscape of Digital and Virtual Health has changed tremendously since the COVID-19 pandemic. In addition, the era of Artificial Intelligence in Health Care is emerging and will be the new normal. I believe nurses from all fields should be equipped and prepared to face this

new normal. Considering my current role as a Clinical Informatics Specialist this is now the time more than ever to proactively engage, learn and participate to contribute in this field of research, education and practice.

What drew you to the Michener Digital Health program?

Many reasons drew me to this program. I will highlight the ones that stood out most:

- One of the program outcomes that stood out most for me is to facilitate the integration of machine learning, clinical algorithms, Artificial Intelligence and smart systems into clinical environments; maintain the systems for clinical use and rapidly deploy new emergent technologies. This includes planning, designing, and carrying out several hands-on data science and machine learning projects either as a part of a healthcare team or with an industry partner.
- This program is virtual (synchronous and asynchronous classes) with an option to opt for a digital practicum in the last two semesters.
- The program is designed to support students who are working full time.
- Lastly and this is true. The final motivation to join this program came when I attended the CNIA conference 2021 this year. Dr. Lynn Nagle's keynote address mentioned that the future of nurses includes nurses working as data scientists!

How is the program contributing to your learning?

Having completed the first semester this fall, I am already applying my learnings at work. Some examples include using the application of 10 heuristic principles and evaluation frameworks through the Digital Health course, equipping myself to perform better data qualities through the Data Science Course, and lastly developing a deep understanding of existing provincial and national programs and opportunities, roles of the government through the Canadian Health Care Ecosystem Course.

What would you say to nurses interested in expanding their digital health academic preparation?

One thing I have learned over time and I would like to share and encourage is the importance for nurses to opt for Micro-credentialing. This is a process of earning a micro-credential, which are like mini-degrees or certifications in a specific topic area. There are numerous possibilities for digital health academic preparations. The CNIA newsblast can be a great source for this.

Currently, in addition to this program, I have signed up for Data Camp and Virtual Care certificate (through Digital Health Canada).



Hamilton Health Sciences (HHS) is an academic teaching hospital with 15,000 staff, physicians, researchers and volunteers. With some of the region's most

comprehensive programs that provide care across all stages of life, HHS is a multi-site hospital system providing care across the Greater Hamilton Area, and surrounding areas. HHS is currently recruiting a Chief Nursing Information Officer. The Chief Nursing Information Officer (CNIO) provides clinical and administrative leadership and direction in the planning, delivery, and implementation of information systems. The CNIO will be part of Project Odyssey, the much anticipated modernization of HHS' hospital information system to Epic. For further information please visit the [HHS Careers](#) site and [apply](#) today.

Keltie's Digest on LinkedIn

Keltie Jamieson is a digital health leader living in Halifax, Nova Scotia. She publishes a weekly newsletter on LinkedIn that is open for anyone to join. You can subscribe to the newsletter [here](#).

Have an informatics item of interest to our members or subscribers?
Send it along to: communications@cnia.ca

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