

ALBERTA GAMBLING RESEARCH INSTITUTE
Annual Report 2021 - 22

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For additional information on research grants and other Institute initiatives, visit <https://research.ucalgary.ca/alberta-gambling-research-institute>

The Alberta Gambling Research Institute provides grant funding to support peer-endorsed academic investigations into many aspects of gambling research. The contents, recommendations, and findings of the associated research reports represent the views of the researcher(s).



When life gives
you lemons,
learn to juggle.

-James Patterson



Message from the Board Chair

This year's Annual Report, AGRI's 22nd, outlines our efforts to sustain and strengthen the Institute's work in fostering understanding gambling in society, its consequences, the effectiveness of efforts to mitigate negative impacts, and improve methods to protect the most vulnerable.

COVID has again had a major impact on the organization, necessitating the reorganization of activities for implementing programs to achieve our mandate. I am happy to report that these efforts have been very successful, so that all programs have been fully operational and the work continues apace.

The Annual Conference, April 27-29, 2021, was fully virtual and very well received; drawing a record audience both in terms of numbers and range of participants. The focus of the conference was the presentation of the first round of results from the AGRI National Project, a collabor-

ation with many partners across Canada. I would like to thank Ms. Glenda Wong for her relentless commitment to ensuring the conference's success, to the program organizers (our Principal Investigators), and to Encore who provided the technical platforms and support that made it such a success.

The coming year promises many more challenges as we hope to emerge from the worst of the pandemic and re-invent ourselves once more.

I wish to thank the Members of the Board for their flexibility and ingenuity in continuing our work, and I look forward to another productive year.

Sincerely,



Dr. Séamus O'Shea



Message from the Executive Director

As I write my annual message, I'm reflecting on how the Institute has continued to meet its Mission of "facilitating evidence-based broad research that informs gambling public policy and educates Albertans and the wider audience about the effects of gambling" despite the impact of the pandemic for the past two years. The theme of this year's Annual Report being 'Lemons to Lemonade' exactly fits the Institute's operations for the last year.

Of particular note was the Institute's 20th Annual Conference, which was the first ever completely virtual event in the Institute's history. The previous year's conference was cancelled due to the pandemic and the Institute's Board determined a conference would be developed and offered virtually. The virtual Conference was a resounding success. It saw a record number of delegates from around the world representing the broadest group ever in attendance. Also, a record number of posters were presented. The Conference's focus was on the research findings of the AGRI National Project's (ANP) and presentations from a who's who of Canadian gambling researchers showcasing the research being undertaken in Canada. The success of this virtual conference will definitely influence the planning and development of future conferences.

The 'lemonade' of research findings from the ANP is truly impressive from the Institute's team of researchers: Dr. Robert Williams, lead investigator, and the project's co-investigators, Drs. Darren Christensen, Nady el-Guebaly, David Hodgins, Fiona Nicoll, Dan McGrath, Carrie Shaw, Garry Smith, Yale Belanger and Mr. Rhys Stevens. Numerous journal articles have been published and more are anticipated as the collected data undergoes additional analyses. Current and further research findings are anticipated to make a major contribution to the gambling research arena in Canada and worldwide. This project has addressed a majority of the Institute's identified stakeholder priorities and the Institute's Mission and Goals. Further information on the ANP's activities may be found in the Annual Report's section on Strategic and Collaborative Initiatives.

The Institute's offices were closed throughout 2021/2022 due to the pandemic. Remote operations continued effectively and efficiently with the 'lemonade' of virtual and e-communications options for Board members, researchers, staff and stakeholders. I daresay communications improved for all involved with the Institute as people - myself included - became more accustomed to Zoom, MS Teams, WebEx, etc.. A return to the office will be determined with safety at the forefront for this decision.

I would like to thank the Institute's Board, the Government of Alberta, Treasury Board and Finance, the Office of the Vice President (Research), University of Calgary and consortium universities (University of Alberta, Calgary

and Lethbridge) for their support in making the Institute's 'lemons into lemonade'. Also, thank you to Rhys Stevens, Institute Librarian, for his support and contribution in the Institute's administrative processes, procedures and meeting stakeholders' needs and requirements this past year.

Regards,



Glenda Wong



About the Alberta Gambling Research Institute (AGRI)

Vision

To maximize the benefits while minimizing the negative impacts of gambling.

Mission

To facilitate evidence-based broad research that informs gambling public policy and educates Albertans and the wider audience about the effects of gambling.

Values

- Independent and excellent multi-disciplinary research
- Scientific knowledge and information
- Collaboration
- Accountability and informing public policy

Core Purposes

The Institute will:

- 1** expand the breadth and depth of scientific knowledge into gambling;
- 2** promote or direct research in those priorities and areas identified as part of the stakeholder priority action plan;
- 3** develop research capacity in the Partner Universities;

- 4** sponsor research that is peer reviewed and of the highest academic quality;
- 5** facilitate the transfer of knowledge and information to stakeholders, which includes, among other activities, maintaining a library collection;
- 6** forge strong collaborative links with stakeholders that include, but are not limited to, national and international scholars, organizations involved in gambling research and studies, policy-makers, government, gaming providers, and problem gambling treatment providers;
- 7** provide education about current knowledge through research publications, reporting of research results, and knowledge translation strategies; and
- 8** identify and pursue other potential funding sources.

Core Businesses

- 1** Develop and promote gambling-related research and disseminate results.
- 2** Develop and sustain gambling-related research infrastructure.
- 3** Establish and encourage national and international gambling-related research linkages.
- 4** Establish and efficiently conduct gambling-related research administration.

Institute Board

The Institute is governed and managed by a seven-member Board consisting of two directors appointed by and from each Partner University, and an external Board Chair appointed by the Vice Presidents, Research, of the Partner Universities. The Executive Director serves as an advisory role on the Board. [For biographical information, see 'Board of Directors,' page 36]





Gambling Research at
the Partner Universities:

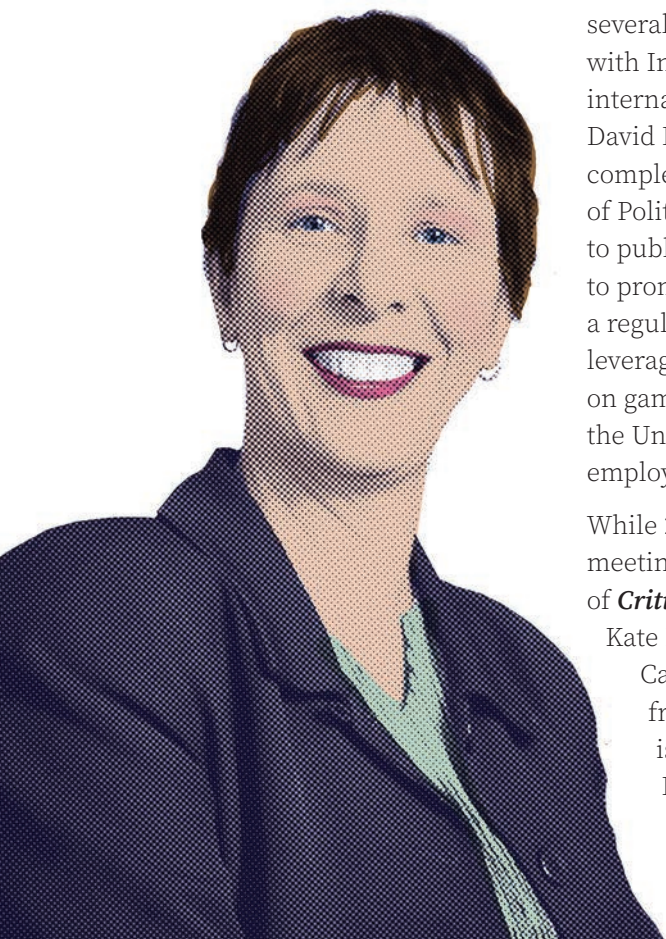
A Fresh Approach

University of Alberta

Dr. Fiona Nicoll was appointed as the Alberta Gambling Research Coordinator at the University of Alberta on April 1, 2018 and has held the Institute Chair in Gambling at the University of Alberta since July, 2016. Dr. Nicoll holds a Ph.D. from the University of Melbourne and is a Professor in the Department of Political Science at the University of Alberta. Her book *Gambling in Everyday Life: Spaces, Moments and Products of Enjoyment* was published by Routledge in 2019. She is the founding editor of the international academic journal *Critical Gambling Studies* and co-author of the book *Disciplinary and Academic Integrity in Gambling Research* which will be completed in 2023.

Dr. Fiona Nicoll

Research Coordinator and Chair
in Gambling Research



While the year had a very unpromising start, with COVID restricting travel and collaborations prior to Spring, we were able to accomplish several important milestones. We continued our invited work with Indigenous youth from Northern Ontario and facilitated an international exchange with Indigenous videogamers from Australia. David Baxter, AGRI 2021-2022 scholarship recipient, has almost completed his study of gambling's grey literature in the Department of Political Science. The ***Journal of Critical Gambling Studies*** continues to publish peer-reviewed academic research on gambling as well as to promote international and interdisciplinary scholarship through a regular program of blog publications and events. This year we are leveraging our networks to build an interdisciplinary online course on gambling which can be taken as a micro-credential through the University of Alberta and offered to students and government employees from 2023.

While 2021-2022 was another extremely challenging year for research meetings, a big highlight was the publication of two special issues of ***Critical Gambling Studies***. The first issue, edited by Fiona Nicoll, Kate Bedford, Angela Rintoul, Charles Livingstone and Emma Casey, showcased a diverse range of perspectives on gambling from Humanities and Social Science researchers. The second issue, edited by Mario Wenning and Fiona Nicoll, focussed on Philosophy and Gambling and the unique cultural and political landscape of Macau.

The publication of the special issue on Gambling and Philosophy was marked by an international panel of presentations. Professor Tim Simpson (University of Macau) gave a keynote talk on his forthcoming book ***Macau: Baccarat, Biopolitics, and Casino Capitalism***; co-editor Mario Wenning (Loyola University) introduced the first English translation of a fragment of text on gambling by the 18th century philosopher, GWF Hegel, Judith-Frederike Popp (Academy of Fine Arts, Vienna) offered gambling as a way to test neo-Kantian propositions about will and agency and Nahum Brown (Chiang Mai University) considered the 'gambler's fallacy' through different philosophical frameworks for understanding the unfolding of events in time.

Topics of blogs published this year included: the interface between research and policy, the impact of COVID on Indigenous gambling as an economic development tool, evolving public perceptions of gambling, the World Health Organization's recognition of 'gaming disorder' as an addiction, the efficacy of self-exclusion programmes in Australia, and lotteries in Postcolonial Africa.

In the final year of a three-year research fellowship with the KULE Institute inaugural Scholars Cohort, Dr. Nicoll is co-convening a roundtable with other Arts Faculty researchers to link the political economy of gambling with broader challenges of climate resilience for Alberta.

Dr. Nicoll's AGRI major grant, ***Giwii-nisidopanmin odaminowin***, continues to support invited research with Indigenous youth in Northern Ontario. This project is generating new knowledge about their current involvement in gambling and videogaming, especially as the latter has become monetized through micropayments and lootboxes. An international exchange between youth videogamers in Northern Ontario and South Western Australia has been organised to conduct research workshops focused on gambling and videogaming. Youth and academic researchers from this project will present a conference paper at the World Indigenous Peoples Conference on Education in September to be held in Adelaide.

University of Calgary

Dr. David C. Hodgins is a Professor in the Program in Clinical Psychology in the Department of Psychology, University of Calgary. He is the University of Calgary's Research Coordinator for the Alberta Gambling Research Institute and is a registered Clinical Psychologist in Alberta.

Dr. David Hodgins

Research Coordinator

The gambling research program at the University of Calgary continues to flourish despite some limitations on data collection related to the COVID pandemic restrictions. Drs. Hodgins and McGrath, both originally recruited to the university through AGRI's capacity-building program, continue to have active research labs. An average of 12 students and research assistants attend joint biweekly research meetings. In addition, several other faculty members are conducting gambling projects as part of larger research programs. Four University of Calgary master's and doctoral graduate students were supported by AGRI scholarships, and numerous research assistants and undergraduate students gained exposure to gambling research through the active small and large research projects. Two MSc students completed their degrees this year. Two of our doctoral students are completing 12-month clinical psychology residency this year.

National and international collaboration has always been a value of the University of Calgary gambling researchers. The University of Calgary continues our active collaboration with the University of São Paulo. This collaboration has expanded to include Toronto Metropolitan University. The International Behavioural Addictions and Impulse Control Disorder Network is now well established, although student exchanges were suspended during the pandemic. This collaboration allows the clinical experience in one treatment centre to be shared world-wide through peer reviewed publications.

Another important collaboration involved the development and promotion of Canada's first lower-risk gambling guidelines, which are being incorporated into the public health messaging in numerous provinces and other jurisdictions internationally.

Drs. Hodgins and McGrath and other faculty across the university have active research projects funded by AGRI's grant program. Topics are diverse and include the interaction of gambling and alcohol, the association between video games and gambling, and selective attention to gambling images among gamblers. These projects have both theoretical and practical implications.



University of Lethbridge

Dr. Rob Williams is a Professor in the Faculty of Health Sciences, University of Lethbridge, and a Research Coordinator for the Alberta Gambling Research Institute. Dr. Williams teaches courses on gambling; provides frequent consultation to government, industry, the media, and public interest groups; and regularly gives expert witness testimony on the impacts of gambling.

Dr. Robert Williams

Research Coordinator

In 2021-22, gambling research at the University of Lethbridge continued to involve faculty and students from a myriad of different academic disciplines. Departments represented included Addictions Counselling, Psychology, Political Science, Neuroscience, and Public Health. In total there were approximately 22 people engaged in gambling research at the university.

Several AGRI-funded research projects are ongoing. Of particular note is a comprehensive national study of gambling “Gambling and Problem Gambling in Canada: A National Study,” that involves several AGRI researchers (Williams, Belanger, Christensen, el-Guebaly, Hodgins, McGrath, Nicoll, Smith, Stevens) and co-funding from the Canadian Consortium for Gambling Research, the Canadian Centre for Substance Abuse and Addiction, and Gambling Research Exchange Ontario. This is the largest and most comprehensive investigation of gambling ever undertaken in Canada. This project was profiled at our highly successful 20th anniversary AGRI conference in April 2021 (see page 21). To date, 8 articles have been published and one book is being developed (See Strategic and Collaborative Initiatives Grants – AGRI National Project section for further information).





Research
Activity

Research Activity

Major and Small Grants

The Institute contributes to the development of the knowledge base in gambling-related research in a number of ways. An annual call for proposals is issued in May (with an end-of-June submission deadline) soliciting applications from researchers to address stakeholder-identified high-priority research topics as well as those identified by researchers themselves. The submissions are subjected to a rigorous peer review process which involves the critical review of proposals by external experts with related areas of expertise. This type of review process provides the most reliable means of ensuring that only the highest quality research submissions receive Institute funding.

RESEARCH PROJECTS (NEW, ONGOING, AND COMPLETED IN 2021-22)

THE FOLLOWING NEW RESEARCH GRANT PROPOSALS WERE **APPROVED** IN THE 2021-22 GRANT FUNDING CYCLE:

- [#92 Major Grant 2021-22] ***Financial Outcomes After Winning the Lottery*** – Dr. Barry Scholnick (U of Alberta) [Priority: **Socio-economic / Economics**]
- [#93 Major Grant 2021-22] ***A Social Neuroscience Examination of Ironic Risk-Taking*** – Dr. Kyle Nash (U of Alberta) [Priority: **Treatment and Stigma**]
- [#94 Major Grant 2021-22] ***The Economic Incidence of Indigenous Gaming*** – Dr. Laurel Wheeler (U of Alberta) [Priority: **Indigenous / First Nations**]
- [#95 Major Grant 2021-22] ***Online gambling self-help and motivational enhancement*** – Dr. David Hodgins & Mr. Bradley Brazeau (U of Calgary) [Priority: **Treatment and Stigma**]
- [#96 Major Grant 2021-22] ***Gambling in Canada: A Return to Normal or the Establishment of a New Normal?*** – Dr. Carrie Leonard & Dr. Robert J. Williams (U of Lethbridge) [Priorities: **Internet Gambling; Longitudinal Research**]
- [#97 Major Grant 2021-22] ***Determining the Relationship of Communication in Emotional Regulation and Severity of Problem Gambling and Comorbidities*** – Dr. Bonnie Lee (U of Lethbridge) & Dr. Erkan Isik (Istanbul Aydin U) [Priorities: **Longitudinal Research; Treatment and Stigma**]
- [#S50 Small Grant 2021-22] ***The Number of Response Options as a Causal Factor in Human Decision-Making Quality*** – Dr. Ben Dyson (U of Alberta) [Priority: **Treatment and Stigma**]

AS OF MARCH 31, 2022, THE FOLLOWING RESEARCH PROJECTS WERE **ONGOING**¹ AS FUNDING WAS PROVIDED IN A PREVIOUS GRANT FUNDING CYCLE:

- [#69 Major Grant 2014-15] ***Naltrexone-Imaging Study*** – Dr. Darren Christensen (U of Lethbridge) [Priority: **Treatment and Stigma**]
- [#73 Major Grant 2014-15] ***Gambling Disorder vs. Alcohol Use Disorder: Comparing Treatment Outcomes with Congruence Couple Therapy*** – Dr. Bonnie K. Lee & Dr. Darren Christensen (U of Lethbridge) [Priority: **Treatment and Stigma**]
- [#82 Major Grant 2017-18] ***Gambling in the Workplace: Characteristics and Experiences*** – Dr. Rebecca Hudson Breen (U of Alberta) & Dr. James Sanders (U of Lethbridge) [Priorities: **Internet/ Remote Gambling, Crime and Gambling**]
- [#85 Major Grant 2018-19] ***Development of an Ecologically Valid Non-Human Primate Model of Gambling*** – Dr. Jean-Baptiste Leca, Dr. Robert J. Williams & Dr. James Sanders (U of Lethbridge) [Priority: **Treatment and Stigma**]

- [#87 Major Grant 2019-20] **Targeting Implicit Cognitions in Comprehensive Prevention Programming for Gambling, Alcohol and Cannabis Use** – Ms. Gillian Russell (U of Lethbridge), Dr. Marvin Krank (UBC Okanagan) & Dr. Robert J. Williams (U of Lethbridge) [Longitudinal Research, Treatment and Stigma]
- [#88 Major Grant 2019-20] **A Cross-National Investigation of the Convergence of Gambling and Gaming** – Dr. David C. Hodgins & Dr. Hyoun S. Kim (U of Calgary) [Priority: Internet/Remote Gambling]
- [#89 Major Grant 2020-21] **Lottery Winnings and Financial Wellbeing** – Dr. Barry Scholnick (U of Alberta) [Priority: Socio-economic / Economics]
- [#90 Major Grant 2020-21] **Giwii-Nisidopanmin Odaminowin: Gambling and Videogames in the Lives of Indigenous Youth in Northwestern Ontario** – Dr. Fiona Nicoll (U of Alberta), Dr. Darrel Manitowabi (Laurentian U), Dr. Lori Haskell (Western U), & Dr. Kevin Harrigan (U of Waterloo) [Priorities: Indigenous / First Nations; Internet Gambling]
- [#91 Major Grant 2020-21] **Gambling in Canada in the Aftermath of the Pandemic** – Dr. Carrie Leonard & Dr. Robert J. Williams (U of Lethbridge) [Priorities: Internet Gambling; Longitudinal Research]
- [Strategic and Collaborative Initiatives Grant 2018-21] **Gambling and Problem Gambling in Canada: A National Study** – Dr. Robert J. Williams, (U of Lethbridge), Dr. Carrie Leonard (U of Lethbridge), Dr. Yale D. Belanger (U of Lethbridge), Dr. Darren R. Christensen (U of Lethbridge), Dr. Nady A. el-Guebaly (U of Calgary), Dr. David C. Hodgins (U of Calgary), Dr. Daniel S. McGrath (U of Calgary); Dr. Fiona Nicoll (U of Alberta), Dr. Garry J. Smith (U of Alberta), & Mr. Rhys M.G. Stevens (U of Lethbridge) [Priorities: Public Policy, Indigenous/First Nations, Longitudinal Research, Treatment and Stigma]

THE FOLLOWING RESEARCH PROJECTS WERE COMPLETED² DURING 2021-22 (AS OF MARCH 31, 2022):

- [#75 Major Grant 2015-16] **Implications of Integration of Mental Health and Addiction Systems for Problem Gambling Treatment: Case Studies of Alberta, Saskatchewan, and Ontario** – Dr. Darren Christensen & Dr. Gabriela Novotna (U of Lethbridge) [Priorities: Public Policy, Treatment and Stigma]
- [#83 Major Grant 2017-18] **Pop-up Messages for Internet Gambling: An Experimental Study Examining the Efficacy of Fear Appraisals** – Dr. David C. Hodgins, Dr. Seema Mutti-Packer, Hyoun S. Kim, Dr. Daniel McGrath (U of Calgary); Dr. Matthew J. Rockloff (Central Queensland U); Dr. Michael Wohl (Carleton U) [Priority: Internet/Remote Gambling]
- [#84 Major Grant 2017-18] **From Motivation to Compulsion: The Neural Bases of Disordered Gambling Explored in a Rodent Model** – Dr. David Euston (U of Lethbridge) [Priority: Treatment and Stigma]
- [#86 Major Grant 2018-19] **Lottery Winnings and Entrepreneurship** – Dr. Barry Scholnick (U of Alberta) [Priority: Public Policy]
- [#S49 Small Grant 2020-21] **The Cognitive Operations of Predictive Agents: How Mental Simulation Generates Cognitive Biases** – Dr. Gerald Haeubl & Mr. Rory M. Waisman (U of Alberta) [Priority: Treatment and Stigma]

¹ Principal Investigators (PIs) of ongoing Institute-funded research projects are required to submit annual research project status reports using an Institute-provided template.

² Institute-funded research projects are considered complete once a completion report has been received by the Institute from the approved project Principal Investigator (PI).

Strategic and Collaborative Initiatives Grants

Gambling and Problem Gambling in Canada: A National Study [AGRI National Project]

This strategic, collaborative grant is one of the largest and most comprehensive national investigations of gambling ever conducted in Canada. It is being undertaken by a team of eight Institute researchers from the Universities of Lethbridge, Calgary, and Alberta and is being funded by the Alberta Gambling Research Institute (AGRI), the Canadian Consortium for Gambling Research (CCGR), the Canadian Centre for Substance Abuse and Addiction, and Gambling Research Exchange Organization (Greo). The study commenced in 2018-19 and was largely completed in 2021-22.

Dr. Carrie Shaw

Project Manager
AGRI National Project



Dr. Carrie A. Shaw is currently serving as the Project Coordinator for the AGRI National Project *Gambling and Problem Gambling in Canada: A National Study*. Her research interests include the spectrum of individual differences, cognitive and social, and the role those of those factors in erroneous belief formation and correction. Dr. Shaw's recent publications include: *Gambling in Canada During the Pandemic: Six Months After the National COVID Lockdown* (2022); *Gambling in Canada During the COVID Lockdown: Prospective National Survey* (2021), *Gambling Fallacies: Predicting Problem Gambling in a National Sample* (2021), *Fallacious beliefs: Gambling specific and belief in the paranormal* (2018), *The relationship between gambling fallacies and problem gambling* (2016), and *Gambling Fallacies: What are they and how are they best measured?* (2015).

The AGRI National project (ANP) successfully completed many project elements during the 2021-2022 fiscal year. The ***Statistics Canada project***, which was the first ANP element, utilized the 2018 Canadian Community Health Survey (CCHS) of 24,982 Canadians and the Rapid Response Gambling Module (RRGM) that was administered during the 2018 CCHS data collection period. This ANP element had two aims. The first aim was to examine both historical and current gambling in Canada. The ANP team published the findings of this examination during this fiscal year. The second aim of this project was to identify a demographic profile for each category of

gambler and for each type of gambling involvement. The results of this examination were also published during this fiscal year, and as such, this ANP element was successfully concluded. However, to complement the ANP Statistics Canada study, one additional examination was undertaken with an ANP team member examining and publishing an examination of Canada's net commercial gambling revenue and other related national gambling statistics.

The second ANP element was the **Online Panel Cohort** study. Using a study survey designed to augment the Statistics Canada project, an Online Panel of 10,198 adult Canadians provided more comprehensive information on gambling, demographics, and comorbidities. Baseline data were collected in the fall of 2018 and the follow-up study data was collected in the fall of 2019 yielding a comprehensive longitudinal dataset from this national cohort. In this fiscal year, the ANP team concluded two ANP aims with the publication of a more comprehensive examination of the current risk factors etiologically related to problem gambling in Canada and the acceptance of a manuscript detailing the examination of gambling and problem gambling among Indigenous Canadians. During this fiscal year, several supplementary projects were undertaken that made use of this data with three articles accepted for publication. The first assessing illegal gambling in Canada, the second investigating financial speculation activities among Canadian gamblers, and the third examining the rates of problem gambling reduction attempts as well as the types of help utilized by those who attempted to reduce problematic gambling. Preparation of several additional examinations began during this fiscal year as well including one detailing cannabis use among gamblers and one detailing the characteristics that delineate online from land-based exclusive gamblers. Of final note, the data from the Online Panel project was prepared, alongside accompanying data codebooks and user manual, and delivered to Greo. The release of this data will occur during the next fiscal year.

Exceptional progress was also realized on the third element of the AGRI National Project: **The Surveys of Major Stakeholders** element. Within this element,

the ANP sought to obtain multiple independent corroborating data from four key informant groups: gambling stakeholders, Indigenous leaders, casino patron groups, and problem gamblers in treatment. While data collection from problem gamblers undertaking treatment was interrupted due to COVID-19, the other three research investigations were concluded this fiscal year. During the 2021-2022 fiscal year the results of data examining casino patron's awareness of responsible gambling tools availability was published and a manuscript detailing casino employee's awareness of responsible gambling tools was accepted for publication. Tremendous progress has also been made on a book that will elaborate on the Indigenous perspective of gambling in Canada. Furthermore, preparation of a manuscript detailing the gambling stakeholder's perceptions of Canadian gambling commenced. The final supplementary investigation of this ANP element, the Pathways to Treatment investigation, is scheduled to begin in Fall of 2022.

The ANP COVID Supplement study made notable progress during the 2021-2022 fiscal year as well. To recap, the ANP team responded quickly to the early 2020 COVID-19 pandemic phenomenon in which the advent of the pandemic resulted in widespread social and economic restrictions designed to curtail the spread of the virus. Inadvertently, these restrictions in Canada introduced the unprecedented nationwide experience of the prohibition of legal in-person gambling with legal online gambling available. The ANP COVID Supplement study extended the ANP Online Panel project, re-recruiting the panel participants for two additional data collection periods: one during the national lockdown (March 2020) and the second taking place six months later while provinces were in various pandemic response stages. The first manuscript detailing the impacts of the pandemic on Canadians' gambling experiences during lockdown period specifically was published during this fiscal year and a manuscript detailing examining the impacts of the pandemic six-months after the lockdown was also submitted for publication. The ANP COVID data will be prepared during the next fiscal year, along with data codebooks alongside a user manual, and the data will be provided to Greo in early 2022.

Other Grant Opportunities

Leveraging Grants aim to enable researchers with non-AGRI funding to augment projects with a gambling-related component in stakeholder-identified high-priority areas. **Team Development Grants** provide an opportunity for joint proposals aiming to support the development of multi- and inter-disciplinary academic teams among Partner Universities, nationally, internationally, and with other stakeholders. **Impact Grants** provide support for special purpose initiatives that contribute to addressing Institute priorities other than primary research (e.g., research data repository, knowledge transfer/translation initiatives, outcome measurement, etc.).

More information on all grant types is available from the Institute '**Grant Opportunities**' web page:

<https://research.ucalgary.ca/alberta-gambling-research-institute/apply-grants>

Scholarship and Research Allowance Awards

To foster young researcher involvement in gambling-related research, a multi-tiered (doctoral and graduate level in addition to a 'top-up' opportunity for students receiving other major external awards) scholarship and research allowance program promotes gambling-related research to promising new scholars.

The following seven scholarships were awarded in 2021-22:

- **Jami Albright-Tolman**, Doctoral, Health Sciences (Population Studies in Health), University of Lethbridge.

Creating an entirely online gambling harm prevention/reduction program for offenders living in the community.

[Priorities: **Public policy and responsible gambling strategy; Treatment & Stigma**]
- **David Baxter**, Masters, Political Science, University of Alberta

Revealing Gambling's Grey Literature.

[Priorities: **Public policy and responsible gambling strategy; Indigenous/First Nations gambling; Longitudinal Research; Treatment & Stigma**]
- **Bradley Brazeau**, Doctoral, Psychology, University of Calgary.

This research seeks to provide more up-to-date measures of gambling disorder for use in gambling intervention trials, specifically, online interventions with minimal clinician contact.

[Priorities: **Longitudinal Research; Treatment & Stigma**]
- **Ashley Ethier**, Doctoral, Psychology, University of Calgary.

This study compares gamblers' physiological responses (i.e., heart rate, blood pressure, and skin conductance) to video lottery terminal gambling and a contingency management prize draw.

[Priority: **Treatment & Stigma**]
- **Julie Gorenko**, Doctoral, Clinical Psychology, University of Calgary.

Examine gambling among older adults through a life course and socio-ecological lens.

[Priority: **Longitudinal Research**]
- **Diandra Leslie**, Masters, Psychology, University of Calgary

An investigation of the relationship between gambling-related stigma and help-seeking behaviours among online, offline, and mixed-mode disordered gamblers.

[Priorities: **Internet Gambling; Treatment & Stigma**]
- **Sean Wilcox**, Doctoral, Cultural, Social, and Political Thought, University of Lethbridge.

Utilizing Foucault's genealogical approach in a study of the concept of gambling addiction.

[Priorities: **Public Policy; Treatment & Stigma**]

Communicating Gambling Research

Rhys Stevens is a Librarian III at the U. of Lethbridge Library in Lethbridge, Alberta. His primary responsibility is Librarian & Information Specialist for the Alberta Gambling Research Institute (AGRI). He is also subject liaison librarian for Geography, Maps & Government Documents, Anthropology and Spatial/Numeric Data.

Institute Library & Web Site Overview 2021-22

The Institute's three affiliated university libraries (U. of Lethbridge, U. of Calgary, and U. of Alberta) selected and purchased approximately \$30,000 of materials in support of gambling-related research at their institutions. Specifically, \$14,000 was allocated to U. Lethbridge, \$8,000 to U. of Alberta and \$8,000 to U. of Calgary. Purchases included electronic journal title subscriptions, E-books, print books, and audio-visual resources³.

As well as supporting collection building, the Institute Librarian provided assistance with 20+ specific reference requests, updated research guides on gambling-related topics, digitized and/or archived a variety of significant gambling-related publications, maintained the Institute web site, authored newsletter articles, and assisted with knowledge transfer/translation services.

A continued focus during 2021-22 involved updating Canadian statistical information about gambling for the Institute's ongoing strategic research project ***Gambling and Problem Gambling in Canada: A National Study***. Information about the project was presented at the Institute's 2021 annual conference. The existing Google Data Studio online database was also updated to incorporate Canadian gambling statistics for year 2020-21. Another significant initiative was the drafting of a report on Open Access (OA) and Author Processing Charges (APCs) in gambling-related journals for the Institute's Proposal Adjudication Committee.

The Institute web site continued to function as the primary point of access for information about the Institute and its ongoing research activities. Citations, abstracts, digital object identifiers (DOIs) and project-relevant details were added to grant web pages as new research publications and presentations became available. The Institute's Twitter account



was used for sending notifications about Institute activities and developments in the field of gambling research. Lastly, online spreadsheets detailing worldwide gambling prevalence studies and the Institute's 160 funded grants were kept up-to-date.

Research Publications

An important aspect of research is the communication of peer-reviewed research findings through publication in the scholarly literature. Following is a list of Institute-funded research published from April 1, 2021, to March 31, 2022:

- Akçayir, M., Nicoll, F., & Baxter, D. G. (2021). Patterns of disciplinary involvement and academic collaboration in gambling research: A co-citation analysis. *Critical Gambling Studies*, 2(1), 21-28. <https://www.doi.org/10.29173/cgs48>
- Akçayir, M., Nicoll, F., & Baxter, D. G. (2022). Emerging gambling problems and suggested interventions: A systematic review of empirical research. *Journal of Gambling Studies*. <https://www.doi.org/10.1007/s10899-022-10122-w>
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³ Details of specific Library acquisitions 2021-22 are available from Librarian upon request.

* Librarians Rhys Stevens (April-December, 2021) and David Scott (January-March, 2022) both provided Institute library services during 2021-22.

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Conference 2021



GAMBLING IN CANADA: CURRENT RESEARCH & FUTURE DIRECTIONS

The Institute's 20th Annual Conference focused on Canadian gambling. More specifically, it featured the results of the AGRI National Project as well as profiled the major gambling-related research and policy initiatives that are occurring across the country.

This year's conference "Gambling in Canada: Current Research & Future Directions" was the first in the Institute's twenty-year history to be held entirely online. It was also by far the Institute's most highly attended conference event with 300+ delegates from throughout Canada and across the world. Attendees used the event's online platform to attend 33 different presentation sessions led by a who's who list of leading Canadian gambling scholars. All sessions included time to ask questions of speakers and attendees could also engage in discussion with colleagues inside virtual networking rooms. A conference poster session was held during the event which showcased 33 high-quality submissions.

Poster Award

A record number of posters were submitted and virtually presented. Two individuals were recognized for their outstanding conference research posters at this year's event. Maegan Trottier of the University of Lethbridge received the graduate student award for her poster entitled, "Adverse childhood experiences are associated with increased gambling frequency among Alberta adults during the COVID-19 pandemic". Dr. Sasha Stark from Responsible Gambling Council (RGC) received the experienced scholar award for the poster "Co-use of substances in a longitudinal survey of Ontario gamblers during the COVID-19 pandemic".

Newsletter

Following is a list of the contents of the Institute's Gambling Research Reveals' newsletter published from April 1, 2021 to March 31, 2022:



SPRING 2021

Feature articles:

- Institute's First 'Virtual' Conference Attracts Worldwide Audience
- Database of Canadian Gambling Statistics Released



SUMMER 2021

Feature articles:

- Developing an Ecologically-Valid Primate Model of Bartering and Gambling Behaviours
- Gambling on Single-Event Sports Games Coming to Canada with Passing of Bill C-218
- Ten Recent Publications (Books, E-books & Reports) Related to Sports Betting
- Announcement of Graduate Scholarship Recipients 2021/2022



FALL 2021

Feature articles:

- Dr. Daniel McGrath Examining the Impact of Cannabis Legalization on Gambling Behaviour
- Dr. Carrie Shaw Appointed as Senior Researcher at CERG
- Investigating Publishing Practices in Gambling Research: An Interview with Graduate Student David Baxter
- New ANP Journal Article Published



WINTER 2022

Feature articles:

- Back to the Centre: AGRI Conference 2022
- Research Snapshots Highlight Findings of AGRI National Project (ANP)-Related Publications
- Six Major Grants Awarded in 2021-22 Funding Cycle
- Annual Reports Released

Consulting and Collaborating: A Coordinated Approach

In 2021-22, the Institute was a participating organization in the following:

- Alberta Gambling and Gaming Advisory Committee (AGGAC), Alberta Gaming, Liquor and Cannabis
 - Participants Dr. Jenny Godley, Rhys Stevens and Glenda Wong.
- Canadian Consortium for Gambling Research (CCGR)
 - Participant Glenda Wong.

In 2021-22, Institute Research Coordinators consulted in the following:

- Alberta Gaming, Liquor and Cannabis (various gambling topics)
 - Participants Drs. David Hodgins, Fiona Nicoll and Rob Williams.
- National Lower Risk Gambling Guidelines, Canadian Centre on Substance Use and Addiction
 - Participant Dr. David Hodgins.
- United Kingdom Gambling Commission (gambling-related harm)
 - Participant Dr. Rob Williams.
- Canadian Addiction and Mental Health (etiology of problem gambling)
 - Participant Dr. Robert Williams.
- United Kingdom Commission on Problem Gambling and Crime (gambling-related crime)
 - Participant Dr. Robert Williams.



Audited Financial Statements

FOR THE YEAR ENDED MARCH 31, 2022



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Independent Auditor's Report

To the Directors of Alberta Gambling Research Institute:

Opinion

We have audited the financial statements of Alberta Gambling Research Institute (the "Institute"), which comprise the statement of financial position as at March 31, 2022, and the statements of operations, cash flows and changes in net financial assets for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Institute as at March 31, 2022, and the results of its operations and its cash flows for the year then ended in accordance with Canadian accounting standards for not-for-profit organizations.

Basis for Opinion

We conducted our audit in accordance with Canadian generally accepted auditing standards. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the Institute in accordance with the ethical requirements that are relevant to our audit of the financial statements in Canada, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with Canadian accounting standards for not-for-profit organizations, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Institute's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Institute or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Institute's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian generally accepted auditing standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with Canadian generally accepted auditing standards, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Institute's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Institute's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Institute to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

Calgary, Alberta
August 11, 2022

MNP LLP

Chartered Professional Accountants

MNP LLP

1500, 640 - 5th Avenue SW, Calgary AB, T2P 3G4

1.877.500.0792 T: 403.263.3385 F: 403.269.8450

Statement of Financial Position

AS AT MARCH 31

	2022	2021
FINANCIAL ASSETS		
Cash and cash equivalents (Note 4)	\$ 437,397	\$ 963,429
Unexpended funds receivable (Note 5)	18,171	21,537
	<u>455,568</u>	<u>984,966</u>
LIABILITIES		
Accounts payable and accrued liabilities	1,366	6,022
	<u>1,366</u>	<u>6,022</u>
NET FINANCIAL ASSETS	<u>454,202</u>	<u>978,944</u>
NON-FINANCIAL ASSETS		
Prepaid expenses	2,000	24,101
	<u>2,000</u>	<u>24,101</u>
NET ASSETS	<u><u>456,202</u></u>	<u><u>1,003,045</u></u>
NET ASSETS		
Accumulated surplus	1,003,045	818,235
Annual surplus (deficit)	(546,843)	184,810
	<u>\$ 456,202</u>	<u>\$ 1,003,045</u>

The accompanying notes and schedule are part of these financial statements.

Approved by the board:

E-signed by:

Séamus O'Shea

2022-08-11 16:08:00:00 MDT

Signature

Board Chair

Position

David Stewart

2022-08-22 14:34:51 :51 MDT

Signature

Audit Committee Chair

Position

Statement of Operations

YEAR ENDED MARCH 31

	2022 BUDGET (Note 9)	2022 ACTUAL	2021 ACTUAL
REVENUES			
Government transfers	\$ 700,000	\$ 700,000	\$ 1,500,000
Other/unexpended funds recovered	5,000	18,171	21,537
	<u>\$ 705,000</u>	<u>\$ 718,171</u>	<u>\$ 1,521,537</u>
EXPENSES (SCHEDULE 1)			
Research	\$ 1,202,670	\$ 892,448	\$ 1,012,644
Infrastructure and library	140,000	140,000	140,000
Research linkages	65,000	73,352	24,639
Research administration	200,500	159,214	159,444
	<u>\$ 1,608,170</u>	<u>\$ 1,265,014</u>	<u>\$ 1,336,727</u>
ANNUAL SURPLUS (DEFICIT)	<u>\$ (903,170)</u>	<u>\$ (546,843)</u>	<u>\$ 184,810</u>

The accompanying notes and schedule are part of these financial statements.

Statement of Cash Flows

YEAR ENDED MARCH 31

	2022	2021
OPERATING TRANSACTIONS		
Contributions from the Ministry of Treasury Board and Finance	\$ 700,000	\$ 1,500,000
Unexpended funds	21,537	12,741
Prepaid expense	22,101	(22,101)
Research expenditures	(892,448)	(1,102,644)
Infrastructure and library expenditures	(140,000)	(140,000)
Research linkages expenditures	(73,352)	(17,639)
Research administration expenditures	(163,870)	(159,044)
CASH (USED FOR) FROM OPERATING TRANSACTIONS	(526,032)	161,313
CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	963,429	802,116
CASH AND CASH EQUIVALENTS, END OF YEAR	\$ 437,397	\$ 963,429

The accompanying notes and schedule are part of these financial statements.

Statement of Change in Net Financial Assets

YEAR ENDED MARCH 31

	2022 BUDGET	2022 ACTUAL	2021 ACTUAL
Annual surplus (deficit)	\$ (903,170)	\$ (546,843)	\$ 184,810
Change in prepaid expenses	–	22,101	(22,101)
INCREASE (DECREASE) IN NET FINANCIAL ASSETS	(903,170)	(524,742)	162,709
NET FINANCIAL ASSETS, BEGINNING OF YEAR	978,944	978,944	816,235
NET FINANCIAL ASSETS, END OF YEAR	\$ 75,774	\$ 454,202	\$ 978,944

The accompanying notes and schedule are part of these financial statements.

Notes to the Financial Statements

YEAR ENDED MARCH 31

Note 1 AUTHORITY AND REPORTING ENTITY

The Alberta Gambling Research Institute (the “Institute”) is an unincorporated organization. It is a research consortium comprised of the University of Alberta, the University of Calgary, and the University of Lethbridge (the “Partner Universities”). Relations between the Institute and the Government of Alberta are defined in an Agreement between the Institute, Partner Universities and the Alberta Government dated March 24, 2021. The Institute is directed by a Board comprised of seven members including two appointees (senior administrators and researchers) from each of the three Partner Universities and an external Board Chair who is appointed by the Vice-Presidents (Research) of the Partner Universities.

As required under the Agreement, the Institute reporting entity for the purpose of these financial statements is that portion of Institute operations funded by the Ministry of Finance, Treasury Board and Finance. The Partner Universities contribute certain services and supplies, including research and administrative personnel and services, to the consortium. The fair value of these contributions, and the cost of these services and supplies, is not reflected in these financial statements.

Note 2 PURPOSE

The purpose of the Institute is to:

- expand the breadth and depth of scientific knowledge into gambling;
- promote or direct research in those priorities and areas identified as stakeholder priorities;
- develop research capacity in the Partner Universities;
- sponsor research that is peer reviewed and of the highest academic quality;
- facilitate the transfer of knowledge and information to stakeholders;
- provide education about current knowledge through research publications, reporting of research results and knowledge translation strategies; and,
- identify and pursue other potential funding sources.

Note 3 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES AND REPORTING PRACTICES

GENERAL – PUBLIC SECTOR ACCOUNTING STANDARDS (“PSAS”) AND USE OF ESTIMATES

These financial statements have been prepared in accordance with Canadian PSAS. The measurement of certain assets and liabilities is contingent upon future events; therefore, the preparation of these financial statements requires the use of estimates, which may vary from actual results. The Institute has no assets or liabilities that require Institute administration to use judgment to determine value.

Note 3 continued...

REVENUE RECOGNITION

All revenue is reported on the accrual basis of accounting. Cash received for which expenses have not been incurred by year end is recorded as deferred revenue.

CONTRIBUTIONS FROM THE MINISTRY OF TREASURY BOARD AND FINANCE

The Partner Universities entered into a funding agreement with the Ministry of Treasury Board and Finance effective April 1, 2021 to provide the Institute with \$700,000 for the fiscal year 2021/2022 and \$1,500,000 for the fiscal year 2022/2023. As a condition of funding, the Institute must budget at least \$250,000 each fiscal year to the implementation of research projects related to the stakeholder priority action plan and at least \$250,000 each fiscal year to the funding of investigator research projects. The Ministry may require repayment if these conditions are not met or if the funds are not expended prior to the end of the term, excluding funds required to pay reasonable administrative or overhead expenses after the term in respect of any necessary wind-up of operations.

The agreement calls for detailed reporting to the Ministry at various dates throughout the year. Reporting is complete for the fiscal year ended March 31, 2022.

Unspent funds are returned to the Institute by the grant recipient and recorded as other revenue.

EXPENSES

Grants are recorded as expenses when all the terms and conditions of eligibility have been met and the Institute has authorized payment of the grant.

ASSETS

Intellectual Property

Intellectual property rights with respect to all research conducted with the financial support, or under the auspices, of the Institute are governed by the policies of the Partner University with which the researcher is affiliated. These rights do not accrue directly to the Institute and are not recognized in these financial statements. The Government of Alberta and the Partner Universities are entitled to freely use and copy, other than for commercial purposes, any intellectual property so created.

Financial Instruments

The Institute recognizes its financial instruments when the Institute becomes party to the contractual provisions of the financial instrument. All financial instruments are initially recorded at their fair value.

Write-downs on financial assets are recognized when the amount of a loss is known with sufficient precision, and there is no reasonable expectation of recovery. The Institute does not own any derivatives, portfolio investments or financial instruments designated in the fair value category and as such has not included a statement of remeasurement gains and losses.

It is management's opinion that the Institute is not exposed to significant market, interest rate, currency, or credit risks arising from its financial instruments.

NOTE 4 CASH AND CASH EQUIVALENTS

Under the Funding Agreement, funds are to be administered by the HUB University (University of Calgary) on behalf of the Institute in a University of Calgary Funds Held on Behalf of Others (FHOB) account.

NOTE 5 UNEXPENDED FUNDS RECEIVABLE/RECOVERED

Grants are provided to the Partner Universities for capacity building, research development, library collections, and research node administration for gambling-related operations. These particular grants have a provision that any unspent funds are to be returned to the Institute. The following table provides an accounting for the grants allocated and the amounts spent by the Partner Universities during this fiscal year.

	2022				2021
	University of Alberta	University of Calgary	University of Lethbridge	Total	Total
Unexpended grants, opening balance	\$ 5,000	\$ 16,537	\$ –	\$ 12,741	\$ 12,741
Capacity building	20,000	100,000	100,000	220,000	220,000
Library and collections	–	–	140,000	140,000	140,000
New grants provided	20,000	100,000	240,000	360,000	360,000
Current year expenditures	(15,975)	(100,000)	(225,854)	(341,829)	(355,000)
Recovered	(5,000)	(16,537)	–	(21,537)	(12,741)
	(20,975)	(116,537)	(225,854)	(363,366)	(367,741)
Unexpended grants, research allowances, small grants	4,025	–	14,146	18,171	16,537
Unexpended grants, closing balance	\$ 4,025	\$ –	\$ 14,146	\$ 18,171	\$ 21,537

NOTE 6 COMMITMENTS

The Institute receives its principal funding from the Ministry of Finance, Treasury Board and Finance. The two-year agreement was renewed effective April 1, 2021 and expires on March 31, 2023. The Institute's ability to maintain viable operations is dependent upon the continued support from the Alberta Government.

Note 6 continued...

The Institute has the following commitments:

FISCAL YEAR	RESEARCH GRANTS^(A)	LEASE^(B)	TOTAL
2022/2023	372,724	16,425	389,149
2023/2024	139,688	16,425	156,113
2024/2025	43,390	16,425	59,815
2025/2026	–	4,106	4,106
Total	\$ 555,802	\$ 53,381	\$ 609,183

(A) RESEARCH GRANTS

The Institute has various types of granting programs. In response to calls for proposals, the Board approves researcher identified initiatives. Upon approval and receipt of various confirmation documents from the host Institute University's Research Services Office, the Institute authorizes payment of the first year funding of the approved award. For these types of awards extending beyond one year, authorization of subsequent period amounts is subject to satisfactory reporting. Commitments for these awards include the subsequent period amounts, and any other approved grant requests for which the researcher has not yet met all of the eligibility criteria.

(B) LEASE

The Institute entered into a lease with the University of Calgary for the period July 1, 2020 to June 30, 2025 with a renewal option of five years.

NOTE 7 ECONOMIC DEPENDENCE

The Institute receives its principal funding from the Ministry of Finance, Treasury Board and Finance.

NOTE 8 RELATED PARTY TRANSACTIONS

During the year, there were no related party transactions except for transactions with the Ministry of Finance, Treasury Board and Finance and Partner Universities as disclosed in the notes and schedules to these financial statements.

NOTE 9 BUDGET

The 2021-2022 budget was approved by the Institute's Board of Directors on April 14, 2021.

NOTE 10 APPROVAL OF FINANCIAL STATEMENTS

These financial statements were approved by the Institute's Board of Directors on August 11, 2022.

Schedule 1 – Schedule of Expenses

YEAR ENDED MARCH 31

	2022 BUDGET	2022 ACTUAL	2021 ACTUAL
RESEARCH			
Grant competition/strategic research	\$ 927,670	\$ 647,448	\$ 692,644
Capacity building	275,000	245,000	320,000
	1,202,670	892,448	1,012,644
INFRASTRUCTURE AND LIBRARY			
Library and collections	140,000	140,000	140,000
	140,000	140,000	140,000
RESEARCH LINKAGES			
Events, colloquia	50,000	61,944	9,879
Communications, exchanges	15,000	11,408	14,760
	65,000	73,352	24,639
RESEARCH ADMINISTRATION			
Governance	20,000	10,331	11,286
Personnel costs	147,500	123,000	127,086
Professional fees	13,000	12,915	12,600
Administrative hub	20,000	12,968	8,472
	200,500	159,214	159,444
TOTAL EXPENSES	\$ 1,608,170	\$ 1,265,014	\$ 1,336,727

Board of Directors

Currie, Dr. Cheryl

Cheryl Currie is an Associate Professor of Public Health in the Faculty of Health Sciences at the University of Lethbridge. She completed a PhD in the School of Public Health at the University of Alberta in 2012. As a social epidemiologist, Dr. Currie's research is focused on the ways in which our social experiences, both positive and negative, get under the skin to shape our health, health-risk behaviour, and stress biology with a special focus on addictive behaviours including gambling and gambling problems. Dr. Currie joined the Institute Board in January 2021.

Godley, Dr. Jenny

Jenny Godley is an Associate Professor in the Department of Sociology and an Adjunct Associate Professor in the Department of Community Health Sciences at the University of Calgary. Trained as a quantitative sociologist and a demographer, her major research areas are interdisciplinary research evaluation, social network analysis, gender, demography, and health. Dr. Godley has published both quantitative and qualitative articles in a variety of journals in sociology, public health, and evaluation science. She frequently works with interdisciplinary teams to conduct empirical examinations focusing on the

social determinants of health using nationally representative data from Statistics Canada. Dr. Godley also has a strong interest in the ethics of human subjects research, and has served as the Chair of the Conjoint Faculties Research Ethics Board at the University of Calgary since July 2019. She is on the editorial board of the *Canadian Journal of Public Health* and an ad hoc reviewer for several other journals. Dr. Godley joined the Institute Board in May 1, 2018.

Lund, Dr. Anna

Anna Lund is an Associate Professor in the Faculty of Law at the University of Alberta. She researches in the areas of bankruptcy and insolvency, and debtor creditor law, and civil procedure. She is currently researching foreclosures and the variation in legal form of different incorporated organizations. Her book, *Trustees at Work: Financial Pressures, Emotional Labour, and Canadian Bankruptcy Law* was published by UBC Press in December 2019. Additionally, she has published articles in journals including the *University of Toronto Law Journal*, the *Canadian Business Law Journal*, and the *Alberta Law Review*. A member of the Law Society of Alberta, she continues to practice on a pro bono basis through the Edmonton Community Legal Centre. Dr. Lund joined the Institute Board on March 1, 2018.

Nicol, Dr. Christopher

Chris Nicol completed nine years as the University Librarian at the University of Lethbridge on June 30, 2021, and is now on Administrative Leave. He continues at the University of Lethbridge as a Professor of Economics, with a number of Leave projects underway. Prior to his appointment as University Librarian, Dr. Nicol was Dean of the Faculty of Arts and Science at the University of Lethbridge for twelve years. He was a member of the Board of The Alberta Library (TAL) and was Chair of the Board of the Council of Prairie and Pacific University Libraries (COPPUL) while University Librarian. Dr. Nicol has also served as a member of the Editorial Board of the *Canadian Journal of Economics*, and a member of the Executive Council of the Canadian Economics Association. His interests are in econometrics, applied econometrics, the theory of consumer behaviour, and macroeconomic policy debates. Dr. Nicol joined the Institute Board on January 1, 2018.

O'Shea, Dr. Séamus

Séamus O'Shea is a former Vice President (Academic) and Provost, and Professor of Chemistry at the University of Lethbridge. In addition to duties at the University, he is an advocate for increasing university participation and a promoter of university transfer programs, post-diploma degrees, and student-focused programming. He participated in planning and implementing advanced infrastructure for research and development, particularly high performance networks and computing systems. Dr. O'Shea's research interests involved mathematical and computer modelling of molecular liquids and solids. He is past Chair, Board of Directors, of iCORE (informatics Circle of Research Excellence), of Cybera (networks), and of WestGrid (high performance computing systems.) Dr. O'Shea was appointed Chair of the Institute's Board of Directors on February 1, 2012, and reappointed in February 2019 for a two-year term.

Stewart, Dr. David

David Stewart is a Professor in the Department of Political Science at the University of Calgary. He has taught at seven universities in the four western Canadian provinces. He was a member of the Department of Political Science at the University of Alberta from 1992 until 2000. Dr. Stewart moved to the University of Manitoba in 2000 and subsequently served as the Dean of Studies of St. John's College, Acting Head of Political Studies, and Associate Dean in the Faculty of Arts. He joined the University of Calgary in the summer of 2005 and has served as Head of the Political Science Department, Acting Head of Classics and Religion and as an Associate Dean in the Faculty of Arts. His research interests focus on Canadian politics. Dr. Stewart has an extensive teaching record in Canadian politics at both the undergraduate and graduate level and has frequently served as a media commentator on Canadian politics. He is currently serving as the President of The University of Calgary Faculty Association. Dr. Stewart joined the Board on July 1, 2019.

Wesley, Dr. Jared

Jared Wesley is a Professor in the Department of Political Science and member of the Black Faculty Collective at the University of Alberta. He has a professional background in public policy and public administration, having served seven years in various positions in the Governments of Alberta and Manitoba. Dr. Wesley joined the Board on January 1, 2020.

Wong, Ms. Glenda

Glenda Wong began as Executive Director of the Alberta Gambling Research Institute on September 1, 2015. Ms. Wong's work background includes twelve years of senior management and administration in the area of health care education within the University of Calgary. She has also collaborated and worked with other Canadian universities, provincial and national government health departments, and various health organizations. Ms. Wong serves in an ex-officio advisory capacity on the Institute Board and represents the Institute on a number of inter-organizational and inter-jurisdictional planning bodies for collaborative research initiatives.

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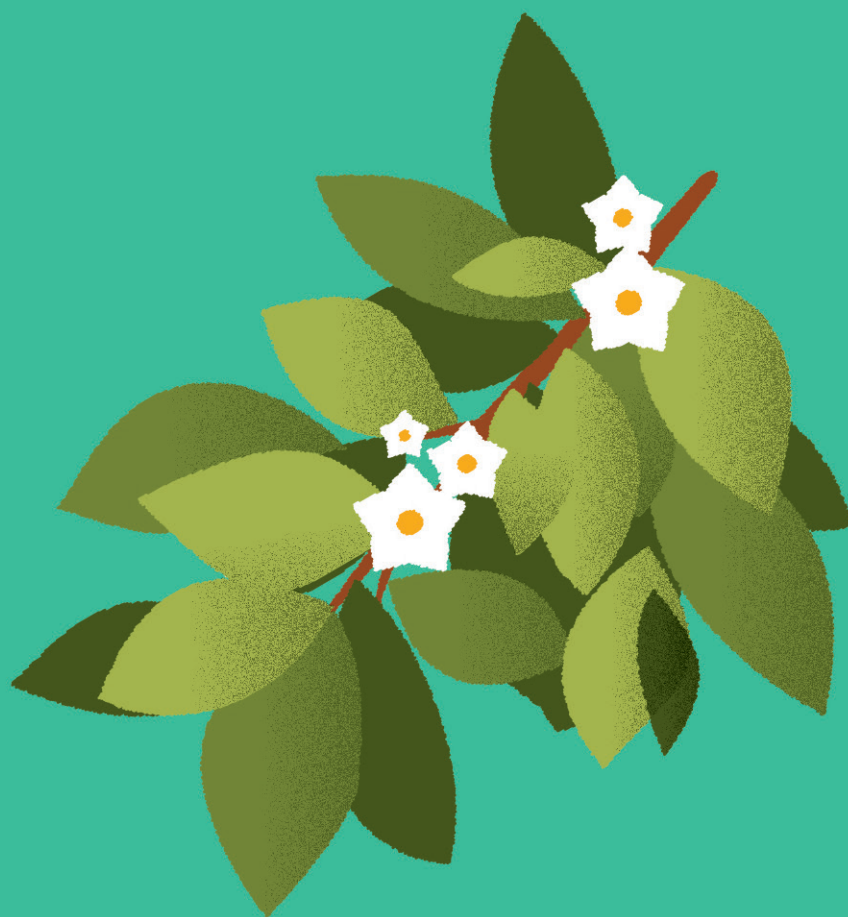
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