STRICTIC DIRECTIONS AND INITIATIVES 2022 - 2027

1. Strengthen Engagement with CPI Community
2. Nurture the NCC
3. Facilitate Excellence in Research
4. Facilitate Strengthening & Broadening Training
5. Build Partnerships
6. Influence Public Policy
7. Promote Cybersecurity and Privacy Awareness
STRENGTHEN ENGAGEMENT WITH CPI COMMUNITY

Spotlight Faculty Expertise

- Articles: CPI Spotlights, Videos: ‘Behind the Firewall’.

Newsletters


New initiatives

- CPI student membership, Faculty Fellow program, Student awards.

PULSE CHECK SURVEY

3.87/5

‘Has CPI helped/informed/spotlighted you or your research on a scale of 1 to 5’
NUTURE THE NCC

12 CPI members
8 Proposals

Support CPI members submitting NCC proposals
- 7 R&D
- 1 Training (Comprehensive Multi-Disciplinary Cybersecurity Training), with WatSPEED

Support the startup phase of NCC
- Helping NCC with preparations for the shovel-ready call, staff recruitment
FACILITATE EXCELLENCE IN RESEARCH

Chippie Cluster

19 Cluster users  66,999 Machine hours  Jan–Jul 2023

Seed Grants

- 6 Interdisciplinary Grants with Waterloo.AI and RoboHub

Support for CPI Members’ grant proposals: e.g.,

- DND IDEaS “Secure and Reliable End-to-End Network Slicing for 5G and Beyond Mobile Networks”
- Several under review (ORF-RE, NCC, etc.)
- SSHRC “Workshop on Interdisciplinary Approaches to Cybersecurity and Privacy”
FACILITATE STRENGTHENING & BROADENING TRAINING

Through sponsors CPI offers
- New CPI Undergraduate Awards (4 Awards in Spring)
- Excellence Graduate Scholarships (6 Awards in 2019-2023)
- Anticipated in Fall

Facilitating industry involvement in course design
- eSentire partnership for Digital Forensics course using Atlas XDR platform

Professional Upskilling with WatSPEED
BUILD PARTNERSHIPS

CPI Partner: Mastercard - Research
Theme: Trust in Data
- Hengartner (CS), Barradas (CS), Kerschbaum (CS),
  Hajiabadi (CS), Tripunitara (ECE)

Business Development Manager
Ganna Bondarenko
- Partner with CPI: Faculty Fellowship – Student
  Engagement – Thought Leadership/Researcher
  Consultation – Events – Coordinating Communications
INFLUENCING PUBLIC POLICY

‘Cybersecurity, Privacy and Artificial Intelligence in Health’ led by Anindya Sen

- **Sponsors**: CPI, CIHI, Stats Canada, Health Canada
- **Speakers**: Deputy Health Minister Lucas, Chief Statistician Arora, President Goel, CPI Members

‘The Weaponization of Disinformation in Canada’ led by Bessma Momani

- **Keynote Speaker**: Kelly Bruce, Chief of CSE (2018-2022)

Both events leveraged CPI seed grants
PROMOTE CYBERSECURITY AND PRIVACY AWARENESS

28  CPI media features in 2023

In *Scientific American* on watermarking AI-generated content

691%  Increase in followers

Leveraging LinkedIn for thought leadership, promoting CPI research

1,932  Subscribers to CPI’s newsletter

*The Privacy Perspective* newsletter - a 221% increase in subscribers

438  Average number of readers per CPI Spotlights

New creative content strategy led by Comms. Manager Harminder Phull: *CPI Spotlights* series, *Behind the Firewall* video series

22  Videos released in 2023

*CPI Talks*  a public outreach lecture series
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