

CNIA Newsblast: April 2022 BLAST

Canadian Nursing Informatics Association



The CNIA Newsblast delivers informatics news from Canada and around the world to our members and subscribers.

What's New this Month

While many of us are still waiting on some consistent spring weather, the season is already delivering demanding schedules and changing routines. Amidst the busy months ahead, I hope that you are able to take some time and engage with the CNIA as we prepare to celebrate national nursing week in May and connect with nurses across the country at our June virtual conference event (you can register today). Nursing informatics continues to be an important focus as significant technology rollouts continue in health systems across the country and we await the announcement of Canada's new Chief Nursing Officer. The CNIA is also supporting a Canadian dialogue on the important of Chief Nursing Informatics Officer roles, and you can read more about that in this edition.

Tracie Risling
CNIA President

Upcoming Webinars - May and June:

May 2022: May 26, 2022 at 6pm (Eastern Time) via Zoom

Event Title: A Panel: Exploring Contemporary Topics in Nursing Informatics and Digital Health

Moderators: Ryan Chan and Shauna Davies, Co-Directors of Education

Panelists:

Nadia Green RN, University of Alberta
Daniel de Costa RN, McGill University
Sally Remus RN, Western University
Kathy Nguyen RN, Université de Montreal
Abdulai Abdul-Fatawu RN, UBC

Purpose: The session will provide emerging professionals with an opportunity to address and explore contemporary topics in nursing informatics and digital health with the larger community and to network with CNIA members and other graduate students.

We welcome you to join our first graduate panel of 2022. Graduate students from across Canada will be answering questions and reflecting on contemporary topics in nursing informatics and digital health. In the first sixty (60) minutes, the moderators will have two to three planned questions for the panelists to start the discussion. Fifteen to twenty minutes will be provided for questions and answers. Following the panel discussion, there will be a thirty (30) minute networking event.

Intended Audience: All members, especially students interested in graduate studies

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

[Register](#)

June 2022: June 2, 2022 at 12pm (Eastern Time) via Zoom

Event Title: Developing a Nitroglycerin Dose Titration Decision Support System

Presenter: Navpreet Kamboj, RN, MScN, PhD Student, Lawrence S. Bloomberg Faculty of Nursing, University of Toronto

Brief Description: Nitroglycerin is a first-line medication for the acute relief of chest pain. For patients requiring a continuous infusion of nitroglycerin, there is no standardized dose of nitroglycerin because the impact of the medication on blood pressure varies significantly between patients. Therefore, a nurse must manually titrate (increase or decrease) the dosage to achieve optimal titration, defined as avoiding hyper and hypotension while achieving chest pain relief in the setting of an acute coronary syndrome. However, achieving optimal titration is challenging. Navpreet's research aims to *develop a nitroglycerin dose titration decision support system called NITRO DSS that provides a forecast of future blood pressure measurements at the time of nitroglycerin dose titration*. With insight into the predicted future blood pressure, nurses can adjust the current dosage to prevent hyper and hypotensive episodes, while achieving the target of chest pain relief.

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

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

CNIA

This year's virtual conference theme celebrates nurses' leadership and contributions to the many incredible advancements and innovative solutions that enabled optimal digitized care and quality nursing practice and education across Canada. Please join us in bringing together Canada's nursing informatics community to learn and network, as we continue to transform nursing practice in a post pandemic era and a digitized healthcare environment. Submissions are welcome from all domains of nursing (Education, clinical practice, research, administration, & policy) to any of the following tracks:

Conference Tracks:

1. Knowledge to Action: Data Informed Practice, Process, & Decision Making

This track creates opportunities for conference participants to learn about research and/or project initiatives associated with how nursing documentation, interdisciplinary care team data, and clinical decision support tools support/optimize:

- clinical decision making at the point of care
- care planning
- patient outcome measurement

2. Human Factors: Use & Usability, Integrating Technology & EHR Design

This track creates opportunities for conference participants to learn about research and/or project initiatives associated with how the integration of computing, and biomedical technologies intersects with and safely optimizes:

- the quality of nursing practice and workflow (clinical standards)
- EHR design
- digital automation of nursing documentation

3. Nurses Leading Emerging Technology Use & Innovation across all domains of nursing practice

This track creates opportunities for conference participants to learn about research and/or project initiatives associated with how nurses have creatively

integrated the use of telephony, virtual reality, computing, and bio-medical technologies to drive new evidence based practices and workflows that enhance the quality of care and the nursing profession.

4. Quality & Safety: Communication & Collaboration Across Transitions of Care

This track creates opportunities for conference participants to learn about research and/or project initiatives associated with how nurses interact with care team members to establish comprehensive and complete digital documentation and workflows to enable the safe transfer of patients; inter-unit, across care venues, and/or discharge to home.

Conférence virtuelle annuelle de l'Association canadienne d'informatique infirmière (CNIA) 2022

L'appel de résumés est maintenant ouvert - visitez la page de la conférence de la CNIA. L'inscription sera bientôt disponible !

Cette année, le thème de la conférence virtuelle célèbre les incroyables progrès et les solutions novatrices qui contribuent à l'optimisation de la qualité de la pratique infirmière et des soins supportés par les technologies en santé numériques partout au Canada. Qu'il s'agisse des répercussions associées à la pandémie, de l'isolement des patients et des résidents par rapport à leur famille, ou de la demande croissante d'initiatives en santé numérique, la contribution des infirmières et infirmiers pour la transformation de soins axés sur la qualité est incontournable. Joignez-vous à nous pour rassembler la communauté informatique infirmière du Canada afin d'apprendre, d'échanger et de développer nos réseaux, afin de continuer à transformer la pratique infirmière.

Thèmes de la conférence:

1. Des connaissances à l'action : Pratiques, processus et prises de décisions éclairés par les données

Ce thème permet aux participants à la conférence d'en apprendre davantage sur les initiatives de recherche ou de projet liées à la façon dont la documentation des soins infirmiers est effectuée dans la pratique et/ou des initiatives de projets associés à la façon dont la documentation infirmière, les données des équipes de soins interdisciplinaires et les outils d'aide à la décision clinique soutiennent/optimisent :

- la prise de décisions cliniques au chevet,
- la planification des soins
- la mesure des retombées de soins pour le patient

2. Facteurs humains : Utilisation et convivialité, intégration de la technologie et conception du Dossier de santé électronique (DSÉ):

Ce thème permet aux participants à la conférence de s'informer sur les initiatives de recherche et/ou des initiatives de projet associées à la façon dont les technologies informatiques et biomédicales s'arriment et s'intègrent en toute sécurité avec :

- la qualité de la pratique et du flux de travail des soins infirmiers (normes cliniques)
- la conception du DSÉ
- l'automatisation numérique de la documentation des soins infirmiers

3. Les infirmières à la tête de l'utilisation des technologies émergentes et de l'innovation:

Ce thème permet aux participants à la conférence de s'informer sur les initiatives de recherche et/ou des initiatives de projet associées à la façon dont les

infirmières ont intégré de manière créative l'utilisation de la santé virtuelle, de l'informatique et des technologies biomédicales pour conduire de nouvelles pratiques et flux de travail fondés sur des preuves qui améliorent la qualité des soins.

4. Qualité et sécurité : Communication et collaboration à travers les transitions de soins:

Ce thème permet aux participants à la conférence de s'informer sur les initiatives de recherche et/ou de projet liées à la manière dont les infirmières interagissent avec les membres de l'équipe de soins pour établir une documentation numérique et des flux de travail complets et exhaustifs afin de permettre le transfert en toute sécurité des patients, entre les unités, entre les lieux de soins et/ou la sortie à domicile.

Pour toute question liée à cette conférence, veuillez nous contacter à l'adresse suivante: communications@cnia.ca

La mission de la CNIA : Avoir un impact positif sur les retombées de soins de santé en faisant progresser le leadership en informatique infirmière.

La vision de la CNIA : Chaque infirmière et chaque milieu optimisent l'informatique et la santé numérique pour tous.

CONFERENCE REGISTRATION NOW OPEN

	Early Bird Fee March 14th to May 15th	Regular Fee May 16th – Conference
CNIA Member	\$125	\$140
Non-Member	\$200	\$225
Student	\$50 plus free membership pkg	\$65 plus free membership pkg

To Register - Visit the [Conference Page](#)

Conference at a Glance

	Time Block 1	Time Block 2
	8:00 - 9:30 am Pacific Daylight Time (Vancouver) 9:00 -10:30 am Mountain Daylight Time (Calgary) 9:00 - 10:30 am Central Standard Time (Saskatoon) 10:00 - 11:30 am Central Daylight Time (Winnipeg) 11:00 am - 12:30 pm Eastern Daylight Time (Toronto) 12:00 - 1:30 pm Atlantic Daylight Time (Halifax)	12:00 - 1:30 pm Pacific Daylight Time (Vancouver) 1:00 - 2:30 pm Mountain Daylight Time (Calgary) 1:00 - 2:30 pm Central Standard Time (Saskatoon) 2:00 - 3:30 pm Central Daylight Time (Winnipeg) 3:00 - 4:30 pm Eastern Daylight Time (Toronto) 4:00 - 5:30 pm Atlantic Daylight Time (Halifax)
Monday, June 13th	Conference Workshop: Introduction to Nursing Informatics Glynda Rees RN, MSN	Conference Workshop: Sustaining Digital Care Environments Helen Edwards RN, MN

	Dr. Manal Kleib RN, PhD	Rosa Hart RN, MHA Amy Williams RN, MSc
Tuesday, June 14th	Opening Keynote: A pivotal time for nurse informatics leaders as the pandemic expedites healthcare transformation Sonia Pagliaroli RN, MSc	Posters & Networking TBD
Wednesday, June 15th	Plenary Session: From innovation to practice: Collaborating with stakeholders for social impact Dr. Lillian Hung RN, PhD	Concurrent Sessions TBD
Thursday, June 16th	Panel Discussion: Nursing practice + nursing informatics: The partnership imperative TBD	Closing Keynote: Digital compassion: An essential part of nursing practice Dr. Gillian Strudwick RN, PhD

Spotlight Conference Profile



Plenary Session: From innovation to practice: Collaborating with stakeholders for social impact

Dr. Lillian Hung, RN, PhD
Assistant Professor
Canada Research Chair in Senior Care (Tier 2)

Dr. Lillian Hung is the founder and head of [IDEA lab](#) (Innovation in Dementia & Aging). Her research examines how technology and environment impact the care experiences of persons with dementia. She has expertise in patient-oriented research and knowledge translation. She is committed to facilitating connectivity between academia and practice, working collaboratively with interprofessional practitioners to find practical solutions to address pressing problems in care settings.

CNIA responds to reestablishment of Chief Nursing Officer role

The Canadian Chief Nursing Officer role has been reinstated. Strong leadership

has never been more important for nurses across the country. See the [response](#).

The value of the Chief Nursing Informatics Officer role

There is an ever increasing focus on the implementing and optimizing information technology in healthcare settings. The role of the Chief Medical Information Officer (CMIO) is well established across Canada, but the role of the Chief Nursing Informatics Officer (CNIO) has not received the same amount of recognition. See the [paper](#) for more details.

DEADLINE EXTENDED TO: April 29, 2022 11:59pm EST

New CNIA Award: Diversifying & Strengthening Nursing Informatics // Nouveaux prix: Diversifier et renforcer l'informatique infirmière

La traduction française suit.

New Award: Diversifying & Strengthening Nursing Informatics

At CNIA, we recognize that there is a persistent homogeneity in nursing leadership and informatics, with members frequently belonging to historically dominant and privileged groups that do not reflect the diversity of the nursing profession nor of the Canadian population.

To help address this issue, we're thrilled to launch a new award for diversifying and strengthening nursing informatics in Canada. Two \$500 awards and free virtual conference registration will be made available.

Applicants (nurses or nursing students) will be asked to share how historically under-represented perspectives in nursing informatics, including their own, are necessary to improve digital health for all (i.e., the use of data and digital technologies in healthcare - including social media and apps).

CNIA membership is not required to apply, but we encourage all applicants to join. Remember – student membership is free! The deadline to apply has been extended to **April 29, 2022 at 11:59pm EST**.

For further instructions and the link to the Google submission form, please download the pdf here: <https://cnia.ca/Awards#Diversity>

If you have any questions, email awards@cnia.ca.

Nouveaux Prix : Diversifier et renforcer l'informatique infirmière

Au CNIA, nous reconnaissons qu'il existe une homogénéité persistante dans le

direction infirmier et l'informatique, les membres appartenant souvent à des groupes historiquement dominants et privilégiés qui ne reflètent pas la diversité de la profession infirmière ni de la population canadienne.

Pour aider à résoudre ce problème, nous sommes heureux de lancer un nouveau prix pour la diversification et le renforcement de l'informatique infirmière au Canada. Deux prix de 500 \$ et l'inscription gratuite au conférence virtuelle seront offerts.

Les candidats (infirmières ou étudiantes en soins infirmiers) seront invités à expliquer comment les perspectives historiquement sous-représentées en informatique des soins infirmiers, y compris les leurs, sont nécessaires pour améliorer la santé numérique pour tous (donc l'utilisation des données et des technologies numériques dans les soins de santé - y compris les médias sociaux et les applications).

L'adhésion à l'ACII n'est pas obligatoire, mais nous encourageons tous les candidats à s'inscrire. N'oubliez pas que l'adhésion des étudiants est gratuite! La date limite pour présenter une demande est maintenant **le 29 avril, 2022, 23h59 EST**.

Pour plus d'instructions et le lien vers le formulaire de soumission Google, veuillez télécharger le pdf ici : <https://cnia.ca/Awards#Diversity>

CAMH Digital Health Research Symposium:

Translating Discovery into Real-World Care

Join us virtually for a symposium to identify opportunities for research to impact clinical care at CAMH | 28 April 1:00 - 4:30 p.m.

Agenda

- Intro & Opening Remarks 1:00 - 1:10 p.m.
- Keynote 1:10 - 1:30 p.m.
- Presentations 1:30 - 2:10 p.m.
- Breakout Facilitated Discussion 2:10 - 3:00 p.m.
- Break 3:00 - 3:10 p.m.
- Group shareback 3:10 - 4:00 p.m.
- Closing 4:00 - 4:10 p.m.
- Poster viewing 4:10 - 4:30 p.m.

Breakout Streams

- 1 Integrating digital health tools into clinical care processes
- 2 Adapting digital health tools to the CAMH context
- 3 Best practices for education and training
- 4 Utilizing data to improve care

Registration link:

<https://camh.webex.com/camh/j.php?RGID=r6ee6a0a69a09a03652b0a7d07f88dc08>





Keynote Speaker

Munmun De Choudhury is an Associate Professor of Interactive Computing at Georgia Tech. Dr. De Choudhury is best known for laying the foundation of a line of research that develops computational techniques to responsibly and ethically employ social media in understanding and improving our mental health. To do this work, she adopts a highly interdisciplinary approach, combining social computing, machine learning, and natural language analysis with insights and theories from the social, behavioral, and health sciences.



SAGE Open Nursing has published a call for a "Special Collection: Reaching the Tipping Point - Transforming Patient Care Through Digital Technology. See their [site](#) for more details.



Stanford
MEDICINE

UCSF



Climate Change and Informatics Study

Dear Colleagues,

We are asking you to take part in a brief research survey about climate change, health, and informatics. The healthcare community has been called to action to address the growing specter of climate change through reports such as the Lancet Countdown on health and climate change. In September 2021 the editors of over 200 medical journals issued a joint editorial calling for global action on addressing the health threats of climate change, including an accompanying editorial by JAMIA calling for advocacy and informatics based solutions.

This survey seeks to capture perspectives on how informatics-based

This survey seeks to capture perspectives on how informatics based interventions could be developed or deployed by healthcare systems to address a range of climate health issues from clinical care impacted by climate change (adaptation) to the upstream process of monitoring and facilitating healthcare decarbonization (mitigation). The results of this anonymous survey will be used to advance knowledge of where informatics efforts should be focused over the next few years to address the challenges of climate change.

Participating in this research is optional. If you choose to participate, you will complete an anonymous online survey that takes about 10-15 minutes. You can skip questions that you do not want to answer or stop the survey at any time. Please do not include your name or other information that could be used to identify you in the survey responses. This survey is being led by Chethan Sarabu MD, Stanford Medicine, along with investigators at UCSF, Boston Public Health Commission, and Stanford Climate and Health. For more information please contact Dr. Sarabu at chethan.sarabu@stanford.edu. If you have questions or concerns about your rights as a research participant, you may call the Stanford University IRB at (650) 736-7457.

If you wish to participate in this study, please review the [consent form](#), and then click the button below to start the survey. You will be asked to acknowledge that you consent to the study at the start of the survey. Please print or save a copy of the consent for your records.

[Survey](#)

With appreciation,
Chethan Sarabu, MD, Stanford Medicine
Andrew Deonarine, MD, MSc, MHSc, PhD, Northern Health & Boston Public Health Commission
Stefano Leitner, MD, MPH, UCSF
Oluseyi Fayanju, MD, MA, Stanford Medicine
Myroslava Fisun, Stanford Climate and Health

We want to hear from you!

We know that many of our CNIA members are involved in key and strategic informatics initiatives that would be of great interest to the whole membership. Send an email to communications@cnia.ca with your name and title of the initiative, and you will be contacted to provide more details for inclusion in an upcoming newsblast.

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

Canadian Nursing Informatics Association c/o Canadian Nurses Association:

50 Driveway, Ottawa ON, K2P 1E2 | Canada

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