

# **Alberta Addiction & Mental Health Researchers Database**

## **Compilation Process Description**

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## Project team

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# What is the Alberta AMH Researchers Database?

This resource brings together publicly available information about researchers in Alberta with research interests in the addiction and mental health (AMH) field. There are currently more than 500 researchers included. The database is freely available online through [Airtable](https://airtable.com/shrfjKf28nLI9xGxv):

<https://airtable.com/shrfjKf28nLI9xGxv>

The database was compiled from September to December 2018 by the Knowledge Exchange team of Provincial Addiction & Mental Health, Alberta Health Services.

After surveying the research interests of all identified faculty members, we consolidated these research interests into 23 categories and 75 research areas. See Table 1 below.

## Where did this data come from?

Our team gathered this data from multiple sources:

- University and college websites (see Appendix A)
- Research institute and organization websites (see Appendix B)
- Alberta Innovates grant recipients from 2013-2018
- Canadian Institutes of Health Research Project Grant recipients from 2014-2018
- Alberta Gaming Research Institute projects
- Current Canada Research Chairs in Alberta

This information was compiled from publicly available resources and complies with the requirements of the Freedom of Information and Protection of Privacy (FOIP) Act.

## Who can be contacted about updates or omissions?

Email the Knowledge Exchange team at [amh.researchhub@ahs.ca](mailto:amh.researchhub@ahs.ca) with comments and suggestions.

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**Table 1. Addiction & Mental Health Research Categories**

The bold terms are the 23 research categories (broad, high level). The bulleted terms beneath the categories are the 75 identified research areas (narrow, descriptive). Note that some research areas fit into more than one category, and some categories stand alone as both research area and category.

<b>Addiction and mental health system and services</b> <ul style="list-style-type: none"> <li>Addiction and mental health costs and policy</li> <li>Addiction and mental health education</li> <li>Addiction and mental health services</li> <li>Community mental health</li> <li>Evaluation and quality improvement</li> <li>Forensic mental health</li> <li>Healthcare integration</li> </ul>	<b>Addiction and substance use</b> <ul style="list-style-type: none"> <li>Addiction</li> <li>Adolescent substance use</li> <li>Alcohol use disorder</li> <li>Cannabis use</li> <li>Concurrent disorders</li> <li>Gambling disorder</li> <li>Opioid use and addiction</li> <li>Substance use policy</li> <li>Tobacco use and smoking cessation</li> </ul>	<b>Anxiety and stress</b> <ul style="list-style-type: none"> <li>Anxiety disorders</li> <li>Stress</li> </ul>	<b>Children and adolescents</b> <ul style="list-style-type: none"> <li>Adolescent mental health</li> <li>Adolescent substance use</li> <li>Childhood trauma</li> <li>Children's mental health</li> <li>Indigenous child welfare</li> <li>Maternal mental health</li> <li>Parental mental health</li> </ul>
<b>Diagnostics</b> <ul style="list-style-type: none"> <li>Neuroimaging</li> </ul>	<b>Eating disorders</b>	<b>Fetal alcohol spectrum disorder (FASD)</b>	<b>General mental health</b> <ul style="list-style-type: none"> <li>Concurrent disorders</li> <li>Genetics and epigenetics</li> <li>Maternal mental health</li> <li>Parental mental health</li> </ul>
<b>Knowledge translation</b>	<b>Minorities and vulnerable populations</b> <ul style="list-style-type: none"> <li>Immigrant and refugee addiction and mental health</li> <li>Indigenous addiction and mental health</li> <li>Indigenous child welfare</li> <li>Vulnerable populations</li> </ul>	<b>Miscellaneous</b> <ul style="list-style-type: none"> <li>Caregivers</li> <li>Neuroplasticity</li> <li>Pain</li> </ul>	<b>Mood disorders</b> <ul style="list-style-type: none"> <li>Bipolar disorder</li> <li>Depression</li> </ul>
<b>Neurocognitive disorders</b> <ul style="list-style-type: none"> <li>Alzheimer's disease</li> <li>Amyotrophic lateral sclerosis (ALS)</li> <li>Cognition and cognitive disorders</li> <li>Dementia</li> <li>Huntington's disease</li> <li>Memory</li> <li>Movement disorders</li> <li>Neurodegenerative diseases</li> <li>Parkinson's disease</li> <li>Prion diseases</li> <li>Tourette syndrome</li> </ul>	<b>Neurodevelopmental disorders</b> <ul style="list-style-type: none"> <li>Attention deficit hyperactivity disorder (ADHD)</li> <li>Communication disorders</li> <li>Intellectual disability</li> <li>Learning disabilities</li> <li>Oppositional defiant disorder</li> </ul>	<b>Obsessive compulsive and personality disorders</b> <ul style="list-style-type: none"> <li>Obsessive compulsive disorder</li> <li>Personality disorders</li> </ul>	<b>Psychosis and schizophrenia</b>
<b>Schools and workplaces</b> <ul style="list-style-type: none"> <li>Employment and workplace</li> <li>Mental health in schools</li> </ul>	<b>Self-harm and suicide</b> <ul style="list-style-type: none"> <li>Self-harm</li> <li>Suicidal behaviours</li> </ul>	<b>Seniors</b> <ul style="list-style-type: none"> <li>Seniors' mental health</li> </ul>	<b>Stigma</b>
<b>Technology</b> <ul style="list-style-type: none"> <li>Technology and AMH</li> </ul>	<b>Treatment and intervention</b> <ul style="list-style-type: none"> <li>Crisis intervention</li> <li>Psychopharmacology and psychotropic medications</li> <li>Resilience</li> <li>Treatment/Intervention</li> </ul>	<b>Violence and trauma</b> <ul style="list-style-type: none"> <li>Childhood trauma</li> <li>Domestic violence</li> <li>Indigenous child welfare</li> <li>Post-traumatic stress disorder</li> <li>Violence and trauma</li> </ul>	

## Appendix A: University and college websites

The Knowledge Exchange team reviewed online faculty profiles to identify those with research interests in the field of addiction and mental health (AMH).

- When a faculty profile indicated AMH research interests or listed publications related to AMH, they were included.
- When no research interests or publications were listed on the faculty profile, a team member conducted an additional author name search in PubMed, Google Scholar, and ResearchGate to determine if the person was involved with any scholarly publications related to AMH. Those who had published within the past five years were included.

The websites of the following universities and colleges were reviewed for faculty members conducting research in an AMH-related field.

**Table 2. University and College Websites Consulted**

University / College	Faculty / Department
<b>Athabasca University</b>	Faculty of Health Disciplines (entire Faculty)
<b>Grande Prairie Regional College</b>	Nursing, Degree Completion (entire program)
	Faculty of Science (Departments of Neuroscience, Psychology)
	Department of Arts & Education (Departments of Arts, Education, Social Work)
	Community Enhancement Research
<b>Lethbridge College</b>	Centre for Applied Research and Innovation
<b>MacEwan University</b>	Faculty of Health and Community Studies (entire Faculty)
	Faculty of Nursing (entire Faculty)
	Office of Research Services
<b>Medicine Hat College</b>	Addictions Counselling Diploma Program
	Social Work Diploma Program
	Nursing Degree Program

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<b>Mount Royal University</b>	Faculty of Arts (Departments of Psychology, Sociology and Anthropology)
	Faculty of Continuing Education and Extension (Department of Community and Health Studies)
	Faculty of Health, Community and Education (Department of Child Studies and Social Work, School of Nursing and Midwifery)
	Office of Research, Scholarship and Community Engagement
<b>Red Deer College</b>	School of Health Sciences (entire School)
<b>University of Alberta</b>	Faculty of Arts (Departments of Psychology, Sociology)
	Faculty of Education (Department of Educational Psychology)
	Faculty of Medicine & Dentistry (Departments of Family Medicine, Pediatrics, Pharmacology, Psychiatry)
	Faculty of Nursing (entire Faculty)
	Faculty of Pharmacy and Pharmaceutical Sciences (entire Faculty)
	School of Public Health (entire School)
	Faculty of Rehabilitation Medicine (entire Faculty)
	Faculty of Science (Departments of Neuroscience, Psychology)
<b>University of Calgary</b>	Faculty of Arts (Departments of Psychology, Sociology)
	Cumming School of Medicine (Departments of Community Health Sciences, Pediatrics, Physiology and Pharmacology, Psychiatry)
	Faculty of Nursing (entire Faculty)
	Faculty of Science (Department of Neuroscience)
	Faculty of Social Work (entire Faculty)
	Brain and Mental Health Research Strategy
<b>University of Lethbridge</b>	Faculty of Arts & Science (Departments of Neuroscience, Psychology)
	Faculty of Health Sciences (Aboriginal Health, Addictions Counselling, Nursing, Public Health Programs)

## Appendix B: Research institute and organization websites

The following research institute and organization websites were reviewed for researchers in the field of addiction and mental health.

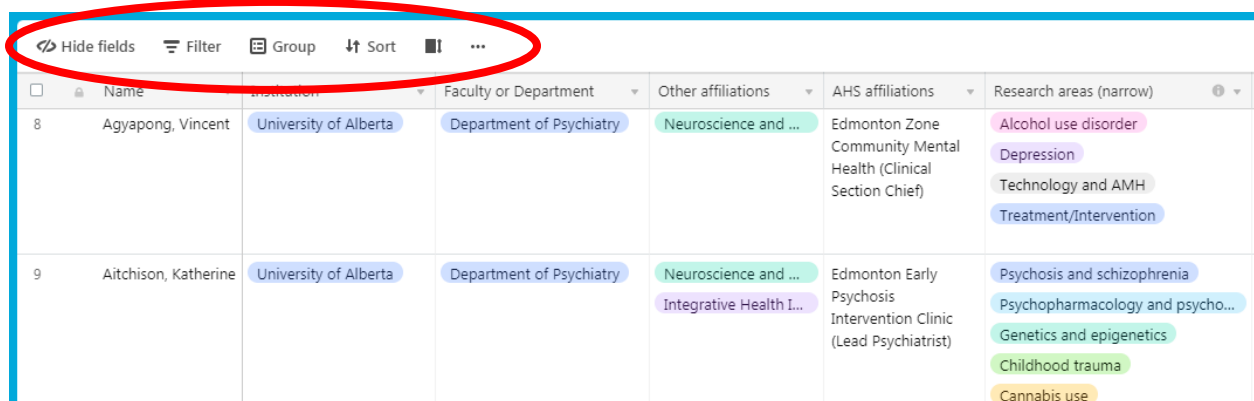
- Alberta Children's Hospital Research Institute
- Alberta Cognitive Neuroscience
- Alberta Gambling Research Institute
- Alberta Machine Intelligence Institute
- Campus Alberta Neuroscience
- Canadian Centre for Behavioural Neuroscience
- Canadian Research Initiative in Substance Misuse Prairie Node executive committee
- Centre for Prions and Protein Folding Diseases
- Hotchkiss Brain Institute
- IBM Alberta Centre for Advanced Studies
- Indigenous and Global Health Research Group
- Institute of Health Economics
- Integrative Health Institute
- Mathison Centre
- Neuroscience and Mental Health Institute
- O'Brien Institute for Public Health
- Women and Children's Health Research Centre senior management



## Appendix C: Airtable features

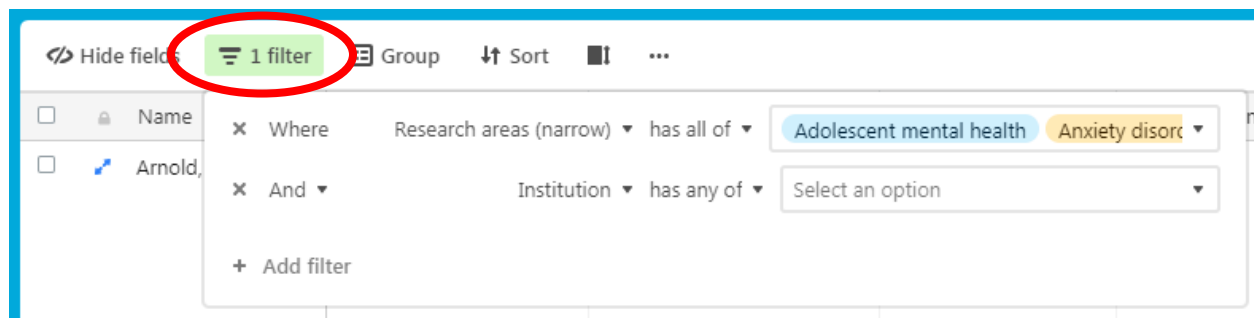
Airtable is a free online database platform. It looks much like an Excel spreadsheet, but is more flexible for organizing the data that interests you.

The **top menu bar** includes all the options for manipulating the data.



	Name	Institution	Faculty or Department	Other affiliations	AHS affiliations	Research areas (narrow)
8	Agyapong, Vincent	University of Alberta	Department of Psychiatry	Neuroscience and ...	Edmonton Zone Community Mental Health (Clinical Section Chief)	Alcohol use disorder Depression Technology and AMH Treatment/Intervention
9	Aitchison, Katherine	University of Alberta	Department of Psychiatry	Neuroscience and ... Integrative Health I...	Edmonton Early Psychosis Intervention Clinic (Lead Psychiatrist)	Psychosis and schizophrenia Psychopharmacology and psycho... Genetics and epigenetics Childhood trauma Cannabis use

You can apply **multiple filters** to limit researchers by institution, department, or research area.



Filter	Logic	Field	Operator	Value
Where	has all of	Research areas (narrow)		Adolescent mental health, Anxiety disorc
And	has any of	Institution		Select an option

You can also **print** the database, or **download** the data in CSV format.