Alberta Gambling Research Institute Conference 2019: Blurred Lines in Gambling Research

Browne, Matthew; Clark, Luke; Cunningham, John; Hilbrecht, Margo; Johnson, Mark R.; Quilty, Lena C.; Rodda, Simone; Sanders, James; Tavares, Hermano; Tremblay, Joël...

http://hdl.handle.net/1880/110151
conference proceedings

Downloaded from PRISM: https://prism.ucalgary.ca
Northwestern Ontario Wellness: A Participatory Research Initiative in the Context of Gambling Expansion

Lena C. Quilty, PhD, CPsych
Senior Scientist
NOW: A Participatory Research Initiative

Disclosure of Potential Conflict of Interest

Grants/Research Support (past 5 years):
- American Foundation for Suicide Prevention
- National Institutes of Health
- Canadian Institutes of Health Research
- Ontario Brain Institute
- Ontario Mental Health Foundation
- Gambling Research Exchange Ontario
- Ontario Lottery & Gaming

Consulting Fees:
- Servier
NOW: A Participatory Research Initiative

The NOW Program: The Process

The NOW Program: Baseline Data

The NOW Program & Beyond: Knowledge Translation

Discussion
1

The NOW Program: The Process
Northwestern Ontario

Northern Gaming Zone 4
- City of Kenora
- WON Reserve
Northwestern Ontario
NOW Program: The Process

Gambling expansion in Northwestern Ontario carries not only economic opportunity but also public health risk

The NOW Program was initiated by CAMH in 2015 in collaboration with OLG and local community partners to mitigate that public health risk
NOW Program: The Process

NOW Research:
- To **guide**, e.g., to highlight community needs
- To **evaluate**, e.g., to test whether needs are being met
NOW Program: The Process
NOW Program: The Process
NOW Research: The Process

Participatory research model
- > 70 community members provide input
  - Communications: Forums, Basecamp, teleconferences, emails

Advisory committee provides more detailed feedback including:
- Reviewing study survey, advertisements
- Consulting on recruitment, honoraria
- Informing long-term study plans and priorities
NOW Research: The Process
NOW Research: The Process

WHERE WE WERE

- Kenora forum to identify research questions
- Kenora survey to confirm research questions
- Research proposal submitted to GREO for external review
- Revised research proposal submitted to GREO for final review
- Kenora forum to confirm research proposal

May 2016
June 2016
August 2016
November 2016
January 2017
NOW Research: The Process

02

Research contract with GREO executed

Kenora research team hired

Kenora forum to confirm survey and recruitment

Research study launched!

Kenora forum to review early results and links to health promotion and service planning

Research study reaches halfway mark!

APPROACHING FINAL DESTINATION

- April 2017
- June 2017
- September 2017
- February 2018
- May 2018
- July 2018
1. What are the gambling behaviours, knowledge, beliefs, and attitudes of those in the region, including:

- The general public
- Higher-risk groups
- Young adults & the elderly
- Frontline healthcare providers
NOW Research: Questions

2. What are the links between gambling and the general health status and healthcare utilization of the general public and higher-risk groups in the region, including:
   - Mental health & addictions
   - Suicide outcomes
   - Psychiatric and psychosocial treatment
   - Community & social supports
NOW Research: Questions

3. What risk & resilience factors associated with harmful/problem vs. safe/positive play are present?

- Demographic variables, e.g., age, gender, ethnicity
- Motivation, e.g., general and gambling-specific
- Personality, e.g., impulsivity
- Cognition, e.g., capacity, processing, content
NOW Research: Design

600 adults from the Kenora-Rainy River Region

400 to complete “core” survey only
  - Gambling, health, care/support
  - 30-40 minutes in duration

200 to complete “core” + expanded survey & tasks
  - More detailed assessment relevant to prevention/treatment
  - 1.5-2 hours in duration (total)

Repeated assessments before and after casino opening
NOW Research: Recruitment

Seeking Study Participants!

NOW Northwestern Ontario Wellness
A gambling response program

About the study
Researchers at the Centre for Addiction and Mental Health in affiliation with the University of Toronto are conducting a new study of gambling and wellness in the Kenora area.

What is involved?
Completion of an online survey about:
- Your background
- Your experiences with and opinions about gambling
- Your current health and care

Who is eligible?
You may be eligible to participate if you are:
- 18 years or older
- Live in the Kenora area

How long does it take?
Approximately 30 to 45 minutes
YOU WILL BE COMPENSATED FOR YOUR TIME

How do I get started?
Email: Leah.Green@camh.ca
Call: (807) 468-3724
Visit: www.nowresearchproject.ca

www.nowresearchproject.ca

Copyright © 2017, CAMH
NOW Research: Recruitment
The NOW Program: Baseline Data
NOW Program: Baseline Data

Core:
$N = 812$

Extended:
$N = 53$
NOW Program: Baseline Data

Sex

Age

- 30% Females
- 70% Males
- 26% 18-24
- 11% 25-34
- 9% 35-50
- 50% 50-64
- 4% 65+
NOW Program: Baseline Data

Demographics

- 79% Other
- 14% First Nations
- 7% Métis
NOW Program: Baseline Data

- Participants endorsed both positive & negative views of casino
NOW Program: Baseline Data

- Moderate to high-risk gambling endorsed by 7%

![PGSI Gambling Risk](chart.png)
NOW Program: Baseline Data

- Participants endorsed high levels of pre-commitment
NOW Program: Baseline Data

- Participants endorsed a wide range of gambling motivations.
NOW Program: Baseline Data

PHQ-9
- 10%
- 89%

GAD-7
- 11%
- 89%
NOW Program: Baseline Data

- **Age**
  - Positive play positively correlated ($rs \ .09-.16$)
  - Gambling problems negatively correlated (-.12)
  - Gambling motivations negatively correlated (-.10-.17)
  - Secondary prevention?

![Moderate to High-Risk Gambling Across Age](chart)
The NOW Program & Beyond: Knowledge Translation
NOW Program: Knowledge Translation

- Data Sharing Agreements currently being co-developed
  - Led by CAMH Aboriginal Outreach and Engagement
  - Multiple agreements (Treaty 3, KCA, MNO)

- Incorporate range of alternatives:
  - Sharing of raw data & data dictionary
  - Collaborative data analysis & reporting
  - Capacity building (e.g., workshops, coaching)
  - Supporting locally led research & evaluation
NOW Program: Knowledge Translation

- Health promotion & primary prevention
  - Provincial
    - Responsible Gambling Council
    - Ontario Lottery & Gaming
  - Local
    - Northwest Health Unit
    - Lake of the Woods District Hospital
    - Kenora Chiefs Advisory
    - Many others...
NOW Program: Knowledge Translation

- Health promotion & primary prevention
- Advertising campaigns, e.g., billboards, radio, social media
- Interactive booths at community events
- Educational events at local schools
NOW Program: Knowledge Translation

- Capacity building in frontline services
  - Webinars & coaching
  - Workshops

- Screening & assessment
- Culturally adapted protocols & training
NOW Program: Acknowledgements

- Investigator Team
  - Co-PIs: Janine Robinson & Renee Linklater
  - Co-Iss: Tara Elton-Marshall, Daniela Lobo, James MacKillop, Samantha Wells

- CAMH Research & PSSP Team
  - Kenora: Leah Green & Emily Todd (Research), Michelle Andy, Michelle Guitard & Christine Lebert (PSSP)
  - Toronto: Sasha Allen, Rebecca Persaud, Premika Premachandiran; Branka Agic, Julie Bull, & Sylvia Hagopian (PSSP)

- Kenora and Rainy River community
- All NOW participants!
Discussion
Thank You

camh
Extra Slides
### NOW Research: Core Measures

<table>
<thead>
<tr>
<th>Self-Report Questionnaires</th>
<th>Duration (min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Background and Demographics</td>
<td>10.00</td>
</tr>
<tr>
<td>Canadian Problem Gambling Index (Parts 1 &amp; 2)</td>
<td>5.00</td>
</tr>
<tr>
<td>Gambling Craving Scale</td>
<td>1.00</td>
</tr>
<tr>
<td>Gambling Motivations Questionnaire</td>
<td>1.50</td>
</tr>
<tr>
<td>Gambling Fallacies Measure</td>
<td>2.00</td>
</tr>
<tr>
<td>Gambling Cognitions Inventory</td>
<td>3.50</td>
</tr>
<tr>
<td>Attitudes Towards Gambling Scale</td>
<td>1.00</td>
</tr>
<tr>
<td>Positive Play Index</td>
<td>1.50</td>
</tr>
<tr>
<td>Positive and Negative Affective Schedule</td>
<td>1.50</td>
</tr>
<tr>
<td>GAIN Short Screener</td>
<td>3.00</td>
</tr>
<tr>
<td>Patient Health Questionnaire-9</td>
<td>1.00</td>
</tr>
<tr>
<td>Generalized Anxiety Disorder-7</td>
<td>1.00</td>
</tr>
<tr>
<td>World Health Organization Quality of Life Scale - Bref</td>
<td>3.00</td>
</tr>
</tbody>
</table>
## NOW Research: Extended Measures

<table>
<thead>
<tr>
<th>Self-Report Questionnaires</th>
<th>Duration (min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brief Symptom Inventory</td>
<td>4.00</td>
</tr>
<tr>
<td>Alcohol Use Disorder Identification Test</td>
<td>2.00</td>
</tr>
<tr>
<td>Drug Abuse Screening Test</td>
<td>2.50</td>
</tr>
<tr>
<td>Suicidal Affect-Behavior-Cognition Scale</td>
<td>1.00</td>
</tr>
<tr>
<td>Distress Tolerance Scale</td>
<td>2.00</td>
</tr>
<tr>
<td>Intolerance of Uncertainty, Short-Form</td>
<td>1.50</td>
</tr>
<tr>
<td>UPPS-P Impulsive Behaviour Scale – Short Version</td>
<td>3.00</td>
</tr>
<tr>
<td>The Brief Cope</td>
<td>2.50</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Behavioural Tasks</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Shipley - 2</td>
<td>10.00</td>
</tr>
<tr>
<td>Monetary Incentive Delay</td>
<td>20.00</td>
</tr>
<tr>
<td>Probabilistic Reward Task</td>
<td>20.00</td>
</tr>
<tr>
<td>Go-No Go Task</td>
<td>5.00</td>
</tr>
<tr>
<td>Monetary Choice Questionnaire</td>
<td>1.00</td>
</tr>
<tr>
<td>Delay Discounting Task</td>
<td>3.00</td>
</tr>
<tr>
<td>Probability Discounting Task</td>
<td>5.00</td>
</tr>
</tbody>
</table>