National Nursing Informatics Perspective

June Kaminski, RN MSN PhD(c)

President, CNIA

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We Live in Exciting Times!

- Standards and National Initiatives
- Nursing Languages
- E-health and Tele-nursing
- Networks and Web 2.0
- Simulations, Multimedia, Virtual Reality
- Education, Certification
- Research and Awards

Standards and National Initiatives

- Canada Health Infoway:
  http://www.infoway-inforoute.ca
- COACH –Canada's Health Informatics Assn:
  http://coachorg.com/
- CIHI: - Canadian Institute of Health Information
  http://cihi.ca
- Canadian Nurses Association: - NURSE ONE
  http://www.cna-nurses.ca/
- Canadian Nursing Informatics Association
  http://cnia.ca

Canada Infoway

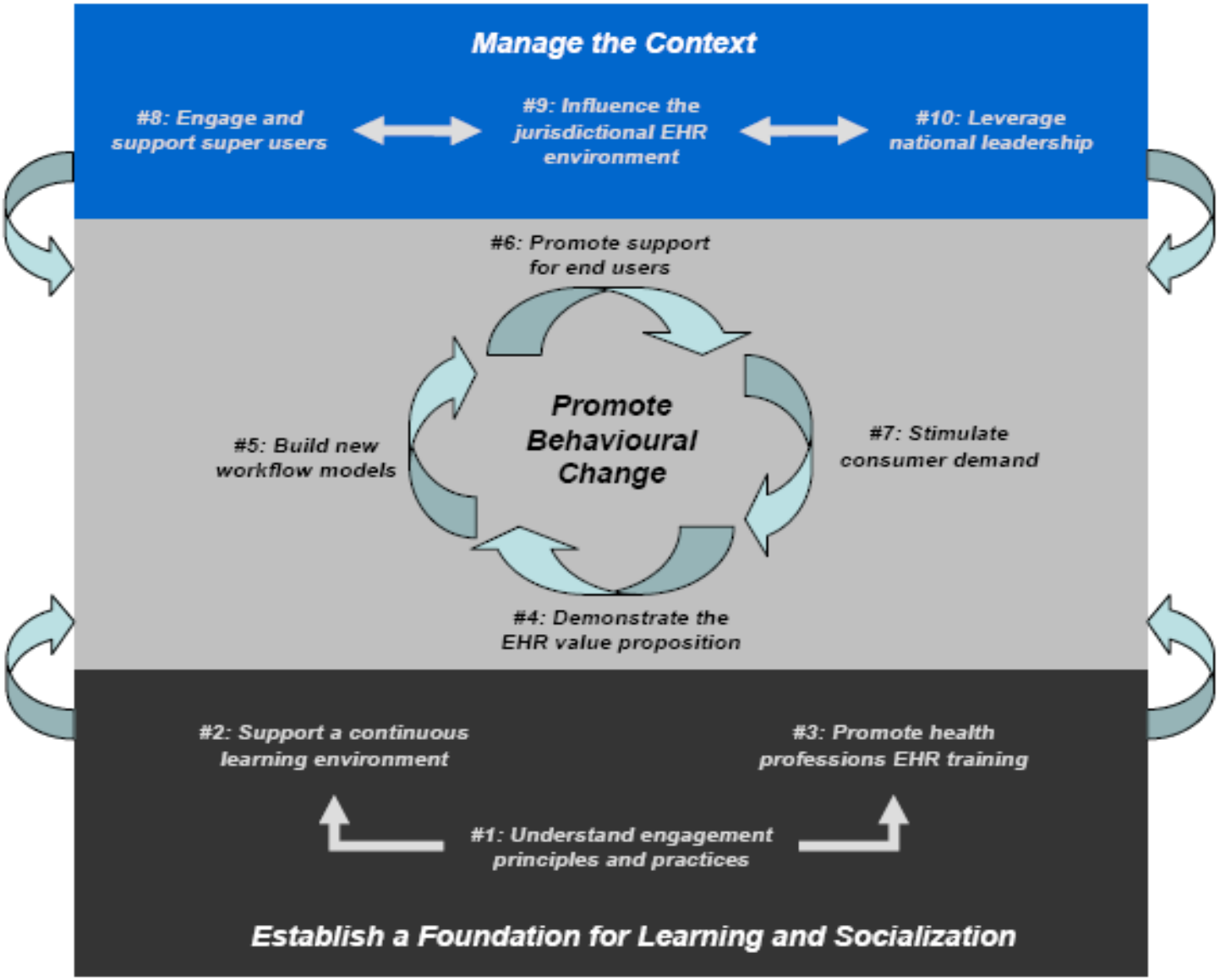
http://www.infoway-inforoute.ca/Admin/Upload/Dev/Document/Vision_Summary_EN.pdf

Canada InfoWay

End User Acceptance Strategy

- Four person expert clinician team formed in 2006 including Dr Lynn Nagle, founding CNIA President to address acceptance of health information technology such as EHRs by end users: e.g. doctors, nurses, pharmacists, etc.
- **GOAL:** to provide advice on technology adoption challenges faced by healthcare providers.

THE END USER ACCEPTANCE STRATEGY AND PROJECTS



http://www.infoway-inforoute.ca/Admin/Upload/Dev/Document/End%20User%20Acceptance%20Strategy%20April%2006%20_EN.pdf

The End User Acceptance Strategy is built around three broad strategic themes and ten specific Projects.

COACH

- The COACH Board of Directors has engaged in a comprehensive strategic planning process and developed a new Strategic Plan to cover the period from April 2008 to April 2011. A key element of the plan is the COACH Vision:

Taking Health Informatics Mainstream

http://coachorg.com/%5Cdownloads%5CCOACH%20Strategic%20Plan%20Final-Jan%2010.pdf

CIHI

- CIHI is an independent, not-for-profit organization that provides essential data and analysis on Canada's health system and the health of Canadians.
- CIHI's data and reports focus on:
  - Health care services
  - Health spending
  - Health human resources
  - Population health

CIHI Databases

- Health Human Resources Databases
- Health Spending Databases
- Health Services Databases
- Bulletins
- Data Quality

CNA – NURSE ONE

- http://www.nurseone.ca/
- E Nursing Strategy
- http://www.cna-aiic.ca/CNA/documents/pdf/publications/Enursing-strategy-brochure-e.pdf

New 2008 Code of Ethics

Maintaining privacy and confidentiality

Nurses recognize the importance of privacy and confidentiality and safeguard personal, family and community information obtained in the context of a professional relationship.

http://www.cna-aiic.ca/CNA/documents/pdf/publications/Code_of_Ethics_2008_e.pdf

CNA E-Nursing Strategy

The Canadian Nurses Association calls on nurses in all areas of practice to work with our health-care partners in ongoing partnerships that ensure nursing will make its best contribution to the future health-care of Canadians. We must all work toward a health-care system in Canada that uses ICT optimally and effectively to provide the highest quality of care possible.

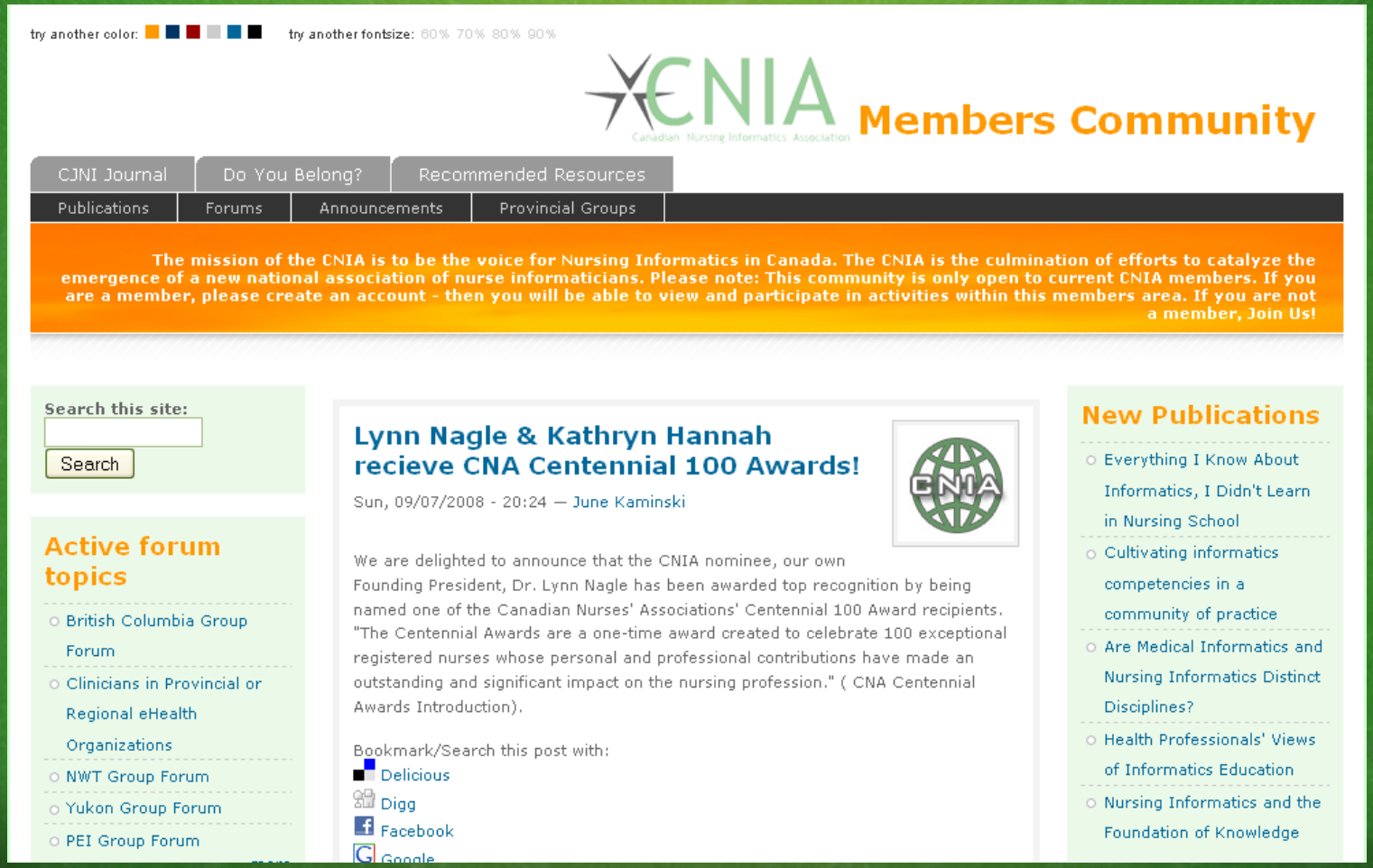
CNIA

Canadian Journal of Nursing Informatics
http://cnia.ca/journal/journal.html

CNIA Member Community
http://cnia.ca/membersonly/

Next Conference: Fall 2009

CNIA Member Community



http://www.cnia.ca/membersonly/

C-HOBIC

Nursing Language

- In the fall of 2006, the Canadian Nurses Association (CNA) partnered with the ministries of health of Ontario, Prince Edward Island and Saskatchewan to submit a proposal to Canada Health Infoway for funding to support the inclusion of nursing-related information in EHRs.

E-health and Telenursing

> **Canadian Excellence in E-Health**

- Physician office systems
- Electronic health records
- Imaging equipment and picture archiving and communications systems
- Drug information systems
- Alternative health care delivery support systems
- Administration and financial solutions

Networks and Web 2.0

- **Client focused networks** - telenursing, e-health, and client support networks
- **Work related networks** – virtual work and virtual social networks
- **Learning and research networks** - communities of practice

Simulations, Multimedia, Virtual Reality

- **Simulation Labs** common in Schools of Nursing and some agencies for orientation or skill development
- **Multimedia** augments learning, sharing, and communication
- Virtual Reality and Games – are being explored for health education and simulation e.g. http://www.gamesforhealth.org/

Education, Certification

- CNA updating competencies related to NI in newest edition
- Beginning discussions on setting up Canadian NI Certification
- Need to address NI integration in Canadian SONs AND PD for practicing nurses
- This is the largest gap in NI application

Research and Awards

- The body of literature in NI is steadily growing – a Canadian component should be cultivated
- Rationale for the CJNI – to encourage Canadian nurses to seek publication of their NI work, including papers, multimedia, web projects, and so on.
- This area needs much more work

Nursing Informatics Pioneers win CNA Centennial 100 Awards

Lynn Nagle & Kathryn Hannah

Well known as Canadian Nursing Informatics Experts, both were awarded this high distinction in Summer 2008!

http://23072.vws.magma.ca/centennial/eng/awards-program-centennial-awards.aspx