Preventing harmful drug use in Australia
Preventing harmful drug use in Australia

The National Drug Research Institute at Curtin University is supported by funding from the Australian Government under the Drug and Alcohol Program

Street Address:
7 Parker Place, Building 609
Technology Park, Bentley, Western Australia, 6102

Postal Address:
National Drug Research Institute
Curtin University
GPO Box UI987
Perth, Western Australia, 6845

Telephone: (08) 9266 1600
Facsimile: (08) 9266 1611
Email: ndri@curtin.edu.au
Website: ndri.curtin.edu.au

CRICOS Provider Code 00301J
Contents

About NDRI 02
Advisory Board 03
Chair’s Report 04
Director’s Report 05
Highlights 06
Research Activities 08
Staff 20
Dissemination Activities 21
Finance Report 32
Appendix - List of Abbreviations 34
The National Drug Research Institute (NDRI) is one of the largest centres of alcohol and other drug research expertise in Australia. NDRI is based at Curtin University in Perth, Western Australia.

NDRI is an integral part of the national strategy aimed at minimising the harm associated with legal and illegal drug use in Australia. Our role is to conduct and disseminate high quality research that contributes to effective policy, strategies and practice to prevent and reduce harmful alcohol and other drug use. Our research is complemented by the work of the National Drug and Alcohol Research Centre (NDARC) at the University of New South Wales, the National Centre for Education and Training on Addiction (NCETA) at Flinders University, and the Centre for Youth Substance Abuse Research (CYSAR) at the University of Queensland.

NDRI is supported by core funding from the Australian Government under the Drug and Alcohol Program and also receives significant funding from Curtin University. Additional competitive funds are attracted from a range of state, national and international funding bodies such as the National Health and Medical Research Council (NHMRC) and the Australian Research Council (ARC).

**Mission**

Our mission is to conduct and disseminate high quality research that supports evidence informed policy, strategies and practice approaches to prevent and minimise alcohol and other drug-related health, social and economic harms among individuals, families and communities in Australia.

**Key Result Areas**

- Conduct research that contributes to the evidence base to support policy, strategies and practice to prevent and reduce alcohol and other drug-related health, social and economic harm.
- Contribute to enhancing the national capacity for research and engage with key groups to translate research findings to policy, strategies and practice.

**Values**

Our work is guided by the following values:

- Encouragement of academic excellence and productivity
- Academic independence
- Service to the community
- Social equity and justice, including a commitment to Aboriginal Australians
- Relevance to efforts to combat major health and social problems
- The need for rigour and evidence in policy and practice development and implementation
- Openness to other views from internal and external peer review
- Ethical conduct
- Support for and development of early career researchers
- Fairness and equity for staff of all levels
Advisory Board

The NDRI Advisory Board reflects our national scope, comprising members from around Australia. Members are drawn from stakeholders including Aboriginal Australians, law enforcement, non-government services, public health, the wider community, consumers, academia and research. The role of the Advisory Board is to support and advise the Director in the effective governance of the Institute.

Dr Michael Moore AM PhD (Chair)
Immediate Past President
World Federation of Public Health Associations

Prof Archie Clements
Pro Vice Chancellor
Faculty of Health Sciences, Curtin University

Ms Ann Deanus
Chief Executive Officer
Women’s Health Services WA

Prof Torbjorn Falkmer
Dean of Research and Graduate Studies
Faculty of Health Sciences, Curtin University

Superintendent Mark Gilbert
Nominee of the Commissioner
Western Australia Police

Dr Victoria Hovane
Professor and Study Director
National Centre for Epidemiology and Population Health,
Australian National University

Ms Juanita Koeijers
Consumer Representative

Prof Chris Moran
Deputy Vice Chancellor Research
Research Office, Curtin University

Ms Linda Savage
Lawyer and WA Ambassador for Children and Young People

Mr Terry Slevin
Chief Executive Officer
Public Health Association Australia

Dr Amanda Stafford
Staff Specialist Emergency Medicine
Royal Perth Hospital

Prof Simon Lenton (Executive Officer)
Director
National Drug Research Institute
Welcome to the National Drug Research Institute’s Annual Report for 2019, which gives an overview of the Institute’s activities during the past 12 months.

I am delighted to report that in 2019 NDRI was awarded over $6.4 million by the Australian Government to continue conducting research that contributes to effective policy, strategies and practice aimed at preventing and reducing harmful alcohol and other drug use in Australia. The core funding is provided by the Alcohol and Other Drugs Research Centres program, under the Australian Government Department of Health’s Drug and Alcohol Program, and is for a three-year period to June 2022.

The new grant marks 35 years of continuous funding of NDRI by the Commonwealth Government, and is a measure of the high regard in which the Institute is viewed nationally and internationally. With a focus on social impact as well as academic metrics, the new funding, along with ongoing financial and other support from Curtin University, will allow NDRI to continue to conduct innovative research, enhance national research capacity, and engage community stakeholders in the research process so that findings can be translated into effective policy and practice.

The last year was, as always, one of outstanding achievement by NDRI staff, with researchers engaged in an extensive range of projects and collaborations. Research was widely presented at many national and international conferences and symposia, and published in peer reviewed journals and as reports.

The use of drugs, both legal and illegal, is enormously costly to the Australian community in terms of health, crime, productivity and road trauma, to say nothing of the personal toll on individuals and the people around them. In 2019, NDRI launched new research showing that, despite years of reduction in use of tobacco, the cost to Australia is at least $136.9 billion each year. There is no room for complacency in efforts to prevent and reduce smoking. This important report was the second in a series on the social and economic costs of substance use; the first report focused on methamphetamine, and future reports will look at the costs of opioids, cannabis and alcohol.

I warmly acknowledge and thank the Director, along with the academic and support staff at NDRI, for their hard work and achievements during 2019, and look forward to their continued success in the coming year.

The NDRI Advisory Board encompasses members from around Australia, reflecting the national scope of the organisation. I express my sincere thanks to my fellow NDRI Advisory Board members for their time, commitment and contribution during the past 12 months, and look forward to a productive year ahead.

Dr Michael Moore AM PhD
Chair
NDRI Advisory Board
2019 has been another great year of achievement for NDRI, as is evidenced from the work described in the body of this Annual Report. In reading through the work, a theme that is immediately apparent is the importance of collaboration as part of the research endeavour. Increasingly, in meeting the challenges and seizing the opportunities which are a part of responding to alcohol and other drug use and related harm in this country, it is crucial for us to work with a range of partners to meet our common goals. The depth and breadth of these partnerships, which reflect the longevity and maturity of the research activity, is central to the quality and scope of the research and the outputs of the Institute. Among others, there are collaborations with researchers and research groups across Australia and internationally; with communities and people affected by drug use and associated harms; with clinicians, educators and public health practitioners; with those who work in the government sector and the non-government sector; and closest to home, with colleagues elsewhere in our University.

Highlighting our outputs, and again reflecting the collaborative nature of our work, during the year our staff and students produced 107 publications including refereed journal articles, reports, books and chapters; gave 46 presentations at conferences, seminars and other events in Australia and internationally; and supervised 16 postgraduate students. In 2019, we received $2,185,966 in externally competitive and commissioned research funding, and NDRI research or expertise appeared in some 1780 media stories.

One of NDRI’s key performance indicators is to ‘Contribute to enhancing the national capacity for research and engage with key groups to translate research findings to policy, strategies and practice’. Whilst this is reflected in the collaborative nature of the work, enhancing national capacity is also central to the important role of supervising student research projects. NDRI researchers are primarily involved in the supervision of Higher Degree by Research (HDR) students, namely Masters and PhD students. The nature of much of NDRI’s work, primarily in the policy sphere, means that attracting suitable PhD students is always a challenge. There is not the obvious transition from study to work that is more apparent in, for example, drug treatment based HDR projects. Furthermore, the complex nature of policy research, the often necessary involvement of many stakeholders, and the vulnerability to outside macro political and governmental influences, means that these PhDs are demanding on both students and supervisors. Thus, in purely numerical terms, the size of NDRI’s graduate studies cohort may appear small compared to lab-based or treatment-oriented settings. However, the capacity to make a meaningful and valued contribution to addressing alcohol and other drug issues in Australia and internationally is undoubtedly important in attracting a group of select and highly motivated students. The scope of the work of NDRI students is summarised in the ‘Postgraduate Program’ section on pages 18-19, and some of the policy contributions that our PhD students made during the year are apparent in the ‘Highlights and Achievements’ (pp. 6-7) and the Publications (pp. 22-28) sections of the report.

A reality of academia and academic research is that shifting circumstances and funding opportunities and uncertainties mean researcher mobility and change are a part of the landscape. In late 2019, Associate Professor Rebecca McKetin, whose Curtin Fellowship was coming to an end, left NDRI to take up a position at NDARC, where she continues her important work on methamphetamine treatment. In June, Professor Suzanne Fraser was appointed Director of the Australian Research Centre in Sex, Health and Society (ARCSHS) at La Trobe University. She was joined by Professor David Moore, several research staff and two PhD students from NDRI’s Melbourne office. With these departures, the Melbourne office was temporarily closed and, with the support of the NDRI Board, the Pro Vice Chancellor of Health Sciences at Curtin, and the Department of Health, plans were commenced to shape and establish a new Melbourne base. Whilst the departure of longstanding colleagues is always hard, it also opens up new opportunities. Our plans have progressed well, and we look forward to announcing exciting new developments in Melbourne in the first half of 2020.

To conclude, I thank our funders - the Australian Government Department of Health and Curtin University - and the Chair and members of the NDRI Advisory Board, who have provided sound support and a keen interest in our research activities throughout the year. I know this is something that is highly valued by NDRI researchers. Finally, I express my appreciation for the contribution and commitment throughout the year of the researchers, students and business support staff who make up the NDRI team.

Professor Simon Lenton
Director
National Drug Research Institute
NDRI welcomed the Australian Government’s announcement of $268 million in funding to support drug and alcohol treatment and research over three years, including $24 million to fund the four national research centres. NDRI received its new core funding agreement in June, valued at over $6.4 million, providing certainty going forward over the next three years.

NDRI also welcomed the Australian Government’s commitment of over $100,000 for research into the key principles and features of a nationally consistent take-home naloxone (THN) model in Australia, to be undertaken by the Burnet Institute and NDRI. This research complements a concurrent THN pilot program aimed at expanding availability to a range of settings frequently accessed by at risk groups.

NDRI published a new national estimate of the economic and social costs of smoking, which found that in the 2015-2016 financial year smoking cost the Australian community at least $136.9 billion (see highlight box).

A new online tool, developed by the National Alcohol Indicators Project (NAIP) team, to identify alcohol harm trends, went live at alcoholharmtool.info. The tool provides an instant, interactive way to illustrate trends in alcohol-attributable deaths and hospitalisations in Australia using maps, graphs and charts.

Overdoselifesavers.org, a new website presenting personal stories of opioid overdose and the use of take-home naloxone to save lives was launched, based on qualitative research conducted at NDRI and La Trobe University in collaboration with the Burnet Institute and King’s College London.

An NDRI evaluation of the effectiveness of Hello Sunday Morning’s Daybreak program found that use of the Daybreak digital app, developed as an intervention to support high-risk drinking individuals looking to change their relationship with alcohol, can lead to clinically significant reductions in alcohol use in both “risky/harmful” and “probably dependent” drinkers, who are often the most complex cases to treat.

New findings from the NDRI-led YAARS study were published, showing that young people experience a multitude of harms from ‘second-hand drinking’, including more than 70% of teenage girls who are risky drinkers reporting unwanted sexual attention from other drinkers.

A plain language version of the Review of the harmful use of alcohol among Aboriginal and Torres Strait Islander people written by NDRI researchers in 2018 was published by the Australian Indigenous Alcohol and Other Drugs Knowledge Centre, providing an easy-to-understand overview.

NDRI contributed expertise and evidence to several state and federal parliamentary inquiries, including the Special Commission of Inquiry into the Drug ‘Ice’, preventing and responding to Fetal Alcohol Spectrum Disorders (FASD), lockout laws and the ‘night time economy’ in Sydney, and, in separate inquiries, regulation of cannabis use and kava importation.

NDRI researchers Jodie Grigg and Simon Lenton outlined the evidence around pill testing and use of sniffer dogs to a coronial inquest into the deaths of six patrons at NSW music festivals. Following a detailed submission, Jodie Grigg was invited to appear in person, and their contribution was cited extensively in the coroner’s report.

NDRI Adjunct Professor Nicole Lee was recognised at Curtin’s Research and Engagement Awards for her substantial contribution as a media commentator in 2019 and for being the Curtin academic who published the most articles in The Conversation in 2019, covering a range of alcohol and other drug related issues and gaining more than 556,000 reads worldwide.

Tim Stockwell, NDRI Adjunct Professor and former NDRI Director, visited NDRI and presented a seminar on differing assumptions regarding the health benefits of moderate alcohol use, and how these assumptions can impact national monitoring systems and drinking guidelines.

Steve Allsop was invited to deliver the James Rankin Oration at the Australasian Professional Society on Alcohol and other Drugs (APSAD) Conference 2019 in Hobart, Tasmania.

Simon Lenton was one of five international experts invited to take part in a series of public lectures across New Zealand on cannabis policy reform, hosted by Massey University in the lead-up to the national referendum on cannabis law planned for the 2020 NZ general election.

Julia Butt wrote a Review of kava use among Aboriginal and Torres Strait Islander people for publication by the Australian Indigenous Alcohol and Other Drugs Knowledge Centre. The review includes detailed information on the many regulatory changes relating to kava in Australia, and the impact on communities. The findings of the review were presented at a webinar hosted by the Knowledge Centre.

Anne-Marie Laslett gave a seminar presenting the findings and impacts of her program of work studying the harm to children from others’ drinking while funded by the NHMRC on an Early Career Fellowship at NDRI from 2015 to 2019.
Billions ‘up in smoke’ every year

While investment in strategies to prevent and reduce smoking in Australia has helped drive a sustained decline in smoking rates, there is no room for complacency. In 2019, NDRI launched a new national estimate of the economic and social costs of smoking which found that in the 2015-2016 financial year, smoking cost the Australian community at least $136.9 billion.

Smoking was responsible for $19.2 billion in direct tangible costs, including healthcare costs, reduced productivity, worker absence, and the cost of caring for someone with a smoking-related disease. Intangible costs, including years of life lost from premature death and lost quality of life from living with a serious illness, were estimated at a massive $117.7 billion.

One in eight Australians smoke daily, and tobacco is responsible for 20,000 preventable deaths each year, the equivalent of a smoking-related death every 26 minutes.

The research, Identifying the social costs of tobacco use to Australia in 2015/16, was the first national update in 15 years of the cost of smoking. It is substantially higher than the 2004 estimate of $31.5 billion as it uses up-to-date methodology for calculating costs and includes previously uncounted costs.

The national research team was led by NDRI and included experts from the South Australian Centre for Economic Studies at University of Adelaide, Quit Victoria, the Australian National University in Canberra, and the National Centre for Education and Training on Addiction at Flinders University in Adelaide.

Social costs of smoking $137 billion

This is the second in a series of reports on the social and economic costs of substance use in Australia, following on from methamphetamine. All NDRI reports are available to download from the Institute’s website at ndri.curtin.edu.au.
The National Drug Research Institute (NDRI) is among the largest centres of alcohol and other drug research expertise in Australia. Since our inception in 1986, we have conducted novel, high quality, strategic research that aims to inform Australia’s response to alcohol and other drug problems at local, state and national levels.

NDRI focuses on research and other outputs that have policy and practice relevance and impact. We work in partnership and collaboration with Australian, state and local governments; with health, social and law enforcement services; and with communities. To ensure broad and enduring impact, capacity building is central to our work.

Our researchers come from diverse backgrounds including psychology, epidemiology, biostatistics, sociology, anthropology, medicine and public health. A range of high level skills and a wealth of knowledge contribute to innovative, multi-disciplinary research approaches.

The following pages list new, ongoing and completed projects undertaken by NDRI researchers during 2019, organised by key research priorities (listed below). Further project information can be found on NDRI’s website at ndri.curtin.edu.au.

### Key Research Priorities

NDRI’s research priority areas align with the National Drug Strategy 2017-2026 and are responsive to current and emerging Australian Government priorities regarding alcohol and other drugs.

Our current focus is on conducting research and building capacity in the following six areas:

- Alcohol and other drug policy and strategies
- Needs of Aboriginal Australians
- Innovation in prevention and early intervention
- Social contexts of alcohol and other drug use
- Reducing harm among people who use alcohol and other drugs
- Innovation in the management of alcohol and other drug problems
Research Activities

ALCOHOL AND OTHER DRUG POLICY AND STRATEGIES

Informing, evaluating and investigating policy to ensure the most effective evidence based measures are in place

Policy research takes a broad approach to alcohol and other drugs (AOD) that spans issues that influence social, health, regulatory and enforcement policy in Australia and overseas. It focuses on conducting targeted data collection and trend analysis and monitoring; and evaluating the impact of various models of regulatory and legislative controls and policies on AOD use and its consequences. It aims to inform activities across the sector, in particular government policies and strategies, and has a major focus on assessing the impact of changes in policy at national and international levels, investigating models of control in other countries to build the evidence base, providing strategic advice to government, and informing community debate.

New Projects

Impacts of Banned Drinkers Register re-introduction in Northern Territory
NDRI staff: Tanya Chikritzhs
Project leaders: Deakin University
Project partners: Charles Darwin University; La Trobe University; Northern Territory Government; Central Australian Aboriginal Congress Aboriginal Corporation; University of New South Wales; Northern Territory Primary Health Network; Charles Darwin University; Aboriginal Medical Services Alliance NT Aboriginal Corporation; South Australian Health and Medical Research Institute; Foundation for Alcohol Research and Education; Monash University
Funded by: ARC Linkage

Review of methodologies used to estimate alcohol health harms, analysis of low alcohol doses on health protection and comparison of drinking and alcohol-caused harms in Australia and Canada
NDRI staff: Tanya Chikritzhs
Project partners: CISUR, University of Victoria, Canada
Funded by: AGDH

Alcohol’s harm to others: Multinational cultural contexts and policy implications
NDRI staff: Anne-Marie Laslett
Project leaders: Public Health Institute, USA
Project partners: University of California, USA; Ministry of Public Health, Thailand; University of Uyo, Nigeria; National Institute of Mental Health and Neurosciences, India; UNESP, Brazil; University of Oslo, Norway; University of North Dakota, USA; Aarhus University, Denmark; Centre for Addiction and Mental Health, Canada; Addiction Switzerland Research Institute, Switzerland; CAPR, La Trobe University; University of North Dakota, USA
Funded by: US National Institutes of Health

Developing an interactive web based alcohol harm monitoring tool for Australia - Burden of disease analysis
NDRI staff: Tanya Chikritzhs, Eveline Lensvelt
Project partners: CISUR, University of Victoria, Canada
Funded by: NDRI

Developing health promotion messages to encourage responsible drinking practices
NDRI staff: Tanya Chikritzhs
Project leaders: Curtin University
Project partners: Cancer Council Victoria; University of Newcastle
Funded by: Healthway

Does risk-based licensing of alcohol sales reduce alcohol-related harm?
NDRI staff: Tanya Chikritzhs, Eveline Lensvelt
Project partners: School of Psychology, Deakin University; Centre for Addiction and Mental Health, Canada
Funded by: ARC

Ecstasy & related drugs reporting system (EDRS) WA
NDRI staff: Simon Lenton, Jodie Grigg
Project leaders: NDARC, UNSW
Funded by: AGDH

Ongoing Projects

Alcohol and cannabis: Intervention research
NDRI staff: Tanya Chikritzhs
Project leaders: Karolinska Institute, Sweden
Project partners: Stockholm County Council; Stockholm Center for Dependency; MIC Lab AB; Boston University, USA; University of York, UK; Stockholm County Hospital; University of Victoria;
Funded by: Forte

See Appendix (page 34) for list of abbreviations
Research Activities

ALCOHOL AND OTHER DRUG POLICY AND STRATEGIES (continued)

Harm to children from others’ drinking
NDRI staff: Anne-Marie Laslett, Tanya Chikritzhs
Funded by: NHMRC Early Career Research Fellowship

Illicit drug reporting system (IDRS) WA
NDRI staff: Simon Lenton, Seraina Agramunt
Project leaders: NDARC, UNSW
Funded by: AGDH

Investigating the impact of liquor superstores in Western Australia
NDRI staff: Tanya Chikritzhs, Wenbin Liang, William Gilmore
Funded by: Mental Health Commission

National alcohol indicators project (NAIP)
NDRI staff: Tanya Chikritzhs, William Gilmore, Eveline Lensvelt
Funded by: AGDH

Peer Naloxone Education - Emergency Departments and St Patrick’s Crossroads Program - Follow-up Interviews
NDRI staff: Simon Lenton, Seraina Agramunt
Funded by: Mental Health Commission (WA)

Quantifying the social and economic costs of cannabis and opioid use in Australia
NDRI staff: Steve Allsop, Tanya Chikritzhs, Robert Tait, Simon Lenton; Aqif Mukhtar
Project partners: South Australian Centre for Economic Studies, University of Adelaide; NDARC, UNSW; NCETA, Flinders University; CYSAR, University of Queensland; NSW BOCSAR
Funded by: AGDH

World Health Organization and Thai Health “Harm from others’ drinking project: Phases 1 and 2”
NDRI staff: Anne-Marie Laslett
Project partners: Centre for Alcohol Policy Research, La Trobe University
Funded by: WHO and Thai Health Promotion Foundation

Completed Projects

Modelling the public health and safety impacts of liquor licensing changes on communities: Enhancing evidence-based liquor licensing decisions
NDRI staff: Wenbin Liang, Tanya Chikritzhs, Will Gilmore, Eveline Lensvelt
Funded by: Healthway

Quantifying the social and economic costs of tobacco in Australia
NDRI staff: Steve Allsop, Tanya Chikritzhs, Robert Tait, Simon Lenton, Aqif Mukhtar
Project partners: South Australian Centre for Economic Studies, University of Adelaide; Cancer Council Victoria; Australian National University; NCETA, Flinders University
Funded by: AGDH
Research Activities

NEEDS OF ABORIGINAL AUSTRALIANS

Working with Aboriginal Australians to prevent and reduce alcohol and illicit drug harm

This research contributes to prevention and reduction of the burden of harm caused by alcohol and other drugs (AOD) among Aboriginal Australians. Research focuses on the inter-related topics of changing patterns of AOD use, factors related to harmful use, more efficient and effective provision of services, and improved policy responses. Research is based on well-established partnerships with Aboriginal community controlled health organisations, with Aboriginal community stakeholders and organisations actively involved in all aspects of research from planning through to translation into policy and strategies.

Ongoing Projects

A Centre for Research Excellence: Building Indigenous research capacity to find solutions to alcohol problems
NDRI staff: Anna Stearne
Project leaders: University of Sydney
Project partners: Aboriginal Drug and Alcohol Council (SA); University of NSW; Inala Indigenous Health Service; Royal Prince Alfred Hospital, Sydney; University of Wollongong; University of Queensland; NSW Health
Funded by: NHMRC

Aboriginal and non-Aboriginal women perpetrators of violence: A trial of a prison-based intervention (Beyond Violence)
NDRI staff: Mandy Wilson
Project leaders: Kirby Institute, UNSW
Project partners: Michigan State University; University of Newcastle; University of Sydney
Funded by: NHMRC

Australian Indigenous Alcohol and other Drugs Knowledge Centre
NDRI staff: Julia Butt
Project leaders: Australian Indigenous HealthInfoNet, ECU
Project partners: NDARC, UNSW; NCETA, Flinders University
Funded by: AGDH

Better methods to collect self-report data on alcohol use from Aboriginal and Torres Strait Islander Australians
NDRI staff: Tanya Chikritzhs
Project leaders: University of Sydney
Project partners: Turning Point; University of Queensland; Aboriginal Health Council South Australia; National Centre for Epidemiology & Population Health, ANU; NDARC, UNSW; Aboriginal Health & Medical Research Council (NSW)
Funded by: NHMRC

Cannabis and tobacco use among Aboriginal Western Australians - understanding patterns and pathways of use and identifying opportunities and barriers for prevention and health promotion
NDRI staff: Julia Butt
Funded by: Healthway Health Promotion Research Fellowship

Fighting, alcohol and offending: Interventions targeting Aboriginal girls
NDRI staff: Mandy Wilson, Julia Butt
Project partners: Aboriginal Alcohol and Drug Service
Funded by: Healthway

Increasing uptake of evidence-based management of unhealthy alcohol use in Aboriginal primary health care services
NDRI staff: Dennis Gray
Project leaders: University of Sydney
Project partners: Royal Prince Alfred Hospital; Inala Indigenous Health Service; University of Wollongong; Aboriginal Drug and Alcohol Council, SA; Aboriginal Health Council, SA; UNSW
Funded by: NHMRC

Looking forward - moving forward project: Transforming systems to improve mental health and drug and alcohol outcomes for Aboriginal peoples
NDRI staff: Steve Allsop
Project leaders: Curtin University
Project partners: South Australian Health and Medical Research Institute; University of Western Australia; Mental Health Commission WA; Telethon Kids Institute, UWA; WA Department of Health
Funded by: NHMRC Partnership Grant

The sexual health and attitudes of Australian prisoners
NDRI staff: Mandy Wilson
Project leaders: Kirby Institute, UNSW
Project partners: Western Sydney University
Funded by: NHMRC

See Appendix (page 34) for list of abbreviations
Research Activities

NEEDS OF ABORIGINAL AUSTRALIANS (continued)

Completed Projects

Evaluation of Makin’ Tracks Project 2016-2019
NDRI staff: Monica Cass
Project partners: Aboriginal Drug and Alcohol Council (SA)
Funded by: ADAC (SA)

Evaluation of the establishment of the Footsteps - Road to Recovery (Footsteps) program
NDRI staff: Monica Cass
Project partners: Aboriginal Drug and Alcohol Council (SA)
Funded by: ADAC (SA)

Review of the use of kava among Aboriginal and Torres Strait Islander people for the Australian Indigenous HealthInfoNet
NDRI staff: Julia Butt
Funded by: AGDH via ECU
Research Activities

INNOVATION IN PREVENTION AND EARLY INTERVENTION

Innovative and effective ways to delay or prevent alcohol and other drug use and harm

This research aims to prevent early and problematic use of alcohol and other drugs (AOD) and adverse consequences, particularly during childhood and adolescence. It includes a focus on early intervention programs for high risk children, families and communities and incorporates research and evaluations of the social determinants of AOD use and the impact of AOD use during pregnancy. The research builds on international work exploring social and economic benefits of prevention and early intervention, particularly among marginalised populations, on more equitable health outcomes, reduced hazardous and harmful drug use, safer children and more cohesive communities.

New Projects

Fathers and sleep. A formative intervention research project
NDRI staff: Nyanda McBride
Project partners: Central Queensland University; University of Newcastle; Curtin University; Cairnmillar Institute; Tresillian Family Care Centre; Darling Downs Health; Ngala; Sydney Local Health District
Funded by: NDRI

Ongoing Projects

Australian parental supply of alcohol longitudinal study (APSALS)
NDRI staff: Nyanda McBride
Project leaders: NDARC, UNSW
Project partners: University of Newcastle; University of Tasmania
Funded by: Australian Rotary Health

Breaking the intergenerational cycle of mental disorder: A longitudinal study of the social determinants of childhood psychosocial adjustment problems
NDRI staff: Steve Allsop
Project leaders: Deakin University
Project partners: UNSW; University of Sydney; University of Queensland
Funded by: Australian Rotary Health

Healthy, wealthy and wise: The long-term effectiveness of an online universal program to prevent substance use and mental health problems among Australian youth
NDRI staff: Nyanda McBride, Steve Allsop
Project leaders: NDARC, UNSW
Project partners: Queensland University of Technology; Deakin University
Funded by: NHMRC

International dissemination of the School Health and Alcohol Harm Reduction Project (SHAHRP)
NDRI staff: Nyanda McBride
Funded by: NDRI

Paternal contribution to alcohol exposed pregnancies and fetal and infant health
NDRI staff: Nyanda McBride
Funded by: NDRI

Positive Choices drug and alcohol information online portal
NDRI staff: Steve Allsop, Nyanda McBride
Project leaders: NDARC, UNSW
Funded by: AGDH

School based program for alcohol misuse prevention: A study about the school context and an adapted version of SHAHRP to the Brazilian reality
NDRI staff: Nyanda McBride
Project leaders: Universidade Federal de São Paulo, Brazil
Funded by: National Council for Scientific and Technological Development, Brazil

See Appendix (page 34) for list of abbreviations
**Research Activities**

**INNOVATION IN PREVENTION AND EARLY INTERVENTION (continued)**

The Healthy Lifestyles program: An innovative implementation model for online interventions to prevent common and emerging risk factors for chronic disease in young Australians
NDRI staff: Steve Allsop, Nyanda McBride
Project leaders: NDARC, UNSW
Project partners: University of Newcastle; University of Queensland; Northwestern University; University of Newcastle; Queensland University of Technology
Funded by: Paul Ramsay Foundation

The RADAR project: Identifying early warning signals on the pathways to alcohol use disorder
NDRI staff: Nyanda McBride
Project leaders: NDARC, UNSW
Project partners: University of Newcastle; Washington University; University of Melbourne; University of Queensland; University of Tasmania
Funded by: NHMRC

**Completed Projects**

Can parents teach their children to drink responsibly? Or, is one drop a drop too many?
NDRI staff: Nyanda McBride
Project leaders: NDARC, UNSW
Project partners: QADREC, University of Queensland; Centre for Clinical Epidemiology and Biostatistics, University of Newcastle; University of Tasmania
Funded by: ARC

Internet-based universal prevention for anxiety, depression and substance use in young Australians (Climate Schools Combined (CSC) Study)
NDRI staff: Steve Allsop, Nyanda McBride, Nina Te Pas
Project leaders: NDARC, UNSW
Project partners: Clinical Research Unit for Anxiety and Depression, UNSW; CYSAR, QUT
Funded by: NHMRC
Research Activities

SOCIAL CONTEXTS OF ALCOHOL AND OTHER DRUG USE

Understanding where and when use happens and how we talk about it to prevent use and reduce barriers to treatment

This research concentrates on the impact of various social contexts on alcohol and other drug (AOD) use, and associated consequences. It includes ethnographic research; other qualitative, quantitative, and mixed method studies of drug use; and research on how contextualised understandings of addiction and associated terminology affect how AOD policy is made and implemented. This research provides important insights on the relevance of social contexts to policy and practice locally, nationally and internationally, to increase the effectiveness of AOD policy, prevent use and harm, and reduce barriers to treatment.

Ongoing Projects

Analysing gender in research and policy on alcohol-related violence among young people
NDRI staff: David Moore, Duane Duncan
Project partners: Centre for Addiction and Mental Health; Australian National University; Stockholm University
Funded by: ARC Discovery

Livesofsubstance.org - New alcohol consumption and dependence module - SWSLHD focus
NDRI staff: Suzanne Fraser, Renae Fomiatti
Funded by: SWSLHD DHS

Understanding the impediments to uptake and diffusion of take-home naloxone
NDRI staff: Suzanne Fraser, Adrian Farrugia
Project partners: La Trobe University; Burnet Institute; King’s College London
Funded by: ARC Discovery

Completed Projects

A new research program for South Western Sydney Local Health District (SWSLHD) Drug Health Services (DHS)
NDRI staff: Suzanne Fraser
Project partners: SWSLHD DHS
Funded by: SWSLHD DHS

Lived experiences of stigma and discrimination among South Western Sydney Local Health District (SWSLHD) Drug Health Services (DHS) users: A qualitative study
NDRI staff: Suzanne Fraser, Adrian Farrugia
Project partners: SWSLHD DHS
Funded by: SWSLHD DHS

Reducing the health, social and economic burden of injecting drug use in Australia
NDRI staff: David Moore
Project leaders: Burnet Institute
Project partners: Turning Point; National Centre in HIV Epidemiology and Clinical Research; NDARC; University of Queensland
Funded by: NHMRC Centre for Research Excellence

See Appendix (page 34) for list of abbreviations
New Projects

The health, social and economic implications of risk-taking in adolescence over the life-course: a data linkage study of the Raine cohort
NDRI staff: Robert Tait
Project leaders: University of Sydney
Project partners: University of Melbourne; UWA; University of Technology, Sydney
Funded by: NHMRC

Evaluation of new take-home naloxone programs in WA emergency departments and a community outreach program
NDRI staff: Simon Lenton, Seraina Agramunt
Funded by: Mental Health Commission (WA)

Ongoing Projects

Drugs on the darknet: Assessing the global health risks of a rapidly expanding market
NDRI staff: Simon Lenton
Project leader: NDARC, UNSW
Project partners: California State University; Griffith University; Macquarie University; University of Queensland; University of Montreal; University of Manchester
Funded by: NHMRC

Implementation and evaluation of take-home naloxone for opioid overdose prevention in drug and alcohol treatment and needle syringe program attendees
NDRI staff: Simon Lenton
Project partners: South Eastern Sydney Local Health District
Funded by: NSW Health Department

Online survey of small-scale domestic cannabis cultivation - Part of an international research collaboration
NDRI staff: Simon Lenton
Project partners: Global Cannabis Cultivation Research Consortium (GCCRC) (collaborators from 22 universities and research institutes in 15 countries)
Funded by: NDRI

Peer naloxone education Acacia Prison - follow up interviews
NDRI staff: Simon Lenton
Funded by: Mental Health Commission (WA)

Promoting responsible drinking practices to drinkers to reduce the risk of alcohol-related harm
NDRI staff: Tanya Chikritzhs
Project leader: Curtin School of Psychology
Project partners: Deakin University; University of Newcastle; Cancer Council Victoria
Funded by: NHMRC

Responding to the methamphetamine epidemic in Australia: Recruit and establish the SuperUnMET cohort
NDRI staff: Rebecca McKetin
Project leader: Burnet Institute
Project partners: Calvary Mater Newcastle Hospital; Deakin University; University of Newcastle
Funded by: Colonial Foundation Trust

Ongoing Projects

The use of ‘study drugs’ by WA tertiary students
NDRI staff: Simon Lenton
Funded by: NDRI
Research Activities

INNOVATION IN THE MANAGEMENT OF ALCOHOL AND OTHER DRUG PROBLEMS

New technology and other innovative ways to prevent and reduce use and harm

This research aims to improve clinical and other management of alcohol and other drug problems (AOD) by developing and trialling new and innovative treatment interventions; investigating applying new technologies to AOD related problems, such as online based brief interventions for at-risk alcohol and other drug consumers; and trialling applications and modifications of existing approaches to different AOD problems.

New Projects

Intranasal naloxone for the reversal of opioid overdose: A double-blinded, double-dummy controlled non-inferiority trial in Sydney’s Medically Supervised Injecting Centre

NDRI staff: Simon Lenton
Project leader: Burnet Institute
Project partners: Uniting Medically Supervised Injecting Centre Sydney; King’s College London; Deakin University; Cancer Council NSW
Funded by: NHMRC

Randomised double-blind placebo-controlled study of lisdexamfetamine for the treatment of methamphetamine dependence

NDRI staff: Rebecca McKetin
Project leader: St Vincent’s and Mater Health, Sydney
Project partners: University of Sydney; University of Adelaide; Hunter New England Health; University of South Australia; University of Tasmania; St Vincent’s Centre for Applied Medical Research
Funded by: NHMRC

The N-ICE trial: A randomised controlled trial of the safety and efficacy of N-acetyl cysteine (NAC) as a pharmacotherapy for methamphetamine (‘ice’) dependence

NDRI staff: Rebecca McKetin, Wenbin Liang, Nina Te Pas, Nicole Edwards
Project partners: Deakin University; Monash University; Burnet Institute; La Trobe University; University of Wollongong; Calvary Mater Newcastle Hospital; University of Newcastle; Drug and Alcohol Services, Wollongong; Drug and Alcohol Clinical Services, Barwon Health
Funded by: NHMRC

Ongoing Projects

National Centre for Clinical Research on Emerging Drugs (NCCRED)

NDRI staff: Simon Lenton, Rebecca McKetin
Project leader: NDARC, UNSW
Project partners: St Vincent’s Health Australia; NCETA, Flinders University
Funded by: AGDH

Novel interventions to address methamphetamines in Aboriginal communities, including a randomised trial of a web based therapeutic tool used to treat dependence in clinical settings

NDRI staff: Rebecca McKetin, Julia Butt
Project leaders: South Australian Health & Medical Research Institute (SAHMRI)
Project partners: Centre for Social Research in Health, UNSW; University of Sydney; Hunter New England LHD; Burnet Institute; Kirby Institute, UNSW; St Vincent’s LHN
Funded by: NHMRC

Completed Projects

Brief intervention evaluation – Hello Sunday Morning’s Daybreak online program

NDRI staff: Robert Tait
Project partners: University of Zurich
Funded by: Hello Sunday Morning

Evaluation of an optimal service for users of methamphetamine

NDRI staff: Robert Tait
Funded by: Holyoake

See Appendix (page 34) for list of abbreviations
New PhD Projects

Inclusion of self-determination by First Nations Australian communities in alcohol related policy development in the Northern Territory
PhD scholar: Annalee Stearne
PhD supervisors: Steve Allsop, Anthony Shakeshaft (NDARC, UNSW) and Michael Wright (Curtin)
Funded by: Research Training Program Scholarship

Representation of commercial and health interests in alcohol policy processes in Australia
PhD scholar: Julia Stafford
PhD supervisors: Tanya Chikritzhs, Simone Pettigrew (Curtin) and Kypros Kypri (University of Newcastle)
Funded by: Research Training Program Scholarship

Ongoing PhD Projects

A mixed-methods study of drug use at outdoor music festivals in Western Australia and Victoria
PhD scholar: Jodie Grigg
PhD supervisor: Simon Lenton
Funded by: NDRI Commonwealth Scholarship

A multi-source investigation of issues arising from the implementation and evolution of a commercial, non-medical marijuana market in Colorado
PhD scholar: Todd Subritzky
PhD supervisor: Simon Lenton and Simone Pettigrew (Curtin)

Alcohol policy and regulating availability: Impacts on population-level alcohol use and related disorders and diseases in Australia
PhD scholar: William Gilmore
PhD supervisors: Tanya Chikritzhs and Wenbin Liang
Funded by: Research Training Program Scholarship

Determinants of prenatal alcohol exposure among Aboriginal women in the Pilbara: Developing a statistically validated model of prenatal alcohol consumption for evidence based intervention development
PhD scholar: David Tucker
PhD supervisors: Nyanda McBride, Martyn Symons (Telethon Kids) and Roz Walker (Telethon Kids)
Funded by: Research Training Program Scholarship

Factors in determining development of problem gambling and motivation to change of offenders
PhD scholar: Bernard (Wai Shing) Fani
PhD supervisors: Steve Allsop
Funded by: Research Training Program Scholarship

Hepatitis C and its treatment in Australian custodial settings
PhD scholar: James Fetherston
PhD supervisors: Steve Allsop, Susan Carruthers (Adjunct), Tony Butler (Adjunct) and David Wilson (Kirby Institute, UNSW)

Injecting objects, practices and settings: A study of men who inject PIEDs in Australia
PhD scholar: Gemma Nourse
PhD supervisors: David Moore and Suzanne Fraser
Funded by: Research Training Program Scholarship

Pathways in and out of prison for young men with a history of injecting drugs
PhD scholar: Shelley Walker
PhD supervisors: Simon Lenton, Mandy Wilson, Peter Higgs (Adjunct) and Mark Stoove (Burnet Institute)
Funded by: APA Curtin University Scholarship

Responses to opioid overdose: Take-home naloxone training in Victoria
PhD scholar: Nyssa Ferguson
PhD supervisors: Suzanne Fraser and Adrian Farrugia
Funded by: Research Training Program Scholarship

Research Activities
POSTGRADUATE PROGRAM

NDRI has an active postgraduate research program and welcomes enquiries from prospective Masters and PhD students who are interested in alcohol and other drug research. PhD candidates are attracted through scholarships and through collaborative supervision with other schools and universities.

Project information available at ndri.curtin.edu.au
Completed PhD Projects

How do drug treatment courts make addiction in Australia? A Victorian case study
PhD scholar: Eliana Sarmiento Guerra
PhD supervisors: Suzanne Fraser, Kiran Plenaar (Monash) and Kate Seear (Adjunct)
Funded by: Curtin University ORD Scholarship

The influence of social media alcohol marketing on young people’s alcohol use: A comparison of factors between India and Australia
PhD scholar: Himanshu Gupta
PhD supervisors: Robert Tait, Tina Lam (Adjunct) and Simone Pettigrew (Curtin)
Funded by: Curtin Health Sciences International Research Scholarship

Ongoing Masters Projects

Constituting ‘addiction’ in China’s drug policy: A case study of compulsory drug detention
Masters scholar: Judy Chang
Masters supervisors: Suzanne Fraser, Kiran Plenaar and Kate Seear (Adjunct)
Funded by: Australian Government Research Training Scheme

Kadadjiny Dwank project: Otitis media from an urban Aboriginal perspective
Masters scholar: Rosemary Walley
Masters supervisors: Steve Allsop, Michael Wright (Curtin) and Deborah Lehmann (Telethon Kids)
Funded by: Curtin University Faculty of Health Sciences Scholarship

Completed Masters Projects

How do marginalised young people who are in contact with AOD services understand their alcohol and other drug use and ‘addiction’?
Masters scholar: Elizabeth Normand
Masters supervisors: Suzanne Fraser and Robyn Dwyer (La Trobe)
Funded by: Curtin University ORD Scholarship

See Appendix (page 34) for list of abbreviations
Staff

Professors
Simon Lenton (Director)
Steve Allsop
Tanya Chikritzhs
Suzanne Fraser
David Moore

Associate Professors
Nyanda McBride
Rebecca McKetin

Senior Research Fellows
Julia Butt
Anne-Marie Laslett
Robert Tait

Research Fellows
Monica Cass
William Gilmore
Wenbin Liang
Mandy Wilson

Research Associates
Seraina Agramunt
Duane Duncan
Nicole Edwards
Adrian Farrugia
James Fetherston
Jodie Grigg
Joe Latham
Eveline Lensvelt
Aqif Mukhtar
Deborah Olow
Nina Te Pas
Annalee Stearne

Research Officers
Renae Fomiatti
Emily Lenton
Carolyn Lewis
Kerry Stack

Research Assistants
Megan Baker
Fiona McGregor
Lena Niklasson
Gemma Nourse
Courtney Stewart
Jesse Whife

Business Services
Fran Davis, Business Manager
Jo Hawkins, Administration Officer
Paul Jones, Computer Systems Officer
Rachael Lobo, Communications Officer

Patricia Niklasson, Administration Officer
Vic Rechichi, Communications Officer

PhD Scholars
Bernard (Wai Shing) Fani
Nyssa Ferguson
James Fetherston
William Gilmore
Jodie Grigg
Himanshu Gupta
Gemma Nourse
Eliana Sarmiento Guerra
Julia Stafford
Annalee Stearne
Todd Subritzky
David Tucker
Shelley Walker

Masters Scholars
Judy Chang
Elizabeth Normand
Rosemary Whalley

Adjunct Appointments
David Hawks, Emeritus Professor
Tony Butler, Professor
Sir Ian Gilmore, Professor
Kate Graham, Professor
Dennis Gray, Professor
Nicole Lee, Professor
Richard Midford, Professor
Peter Miller, Professor
David Moore, Professor
Moira Plant, Professor
Sherry Saggers, Professor
Tim Stockwell, Professor
John Boffa, Associate Professor
Diana Egerton-Warburton, Associate Professor
Rebecca McKetin, Associate Professor
Neil Donnelly, Senior Research Fellow
Anne-Marie Laslett, Senior Research Fellow
Celia Wilkinson, Senior Research Fellow
Monica Barratt, Research Fellow
Stephen Bright, Research Fellow
Susan Carruthers, Research Fellow
Michael Christmass, Research Fellow
Robyn Dwyer, Research Fellow
Adrian Farrugia, Research Fellow
Peter Higgs, Research Fellow
Tina Lam, Research Fellow
Ashleigh Lin, Research Fellow
Lynn Roarty, Research Fellow
Kate Seear, Research Fellow
Jesse Young, Research Associate
The National Drug Research Institute (NDRI) widely disseminates its research findings to increase awareness of drug related harm and effective prevention strategies, and to inform community debate and public health policy and practice. Research is disseminated through various means, including publications, presentations and the media, to policy makers, practitioners, public health professionals, other researchers, interest groups and the community. Further information can be found on NDRI’s website at ndri.curtin.edu.au.

Publications
Research findings are published in refereed journals, reports and monographs, which are widely circulated throughout Australia and internationally. The publication of NDRI’s research findings has played a significant role in research translating into policy and practice.

Presentations
Research findings are presented locally through the NDRI seminar series, and nationally and internationally through presentations at conferences, symposia, workshops, seminars and forums. NDRI also directly influences policy through frequent presentations and submissions to national and state policy bodies.

Newsletter
Drug and Alcohol Research Connections - or Connections - is an online newsletter published jointly by NDRI and its sister organisations, the National Drug and Alcohol Research Centre (NDARC) and the National Centre for Education and Training on Addiction (NCETA). Connections covers the latest on research and publications, news and events from the three centres, with a focus on the translation of research into policy and practice. Connections is online at www.connections.edu.au.

Website
Further information about NDRI’s research is available through our website at ndri.curtin.edu.au.

Media
Traditional, online and social media are important conduits for our research to reach the community and inform policy. NDRI has built a reputation as a reliable source of scientific information and expertise on a range of issues concerned with the prevention of alcohol- and drug-related harm.

NDRI received 1,780 mentions in the media during 2019, with the provision of expert comment and evidence based research further enhancing NDRI’s efforts to disseminate its research findings widely and to inform and participate in alcohol and other drug policy development in Australia.

NDRI research and expert commentary appeared in local, national and international electronic and print media, including news and opinion websites, on a diverse range of subjects relating to alcohol and other drug use, reflecting the variety of expertise at the Institute. In addition, NDRI used its social media channels to disseminate research findings and media items to more than 2260 Twitter or Facebook followers.

NDRI authors contributed 13 articles to The Conversation.

Topics that generated the most media interest included: alcohol licensing and consumption; using technology to reduce drinking (Daybreak app); pill testing debate; drug use at music festivals; take-home naloxone pilot; drug treatment and rehabilitation; effects of illicit drugs, including ecstasy and methamphetamine; and changes to cannabis laws (Australian Capital Territory cannabis law changes).


Reilly, R., McKetin, R., Wand, H., Butt, J.C., Smout, M., Ezard, N., Conigrave, K., Clark, Y., Quinn, B., Treloar, C., Gray, D., Dunlop, A., Roe, Y. and Ward, J. (2019). A web-based therapeutic program (We Can Do This) for reducing methamphetamine use and increasing help-seeking among Aboriginal and Torres Strait Islander People: Protocol for a randomized wait-list controlled trial. JMIR Research Protocols, 8, (7). DOI: http://dx.doi.org/10.2196/14084


Dissemination Activities

PUBLICATIONS (continued)


Dissemination Activities

Reports and Bulletins


Books


Submissions


Conference Presentations


Farrugia, A.C., Fraser, S., Dietze, P., Dwyer, R., Ferguson, N.C. and Neale, J. (2019) Understanding the impediments to uptake
Symposium Presentations


Seminar and Forum Presentations


Dissemination Activities

PRESENTATIONS (continued)


Meeting Presentations


Lenton, S. (2019) Verbal submission to Qld MHC Consultation: Improving physical health for people with a lived experience of mental illness or problematic alcohol and other drug use. Invited presentation at the Qld MHC Consultation: Improving physical health for people with a lived experience of mental illness or problematic alcohol and other drug use, 10th May 2019.

Workshop Presentations


Dissemination Activities
NDRI SEMINAR SERIES

The National Drug Research Institute hosts regular events as part of its Seminar Series. These seminars serve several purposes. They provide NDRI staff with an avenue to disseminate research findings; they help build the presentation skills of early career researchers; and they provide a forum for NDRI staff and others in the alcohol and drug field to hear from visiting researchers.

2 February 2019
Drug trends in WA – Findings from the 2018 Ecstasy and Related Drugs Reporting System (EDRS)
NDRI Seminar Room, NDRI, Perth
Ms Jodie Grigg, NDRI Research Associate

2 February 2019
Drug trends in WA – Findings from the 2018 Illicit Drug Reporting System (IDRS)
NDRI Seminar Room, NDRI, Perth
Mr James Fetherston, NDRI Research Associate

9 April 2019
Harms to children from others’ drinking: recent findings and their policy impacts
NDRI Seminar Room, NDRI, Perth
Dr Anne-Marie Laslett, NDRI Adjunct Senior Research Fellow

10 May 2019
Practical advice for smoking cessation in drug and alcohol service settings
NDRI Seminar Room, NDRI, Perth
Associate Professor Renee Bittoun, University of Notre Dame Australia

28 November 2019
Alcohol and the health and human rights of women and children
NDRI Seminar Room, NDRI, Perth
Dr Anne-Marie Laslett, NDRI Adjunct Senior Research Fellow

11 December 2019
If alcohol in moderation likely has no health benefits, is it time to modify national low-risk drinking guidelines?
NDRI Seminar Room, NDRI, Perth
Dr Tim Stockwell, NDRI Adjunct Professor and Director, Canadian Institute for Substance Use Research
### Summary of NDRI Research Grants and Funding Received in 2019

<table>
<thead>
<tr>
<th>Area of funding</th>
<th>Total grant received 2019 $</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGDH Alcohol and Other Drug Research - Core Grant 2019</td>
<td>3,080,000</td>
</tr>
<tr>
<td>Curtin Support and Infrastructure</td>
<td>561,357</td>
</tr>
<tr>
<td>External Infrastructure</td>
<td>89,154</td>
</tr>
<tr>
<td>Fellowships and Strategic Grants (External and Curtin)</td>
<td>262,002</td>
</tr>
<tr>
<td>External Project Grants</td>
<td>1,834,810</td>
</tr>
<tr>
<td>Other</td>
<td>55,405</td>
</tr>
<tr>
<td><strong>Total funding received in 2019</strong></td>
<td><strong>5,882,728</strong></td>
</tr>
</tbody>
</table>

### NDRI Funding 2019

<table>
<thead>
<tr>
<th>Funding source</th>
<th>Total grant awarded 2019 $</th>
<th>Grant received 2019 $</th>
<th>Expenditure 2019 $</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol and Other Drug Research - Core Grant 2019</td>
<td>AGDH 3,080,000</td>
<td>3,080,000</td>
<td>2,290,946</td>
</tr>
<tr>
<td>University Support and Infrastructure</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operational Research Support (ORS) 2019</td>
<td>Curtin 44,809</td>
<td>44,809</td>
<td>0</td>
</tr>
<tr>
<td>Institutes Support</td>
<td>Curtin 200,000</td>
<td>200,000</td>
<td>200,000</td>
</tr>
<tr>
<td>Strategic and Support Grants</td>
<td>Curtin 645,447</td>
<td>316,548</td>
<td>366,584</td>
</tr>
<tr>
<td>Infrastructure Support</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medical &amp; Health Research Infrastructure Funds</td>
<td>WAHD 89,154</td>
<td>89,154</td>
<td>89,154</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>4,059,410</strong></td>
<td><strong>3,730,511</strong></td>
<td><strong>2,946,684</strong></td>
</tr>
</tbody>
</table>

### Fellowships and Strategic Grants 2019

<table>
<thead>
<tr>
<th>Funding source</th>
<th>Total grant awarded all years $</th>
<th>Grant received 2019 $</th>
<th>Expenditure 2019 $</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cannabis and tobacco use by Aboriginal West Australians</td>
<td>Healthway 169,243</td>
<td>61,373</td>
<td>107,022</td>
</tr>
<tr>
<td>Development of interventions for meth use - SRF</td>
<td>Curtin 608,701</td>
<td>173,395</td>
<td>109,930</td>
</tr>
<tr>
<td>Harm to children from others’ drinking - ECR</td>
<td>NHMRC 330,513</td>
<td>27,234</td>
<td>108,726</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1,108,457</strong></td>
<td><strong>262,002</strong></td>
<td><strong>325,678</strong></td>
</tr>
</tbody>
</table>

### Other Income 2019

<table>
<thead>
<tr>
<th>Funding source</th>
<th>Total grant awarded 2019 $</th>
<th>Grant received 2019 $</th>
<th>Expenditure 2019 $</th>
</tr>
</thead>
<tbody>
<tr>
<td>NDRI external and consultancy research, conference fees</td>
<td>55,307</td>
<td>55,307</td>
<td>74,282</td>
</tr>
<tr>
<td>Resource materials</td>
<td>98</td>
<td>98</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>55,405</strong></td>
<td><strong>55,405</strong></td>
<td><strong>74,290</strong></td>
</tr>
<tr>
<td>Project</td>
<td>Funding source</td>
<td>Total grant awarded all years $</td>
<td>Grant received 2019 $</td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>-----------------------------------------</td>
<td>--------------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>A new research program for SWSLHD Drug Health Services</td>
<td>SWSLHD</td>
<td>33,330</td>
<td>0</td>
</tr>
<tr>
<td>Aboriginal and non-Aboriginal women perpetrators of violence: Beyond</td>
<td>NHMRC via UNSW</td>
<td>705,913</td>
<td>186,164</td>
</tr>
<tr>
<td>Violence</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alcohol brief intervention</td>
<td>WAPHA</td>
<td>50,000</td>
<td>0</td>
</tr>
<tr>
<td>Analysing gender in research and policy on alcohol-related violence</td>
<td>ARC</td>
<td>530,209</td>
<td>198,724</td>
</tr>
<tr>
<td>AOD Knowledge Centre</td>
<td>AGDH via ECU</td>
<td>30,000</td>
<td>10,000</td>
</tr>
<tr>
<td>Assertive youth outreach in SWSLHD</td>
<td>SWSLHD</td>
<td>49,566</td>
<td>0</td>
</tr>
<tr>
<td>Brief intervention evaluation - Daybreak</td>
<td>HSM</td>
<td>49,165</td>
<td>20,485</td>
</tr>
<tr>
<td>Centre for Research Excellence: Building Indigenous research capacity</td>
<td>NHMRC via USYD</td>
<td>408,761</td>
<td>136,254</td>
</tr>
<tr>
<td>to find solutions to alcohol problems</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Centre for Research Excellence: Healing through forgiveness training</td>
<td>NHMRC via USYD</td>
<td>80,000</td>
<td>20,000</td>
</tr>
<tr>
<td>Drug Trends (formerly IDRS and EDRS)</td>
<td>AGDH via UNSW</td>
<td>340,000</td>
<td>120,000</td>
</tr>
<tr>
<td>Economic and social costs of tobacco use</td>
<td>AGDH</td>
<td>450,000</td>
<td>0</td>
</tr>
<tr>
<td>Evaluation of Footsteps - Road to recovery</td>
<td>ADAC</td>
<td>45,000</td>
<td>0</td>
</tr>
<tr>
<td>Evaluation of optimal service for users of methamphetamine</td>
<td>Healthway</td>
<td>45,496</td>
<td>6,322</td>
</tr>
<tr>
<td>Fighting, alcohol and offending: Interventions targeting Aboriginal</td>
<td>NHMRC via USYD</td>
<td>381,665</td>
<td>0</td>
</tr>
<tr>
<td>girls</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health, social and economic implications of risk taking in adolescence</td>
<td>NHMRC via USYD</td>
<td>98,832</td>
<td>34,766</td>
</tr>
<tr>
<td>over life course: Data linkage study of the Raine cohort</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Healthy, wealthy and wise: Effectiveness of online universal program</td>
<td>NHMRC via UNSW</td>
<td>137,756</td>
<td>34,439</td>
</tr>
<tr>
<td>to prevent substance use and mental health problems among youth</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Healthy lifestyles: Innovative implementation model for online</td>
<td>Paul Ramsay Foundation via UNSW</td>
<td>669,026</td>
<td>150,956</td>
</tr>
<tr>
<td>interventions to prevent risk factors for chronic disease</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lived experiences of stigma and discrimination among SWSLHD DHS</td>
<td>SWSLHD</td>
<td>50,000</td>
<td>0</td>
</tr>
<tr>
<td>service users</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Livesofsubstance.org - New alcohol consumption and dependence module</td>
<td>SWSLHD</td>
<td>49,781</td>
<td>0</td>
</tr>
<tr>
<td>SWSLHD focus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Makin’ Tracks evaluation</td>
<td>ADAC</td>
<td>21,500</td>
<td>0</td>
</tr>
<tr>
<td>Online survey of small-scale domestic cannabis - The Global Cannabis</td>
<td>Universidad Catolica del Uruguay</td>
<td>2,995</td>
<td>2,995</td>
</tr>
<tr>
<td>Cultivation Research Consortium (GCCRC)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Peer naloxone education - Emergency Departments and St Patrick’s</td>
<td>MHC</td>
<td>120,000</td>
<td>0</td>
</tr>
<tr>
<td>Crossroads program follow-up interviews</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quantifying social and economic costs of cannabis and opioid use</td>
<td>AGDH</td>
<td>900,000</td>
<td>225,000</td>
</tr>
<tr>
<td>The N-ICE Trial: RCT of the safety and efficacy of NAC as a</td>
<td>NHMRC</td>
<td>1,551,368</td>
<td>275,805</td>
</tr>
<tr>
<td>pharmacotherapy for methamphetamine dependence</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Understanding the impediments to uptake and diffusion of THN</td>
<td>ARC</td>
<td>502,000</td>
<td>230,334</td>
</tr>
<tr>
<td>Understanding performance and image enhancing drug injection</td>
<td>ARC</td>
<td>472,500</td>
<td>182,567</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>7,774,864</strong></td>
<td><strong>1,834,810</strong></td>
</tr>
</tbody>
</table>

See Appendix (page 34) for list of abbreviations
### LIST OF ABBREVIATIONS

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Full Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADAC (SA)</td>
<td>Aboriginal Drug and Alcohol Council (South Australia)</td>
</tr>
<tr>
<td>AGDH</td>
<td>Australian Government Department of Health</td>
</tr>
<tr>
<td>APSAD</td>
<td>Australasian Professional Society on Alcohol &amp; Other Drugs</td>
</tr>
<tr>
<td>ANU</td>
<td>Australian National University</td>
</tr>
<tr>
<td>ARC</td>
<td>Australian Research Council</td>
</tr>
<tr>
<td>CAPR</td>
<td>Centre for Alcohol Policy Research, La Trobe University</td>
</tr>
<tr>
<td>CISUR</td>
<td>Canadian Institute for Substance Use Research, University of Victoria, Canada</td>
</tr>
<tr>
<td>CYSAR</td>
<td>Centre for Youth Substance Abuse Research, University of Queensland</td>
</tr>
<tr>
<td>ECU</td>
<td>Edith Cowan University</td>
</tr>
<tr>
<td>FARE</td>
<td>Foundation for Alcohol Research and Education</td>
</tr>
<tr>
<td>Healthway</td>
<td>Western Australian Health Promotion Foundation</td>
</tr>
<tr>
<td>HSM</td>
<td>Hello Sunday Morning</td>
</tr>
<tr>
<td>MHC</td>
<td>Mental Health Commission (Western Australia)</td>
</tr>
<tr>
<td>NCETA</td>
<td>National Centre for Education and Training on Addiction, Flinders University</td>
</tr>
<tr>
<td>NDARC</td>
<td>National Drug and Alcohol Research Centre, University of New South Wales</td>
</tr>
<tr>
<td>NDRI</td>
<td>National Drug Research Institute</td>
</tr>
<tr>
<td>NHMRC</td>
<td>National Health and Medical Research Council</td>
</tr>
<tr>
<td>SHAHRP</td>
<td>School Health and Alcohol Harm Reduction Project</td>
</tr>
<tr>
<td>SWSLHD</td>
<td>South West Sydney Local Health District</td>
</tr>
<tr>
<td>UNSW</td>
<td>University of New South Wales</td>
</tr>
<tr>
<td>USYD</td>
<td>University of Sydney</td>
</tr>
<tr>
<td>UWA</td>
<td>University of Western Australia</td>
</tr>
<tr>
<td>WAHD</td>
<td>Western Australian Health Department</td>
</tr>
<tr>
<td>WANADA</td>
<td>Western Australian Network of Alcohol and Drug Agencies</td>
</tr>
<tr>
<td>WAPHA</td>
<td>Western Australian Primary Health Association</td>
</tr>
<tr>
<td>WHO</td>
<td>World Health Organization</td>
</tr>
</tbody>
</table>