

Public Safety Priorities – 2014 (IMHO)



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Agenda

Theme – **SAFETY**, Economics & Innovation

- Collaborative Centre for Justice and Safety
- Setting the Stage
- National Priorities
- Regional Priorities
- New Models
- CATA activities
- Discussion

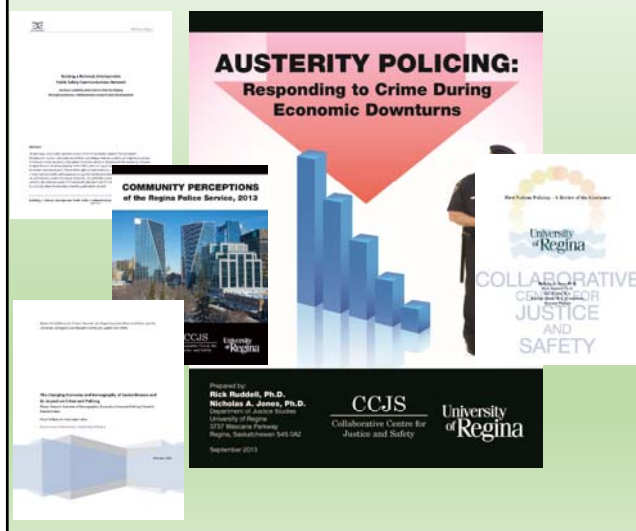
Collaborative Centre for Justice and Safety

- A multi disciplinary approach towards more just institutions, safer communities & front line, inter-professional collaborative strategies
 - Between faculties
 - Between universities
 - With government
 - With associations & industry
 - With front line organizations
- Unique in Canada



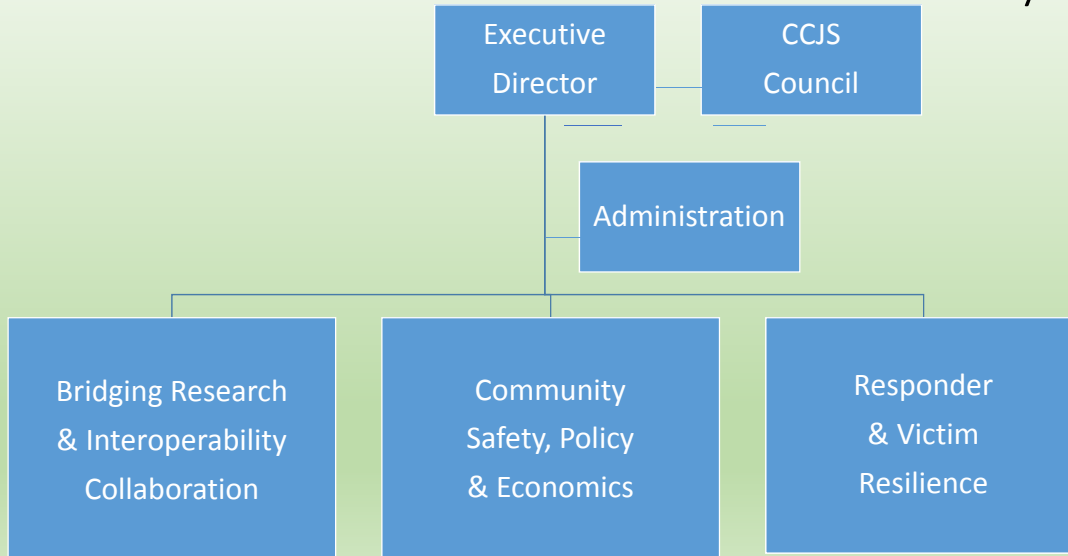
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Outputs / Fellows



Justice Studies
 Psychology
 Philosophy
 Women's / Gender Studies
 Economics
 Education
 Computer Science
 Engineering
 Geography
 Business
 Public Policy
 Kinesiology
 Indigenous Peoples Health Research
 Nursing
 UofR Press

Collaborative Centre for Justice and Safety



Priorities Context – The Big 6

1. Demographics
 2. Infrastructure
 3. Weather
 4. International
 5. Technology
 6. Economics
- Public Safety is big business
 - Public / Community safety has many active stakeholders
 - Facing change (incremental, rapid, disruptive?)
 - Quantitative and Qualitative measures confirm Canada is doing well - Quality of Life, life expectancy, happiness....
 - However: BRIC and N11 are growing fast

National Priorities

Land Mobile Voice Radio

- Renewal well underway, substantially complete in some areas
- Major CAPEX \$2B+
- Going well
- Interoperability gains (kudos)
- Incremental change

Public Safety Broadband Network - 700MHz

- Early stage – options analysis
- Trigger? - Federal announcement on 20 MHz
- Challenges
 - \$ - user pay
 - Category of users (broader the better)
 - Disruptive change - transformation
 - Trust / courage / leadership (carrier collaboration)

National Priorities - 2

ng911

- NG911 – limited text to PSAP
 - Early days, will start in 2014
 - Expectation management
 - Will need to evolve rapidly
 - Disruptive change
- Mobile 911
 - More mobile than land line in Canada
 - Growing rapidly
 - Incremental or disruptive change?

Public Alerting Systems

- **National** alerting “Weather Channel”
 - Slow implementation
- **Regional**
 - MASAS- RFP to privatize coming
- **Local / Institutional**
 - Early phases
 - Multiple suppliers
 - Non standard
 - Non integrated
 - Public / private
- Opportunities to be transformative but will be disruptive

National Priorities - 3

Economics of Policing Community Safety (FPT)

1. efficiencies within police services;
2. new models of community safety; and
3. efficiencies within the justice system.

Mental Health

National Associations

- CACP- Research Foundation
 - Technology
 - People
 - Operations
 - \$
- Paramedics
 - People
 - Operations
 - Rigour
- Fire
 - Evidence based decision making

Regional Priorities -1

Video

CCTV, in-car, body worn, Automated License Plate Readers...

- Early adoption – growing
- Pressures for and against
- Privacy concerns
- Records Management Systems
- Storage retention
- Disclosure

IT Renewal

- Ageing databases, not linked
- Federal single IT centre

- **Disruptive / transformative**

Wearables

- Google Glass
- Monitors (quantitative selfers)
- Legislation
- Distraction
- Privacy
- Early adoption- growing
- Disruptive / transformative?

Regional Priorities -2

Education

Simulation

- Training
- Planning
- Exercises

Distance Education

- Growing (CPKN – collaborative model of success)
- Incremental – (validation)

Responder Resilience / Safety

PTSD

- Not well understood
- Impacts beyond the individual
- Costly
- Best efforts – not good enough

Workplace injury

- New building construction
- Heavy lifts
- Repetitive strain in-vehicle data systems

Regional Priorities - 3

Self Driving Vehicles

- The vehicle is closer than they appear!
- Self-parking
- Situational awareness
- Black box – voluntary +
- Impact on DUI road kill?
- Disruptive - Transformational

UAV

- Limited operations
- Accident investigations
- Search and Rescue
- Challenges
 - Beyond line of sight, urban, weather
 - **PERCEPTION**
- Incremental change, maybe transformation (economy, green)

New Models for Interagency Collaboration

HUB-COR

- Multi-agency – problem solving early
- Community Mobilization Prince Albert
- Demonstrating success
- Expanding to 10 Saskatchewan cities and beyond
- Transformational / disruptive

Government, Responder, Academic (Industry) Collaboration

- Teaching hospital concept for Responders (Practitioner Researcher)
- Systems approach to problem solving (identify, options, pilot/research, evaluate, implement)
- Transformational

CATA -Public Safety Advisory Board

- Public Safety Broadband Network – identify and undertake activities for facilitate implementation
- Vendor Outreach Forum – bringing the responder and vendor communities together to share information, ideas and opportunities
- Outreach with issues of general interest
 - techNOW- 3-5 minute videos
 - Webinar – 30-60 minute information exchange
- Research & Publications
 - Tri-service Technology Gap Analysis
- Advocacy

Discussion

Events

- June 2014 – Conference Board of Canada, Emergency Management Council
- June 2015 – Canadian Criminal Justice Institute General Meeting

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