Preventing harmful drug use in Australia
Tier 1 Research Centre
WHO Collaborating Centre for the Prevention of Alcohol and Drug Abuse
Funded by the National Drug Strategy

www.ndri.curtin.edu.au

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The National Drug Research Institute (NDRI) is based within the Division of Health Sciences at Curtin University of Technology in Perth, Western Australia. NDRI was established in 1986 as one of two centres of excellence in drug research by the National Campaign Against Drug Abuse, now known as the National Drug Strategy.

NDRI conducts research that contributes to the formation of effective policy and practice in Australia in relation to the prevention and reduction of harmful alcohol and other drug use and its consequences. The Institute’s research is complemented by the work of its sister organisations: the National Drug and Alcohol Research Centre (NDARC) in Sydney, which focuses primarily on treatment research; and the National Centre for Education and Training on Addiction (NCETA) in Adelaide, which is concerned with workforce development in the drug and alcohol field.

NDRI receives core funding from the Australian Government Department of Health and Ageing, as part of the National Drug Strategy, with additional research funds obtained from a variety of national and international funding bodies. The Institute also receives support from Curtin University of Technology.
Director’s Report

Entering our third decade of operation has presented the National Drug Research Institute with new opportunities to contribute to the prevention and minimisation of alcohol and other drug related harm. We have been engaged in a formal external review, enjoyed the fifteenth anniversary of our Indigenous Australian Research Program, established offices outside of Perth, expanded our expertise, and farewelled some close colleagues.

As part of the funding agreement with the Australian Government Department of Health and Ageing, NDRI underwent a formal review in 2007. While putting the Institute under the microscope, the review was an opportunity to demonstrate the quality and impact of the Institute’s outputs in the context of the aims of the National Drug Strategy. It was a positive experience, allowing us to identify how we can build on our strengths and respond to new challenges.

NDRI has always been mindful of its role as a national centre and the importance of enhancing responses to alcohol and other drug problems through collaborative effort. As demonstrated in this annual report, we have continued to work with diverse stakeholders to build capacity, conduct research and facilitate the translation of research into practice. Collaborators have included other academic institutions, Indigenous community-controlled organisations, local government, law enforcement, and government and non-government drug specialist services across the nation and overseas.

This year our collaborative efforts have been enhanced by the establishment of NDRI’s Melbourne office. Located with Turning Point Alcohol and Drug Centre, the office houses Associate Professor David Moore and four PhD students, with a strong focus on the Institute’s Ethnographic Research Program. It is anticipated that successful research bids in 2007 will see staff numbers and research outputs grow. We are particularly grateful to Curtin University of Technology for providing a significant proportion of the infrastructure support for this venture.

The Institute’s Indigenous Australian Research Team celebrated its fifteenth year of operation in 2007 with substantial growth in operations and output. The Department of Health and Ageing supported the appointment of Associate Professor Ted Wilkes, who brings critical Indigenous expertise into the Institute, enhancing our Indigenous capacity building activities. Significant funding from the Department also allowed the Institute to support five programs that aim to build the capacity of organisations to respond to the needs of Indigenous people affected by alcohol use. The first Indigenous National Alcohol Indicators Project bulletin was also launched this year, quantifying the huge impact that alcohol has on Indigenous health and wellbeing. This, and a subsequent report on Alcohol Restrictions, received substantial media coverage and informed various strategies that have recently been adopted to reduce alcohol related harm among Indigenous Australians.

The Institute hosted its second Kettil Bruun Society Symposium in 2004. This year, Associate Professor Richard Midford was responsible for publication of the proceedings of the Symposium, in a special issue of Substance Use and Misuse. The influential international papers focus on the important issue of community action research, a critical approach if we wish to see broad adoption of effective drug prevention efforts.

This year also provided the opportunity to continue a longstanding relationship with the Australian Institute of Criminology. NDRI staff worked closely with the AIC, particularly Dr Toni Makkai and Dr Jan Baker, to develop the Draft Amphetamine-Type Stimulant Strategy. The process involved broad consultation with community groups, law enforcement and health staff across Australia and review with three key expert groups. The Strategy will be considered for adoption in 2008.

We were also fortunate to recruit Associate Professor Tony Butler. The criminal justice system is high risk for alcohol and other drug related harm but the area is relatively neglected in research and service provision. Tony’s appointment allows us to build our contribution to preventing and minimising drug related harm among people enmeshed in the criminal justice system.

In 2007 we bid a fond farewell to Associate Professor Wendy Loxley, who has made significant contributions to the drug field in general and the Institute in particular. Fittingly, Wendy was recognised with inclusion on the Honour Roll in the 2007 National Drug and Alcohol Awards. Some of the character of the Institute goes with Wendy. Fortunately, we will continue to have access to her wisdom through her role as an adjunct staff member.

We also owe an enormous debt of gratitude to a number of departing Board members, particularly Pam McKenna. In retiring from her role as Chief Executive Officer of Palmerston Association Inc, Pam has also elected to retire from our Board, on which she has served since 1995, and we thank her for her support.

Finally, I must say it is a great pleasure to work as Director of the National Drug Research Institute. We enjoy quality support from Department of Health and Ageing staff and Curtin University of Technology. But most of all, we have excellent academic colleagues, a fine business services team and a collegiate environment. What else could I ask for?

Professor Steve Allsop
Director
**Highlights**

During 2007, NDRI researchers were involved in around 100 projects, many of which are expected to result in a direct influence on policy, practice and the community. Much of NDRI’s research is conducted in partnership and collaboration with other organisations, and the past year was important for building new, and maintaining existing, relationships.

**2007 achievements include the following:**

- NDRI successfully underwent its five-yearly external review on behalf of the Commonwealth Department of Health and Ageing, along with its sister organisations NDARC and NCETA.
- NDRI’s Indigenous research program celebrated its 15 year milestone and was boosted by increases in resources and staffing (see page opposite).
- The Institute established an office in Melbourne, which houses Associate Professor David Moore, who heads NDRI’s Ethnographic Research Program, and four NDRI PhD students (see page 19).
- The Institute made several senior appointments including Associate Professor Ted Wilkes, who brings significant expertise to the Indigenous Australian research area, and Associate Professor Tony Butler, who has expanded NDRI’s drug and alcohol research expertise into the prisons and corrections area.
- Associate Professor Wendy Loxley was inducted into the prestigious Honour Roll at the 2007 National Drug and Alcohol Awards held in Sydney.
- In partnership with the Australian Institute of Criminology, NDRI developed a draft national amphetamine-type stimulant (ATS) strategy that aims to substantially inform Australia’s prevention, law enforcement and treatment response to ATS (see page 14).
- International interest in the school health and alcohol harm reduction project (SHAHRP) continued to increase (see page 16).
- Ethnographic researchers completed a project for the Victorian Premier’s Drug Prevention Council exploring the social and cultural contexts of ecstasy and related drug use use in Victoria (see page 20).
- NDRI was part of the consortium, with NDARC as the lead agency, that was awarded the bid for the National Cannabis Prevention and Information Centre (NCPIC). NDRI will be one of the key collaborating partners.

**Honour for NDRI researcher**

NDRI researcher Associate Professor Wendy Loxley was inducted into the prestigious Honour Roll at the 2007 National Drug and Alcohol Awards held in Sydney. Professor Loxley was recognised as a highly regarded researcher and advocate of harm reduction, who has also been a mentor to a number of junior staff at NDRI. Her work over the past 20 years on developing and promoting the evidence on drug prevention has been credited with helping shape service provision in Australia and overseas. In the late 1980s, when HIV/AIDS initially appeared among injecting drug users in Australia, Professor Loxley was involved in the first national prevalence study and did her PhD thesis on the behaviour of young drug users in relation to exposure to HIV. “One of the biggest challenges in the field of alcohol and other drug use is taking out the emotion, the moralising and the politics, and replacing them with scientific evidence,” said Professor Loxley. “We have to focus on prevention, not just of the drug use itself which is immensely hard, but of the harm that alcohol and other drugs can do like death, serious injury and blood borne infections like hepatitis C.”
Indigenous research at NDRI - 15 years on

In 2007, NDRI's Indigenous research program celebrated its 15 year milestone. Established in 1992 by Professor Dennis Gray, who still heads the program, it was determined from the outset that all Indigenous research at the centre should be based on the following principles:

- Indigenous people should make the decisions about what research is to be conducted in their communities;
- research should be practically oriented;
- Indigenous people should be involved at all stages of the research process;
- the research process should include training of Indigenous people; and,
- research should be directed towards providing Indigenous people with information that empowers them in their quest for self-determination and the provision of appropriate services.

Over the past 15 years, the Indigenous research team has conducted more than 30 research projects in collaboration with approximately the same number of Indigenous community-controlled organisations in Western Australia, South Australia, the Northern Territory and Queensland. While a number of people have worked in the program over the years, at any one time the total number of staff members has been small. Given this, a key element in the team's output and success has been effective collaborative partnerships with other researchers from both outside and within NDRI.

Projects have included: local level needs assessments and evaluations of intervention strategies; local and regional studies of the prevalence of substance use and associated factors; and reviews of the literature on various aspects of Indigenous substance misuse. An important theme running through this work has been a concern with the political and economic factors underlying Indigenous ill-health and substance misuse – the structural determinants. Among the most important projects have been:

- a comparative study of alcohol use among Indigenous peoples in Australia, New Zealand and Canada;
- an evaluation of the Tennant Creek liquor licensing restrictions;
- mapping the distribution of, and allocation of resources to, Indigenous substance misuse interventions;
- a review of Indigenous substance misuse and primary health care;
- the identification of elements of ‘best practice’ in Indigenous substance misuse interventions; and
- a study of the policing implications of volatile substance misuse.

Capacity building has been an integral part of the Indigenous research program. As well as higher degree training, NDRI has created opportunities for both Indigenous and non-Indigenous staff members to undertake further study, and ‘on-the-job’ mentoring and training has also been provided.

Two of the most exciting activities centre on building the capacity of Indigenous community-controlled organisations to conduct their own research. The first of these is a project funded by AERF which provides support and training for an Indigenous research intern within Aboriginal Alcohol and Drug Service (AADS) in Perth. The objective is to enable the intern to independently undertake basic research activities such as needs assessments and program evaluations on behalf of AADS.

The second of these activities has been the provision of training and support to Tangentyere Council in Alice Springs in the establishment of its own research unit – the ‘Tangentyere Research Hub’. This support is provided under a memorandum of understanding between Tangentyere Council, NDRI, the Centre for Social Research (Edith Cowan University) and the Centre for Remote Health (Charles Darwin and Flinders Universities). The Hub is staffed by local Indigenous people who, among other projects, have conducted a study of the attitudes of Alice Springs town camp residents to liquor licensing restrictions and a study of mobility between remote communities and Alice Springs town camps.

NDRI's Indigenous research has been widely cited in key policy documents and reports, and demonstrable practical impacts at the local/regional, state/territory and national levels have been achieved. These impacts include improved service delivery, greater community control over the availability of alcohol, and increased resource allocations. In 2006, in recognition of its achievements, the program research team received both a National Alcohol and Drug Award for ‘Excellence in Research’ and a Curtin University of Technology Vice-Chancellor’s Award for Excellence.

The ability of the research team to continue to attract important, practically-oriented research projects, the expansion of its staffing base (particularly Indigenous staffing), the further development of collaborative links within and beyond NDRI, the commitment to the program within NDRI as an organisation, and the recognition it has achieved among key stakeholders all bode well for the future. On this basis, the Indigenous research program hopes to continue making a significant contribution to the improvement of Indigenous Australian health and well-being.
Board of Management

Prof Jill Downie (Acting Chair from August 2007)
Pro Vice Chancellor, Faculty of Health Sciences
Curtin University of Technology

Ms Virginia Hart
Assistant Secretary
Population Health Division - Drug Strategy Branch
Australian Government Department of Health and Ageing

Prof Steve Allsop
Director
National Drug Research Institute

Mr Mick Burnby (until December 2007)
Assistant Commissioner, South Metropolitan Region,
Western Australian Police Service

Mr Eric Dillon (from November 2007)
Acting Executive Director
Drug and Alcohol Office, Western Australia

Prof Mike Garlepp (until July 2007)
Acting Executive Dean, Division of Health Sciences
Division of Health Sciences, Curtin University of Technology

Prof Linda Kristjanson (until December 2007)
Pro Vice Chancellor, Research & Development
Curtin University of Technology

Ms Pam McKenna (until December 2007)
Chief Executive Officer
Palmerston Association Inc

Mr Terry Murphy (until August 2007)
Executive Director
Drug and Alcohol Office, Western Australia

Ms Coralie Ober
Research Fellow, Queensland Alcohol and Drug
Research and Education Centre,
University of Queensland
In 2007, NDRI worked in collaboration with a broad range of agencies and research centres locally, nationally and internationally. The Institute is a World Health Organization Collaborating Centre for the Prevention of Alcohol and Drug Abuse.

NDRI Collaborating Centres
- Aboriginal Drug and Alcohol Council of South Australia
- Australian Institute of Criminology
- Centre for Youth Drug Studies at the Australian Drug Foundation
- Drug and Alcohol Services Council of South Australia
- National Centre for Education and Training on Addiction
- National Drug and Alcohol Research Centre
- New South Wales Bureau of Crime Statistics and Research
- Turning Point Alcohol and Drug Centre

Other Project Partners
- Aboriginal Alcohol and Drug Service
- Alcohol and Drug Council of Australia
- Alcohol Education and Rehabilitation Foundation
- Australian National Council on Drugs
- Alcohol Research Group, Berkeley, USA
- Australian Drug Foundation
- Australian Intravenous League
- Beckley Foundation (UK)
- Cancer Council WA
- Centre for Addictions Research of BC, University of Victoria, Canada
- Centre for Adolescent Health, Murdoch Children’s Research Institute
- Centre for Mental Health Studies, University of Newcastle
- Centre for Remote Health, Flinders & Charles Darwin Universities
- Centre for Social Research, Edith Cowan University
- Chemistry Centre of Western Australia
- City of Kalgoorlie-Boulder
- Community Alcohol Action Network, Australian Drug Foundation
- Curtin University of Technology
- Deakin University
- Department of Corrective Services, WA
- Drug and Alcohol Office of Western Australia
- Drug and Alcohol Services Association, Alice Springs
- Faculty of Health Sciences, University of Queensland
- Julalikari Council Aboriginal Corporation
- Kimberley Community Drug Service Team

Committee/Reference Group Memberships
- Menzies School of Health Research
- Monash Institute for Health Services Research
- National Centre in Epidemiology and Population Health
- National Centre in HIV Epidemiology and Clinical Research
- National Development and Research Institutes, USA
- National Indigenous Drug and Alcohol Committee
- NSW Attorney General’s Department Drug Programs Bureau
- NSW Bureau of Crime Statistics and Research
- NSW Department of Health
- Queensland Alcohol and Drug Research and Education Centre
- St Bartholomew’s House, Perth
- Tangentyre Council, Alice Springs
- Telethon Institute for Child Health Research
- University of California, San Francisco, USA
- University of New South Wales
- Western Australian Health Department
- Western Australian Police Service
- WA Network of Alcohol and Other Drug Agencies

Australian Indigenous HealthInfoNet Reference Group
Australian National Council on Drugs
Australian Network of Academic Public Health Institutions
Child Death Review Committee, Dept of Community Development
Health Institute Consultative Committee, Division of Health Sciences, Curtin University of Technology
Health Promotion Strategic Planning Tobacco Expert Advisory Group, Health Department of WA
Indigenous Alcohol Clinical Practice Guidelines Reference Group
National Cannabis Strategy Law Enforcement Reference Group, Australian Government Department of Health and Ageing
National Indigenous Drug and Alcohol Committee
Public Health Consultative Committee, Public Health Department, ECU
Research Coordination Committee, Drug and Alcohol Office of ECU
Victorian Premier’s Drug Prevention Council panel to evaluate the Australian Drug Foundation’s Drug Info Clearinghouse
Web-based Alcohol and Tobacco Intervention Consultative Committee, School of Public Health, Curtin University of Technology
Western Australian Butane Taskforce
Western Australian Viral Hepatitis Committee
NDRI is amongst the largest centres of alcohol and other drug research expertise in Australia. Recognising that problems associated with drug use are complex, a multi-disciplinary approach to research is pursued and researchers are drawn from a range of disciplines including psychology, epidemiology, public health, sociology and anthropology.

The following pages give details of a small selection of new, ongoing and completed projects undertaken by NDRI during 2007, organised by eight key research priorities (listed below). Appendix 1 (page 35) lists all 2007 research projects, and further project information can be found on NDRI’s website at www.ndri.curtin.edu.au.

### Key Research Priorities

1. **National monitoring of alcohol and other drug consumption patterns and related harm:** Research conducted under key priority 1 aims to monitor Australians’ patterns of alcohol and other drug use and associated levels of harm over time, evaluate the impact of established harm minimisation strategies, and inform future policy changes.

2. **Partnerships in the prevention of alcohol and other drug misuse among Indigenous Australians:** The focus of key priority 2 is research and evaluation that enhances the ability of Indigenous Australian communities to address alcohol and other drug misuse. Importantly, work in this area includes efforts to build Indigenous research capacity.

3. **Prevention of the spread of blood-borne viruses and other harm among injecting drug users:** Research under key priority 3 involves investigating the social and behavioural factors associated with the transmission of hepatitis C and other blood borne viruses among injecting drug users to inform policy and the development and implementation of prevention strategies.

4. **The impact of educational, legislative and regulatory strategies to minimise alcohol and other drug-related harm:** Key priority 4 involves the collection of data on the impact of various educational, regulatory and legislative models for drugs in Australia to inform the future implementation and modification of strategies to reduce alcohol and drug-related harm.

5. **Development and evaluation of more effective school drug and education programs:** Projects under key priority 5 involve the development, evaluation and dissemination of school drug education programs that are most likely to be effective in the Australian cultural context.

6. **Development and evaluation of more effective community drug prevention programs:** The aim of key priority 6 is to undertake innovative research in partnership with local communities to stimulate and inform the development of relevant, effective programs that target population level change as a way of reducing alcohol and other drug harm.

7. **Identification of fundamental, strategic and developmental research questions in the area of primary prevention of harmful drug use:** Key priority 7 involves identifying fundamental, strategic and developmental research questions in the prevention of drug use, risk and harm across the spectrum of licit and illicit drug use.

8. **Investigation of the influence of structural determinants and the social contexts of drug use on the implementation of strategies designed to reduce and prevent harmful drug use:** Research under key priority 8 involves investigating how educational, legislative and regulatory strategies impact on structural determinants and social contexts of alcohol and other drug use to produce or reduce harm.

### Philosophy

In conducting its research, NDRI follows the philosophy of harm minimisation that has underpinned Australia’s National Drug Strategy since 1985. Harm minimisation aims to reduce harm to individuals and communities for those who continue to use drugs. There will always be a need to protect people from the harmful consequences of drug use.

As harm minimisation focuses on the harms caused by drug use, it provides a framework in which a range of strategies can be legitimately used to achieve the overall goal. Strategies can be broadly classified into three areas:

- **Supply reduction** - reducing and controlling the amount of drug available;
- **Demand reduction** - encouraging people not to use, to delay use, or to use less of a drug; and
- **Harm reduction** - helping to reduce harm arising from drug use for those who continue to use.
Research Activities
Key Priority 1
National monitoring of alcohol and other drug consumption patterns and related harm

New Projects

The range and magnitude of alcohol's harm to others
NDRI staff: Tanya Chikritzhs
Project partners: Turning Point; NDARC
Funded by: AERF

The aim of this project is to describe and measure the adverse effects of drinking in Australia on people other than the drinker. Included in the study are the effects of drinking on the health of others, on injuries and damage from assaults and from traffic crashes, on family life and functioning, and on the welfare of others. While the primary focus is on estimating the magnitude of effects in their own terms, methods for costing the effects are also being considered and explored. The project avoids duplicating existing and current analyses, and does not aim to be exhaustive. Rather, it aims to use existing and new datasets to substantially push forward understanding and measurement of the adverse effects of drinking on others.

Ongoing Projects

Alcohol outlet density and related harm
NDRI staff: Tanya Chikritzhs
Project partners: WA Health Dept; WA Police
Funded by: NDLERF

The use of policy interventions to minimise alcohol related harm by controlling alcohol outlet density is not currently considered within legislation in Western Australia (WA). This project aims to determine whether it is feasible to develop a model of alcohol outlet density that can be used to inform such interventions. Although focusing on WA, this feasibility study includes an assessment of the practicalities of developing such models in other states and territories in Australia.

Ecstasy and Related Drugs Reporting System (EDRS)
NDRI staff: Jessica George, Simon Lenton
Project partners: NDARC
Funded by: AGDHA

This study comprises the Perth arm of a research project to monitor trends in ecstasy and related drug use in major cities across Australia. The EDRS developed from the Illicit Drug Reporting System (IDRS) and together the projects act as complementary early warning systems designed to identify emerging trends in various illicit drug markets and in patterns of use. The EDRS aims to examine demographic characteristics and patterns of ecstasy and other ‘party drug’ use, perceived harms associated with use, and drug market factors such as price, potency and availability of ecstasy and other party drugs. The project is coordinated nationally by NDARC, and has been conducted annually in Western Australia since 2003.

The study involves data from three sources: face-to-face interviews with 100 regular ecstasy users; telephone interviews with 20 key informants; and analysis of name de-identified existing databases from the health and law enforcement sectors. The three sources of data are triangulated against each other in order to minimise the weaknesses inherent in each one and to ensure that only valid emerging trends are documented. This data is added to that collected in other Australian jurisdictions to monitor drug trends and inform strategies to reduce drug related harm associated with the use of ecstasy and other ‘party drugs’.

GENACIS
NDRI staff: Tanya Chikritzhs
Project partners: Turning Point; Deakin University
Funded by: NHMRC

The GENACIS study aims to develop knowledge about and measures of social problems associated with drinking, which have been less studied and are much less quantified than the health and casualty problems resulting from drinking. The research is endeavouring to gain a better understanding of patterns of alcohol consumption and of the relationship of such patterns to problematic social relations, particularly within couples and the family. These patterns are initially being studied in Australia and, through participation in an international project, will later be analysed and interpreted in the context of findings from comparable studies elsewhere.

Illicit Drug Reporting System (IDRS)
NDRI staff: James Fetherston, Simon Lenton
Project partners: NDARC
Funded by: AGDHA

This study comprises the Perth arm of a research project to monitor illicit drug use trends in major cities across Australia. The project is coordinated nationally by NDARC. The IDRS provides an integrated approach to the monitoring of data associated with illicit drug use in Australia. The information collected is intended to act as an early warning system for the availability and use of four main drug categories: heroin, amphetamines, cocaine and cannabis.

2007 was the eighth year of operation of the IDRS in Western Australia. Commencing in 1999 it initially used data collected from key experts such as drug counsellors, emergency department workers and members of the law enforcement sector combined with existing formalised data sources like phone calls to the Alcohol and Drug Information Service, police seizures and purity analysis and callouts to overdoses. The following year the project was expanded to include interviews with regular injecting drug users as a valuable sentinel population, triangulating this new information with original data. IDRS data is used by both the health and law enforcement sectors to inform policy, funding and provision of services.

See Appendix 2 (page 40) for List of abbreviations
Research Activities
Key Priority 1 (continued)

National monitoring of alcohol and other drug consumption patterns and related harm

National Alcohol Indicators Project (NAIP)
NDRI staff: Tanya Chikritzhs, Richard Pascal
Funded by: AGDHA

NAIP is a nationally co-ordinated project aimed at tracking and reporting on trends in alcohol related harm in Australia at national, state and local levels. A first for Australia, the development of a nationally coordinated source of data on alcohol consumption and related harm arose from the need for an efficient monitoring system on alcohol and increasing concern over levels of alcohol-related harm in the Australian community. One of the main objectives of the project is to produce and disseminate summary bulletins which highlight the major points from each research area. Eleven statistical bulletins have now been released, dealing with topics such as: alcohol-caused morbidity and mortality; serious alcohol-related road trauma; risky drinking patterns; per capita consumption; alcohol and violence; youth alcohol consumption; under-aged drinking; and alcohol and the elderly. Bulletin 11 on alcohol-attributable mortality for Indigenous Australians was completed and disseminated in early 2007 (see box). Progress is being made toward bulletin 12 which will provide updated economic cost estimates for alcohol-attributable mortality and morbidity for all states and territories in Australia. The project will also examine the relative impacts of apparent protective effects of alcohol against ischaemic heart disease on cost estimates. All NAIP bulletins are available on the NDRI website (www.ndri.curtin.edu.au) and hard copies can be obtained on request.

Completed Projects

Indigenous National Alcohol Indicators Project (INAIP)
NDRI staff: Tanya Chikritzhs, Richard Pascal, Dennis Gray, Anna Stearne, Sherry Saggers
Project partners: Centre for Social Research, ECU; NIDAC
Funded by: AGDHA
See box.

Alcohol: A time bomb for Indigenous Australians

The first in a series of Indigenous National Alcohol Indicators Project (INAIP) bulletins focusing on indicators of alcohol consumption and related harms among Indigenous Australians was published in early 2007. The Bulletin documents trends in alcohol attributable deaths among Indigenous Australians between 1998-2004 and reveals that an estimated 1145 Indigenous Australians died from alcohol-attributable injury and disease in the first five years of this decade. Indigenous males were more likely to die from suicide and alcoholic liver cirrhosis, while females were more likely to die from alcoholic liver cirrhosis and haemorrhagic stroke. The average age of death from an alcohol-attributable cause was about 35 years. Rates were presented according to regional boundaries designated by (former) ATSIC zones, as opposed to only state and territory jurisdictions – the former being of greater relevance to Indigenous communities than the latter.

INAIP aims to address a gap in the evidence base supporting Indigenous alcohol harm reduction initiatives, namely the need for indicators of alcohol related harm specific to Indigenous Australians. Such information would allow the timely and reliable measurement of the effectiveness of policies and interventions, thus better facilitating targeting of resources to areas of greatest need.

INAIP was devised as an expansion of NAIP, the nationally co-ordinated project aimed at tracking and reporting on trends in alcohol related harm in Australia at national, state and local levels. A feasibility study was conducted to assess whether the NAIP methodology and data could be applied to report specifically on Indigenous populations and revealed that, despite limitations on existing data, Indigenous NAIP was a viable and worthwhile endeavour.

Two NDRI research teams, one concerned with research on alcohol and drug issues among Indigenous Australians and the other with the analysis of national alcohol indicators, were brought together for INAIP. The project was supported by an Advisory Group including Associate Professor Ted Wilkes (Chair of the National Indigenous Drug and Alcohol Committee, NIDAC), and Scott Wilson and Coralie Ober (Co-Deputy Chairs of NIDAC).

INAIP Bulletin 11: Trends in alcohol-attributable deaths among Indigenous Australians, 1998-2004 is available on NDRI’s website (www.ndri.curtin.edu.au) and hard copies can be obtained on request.
Research Activities

Key Priority 2
Partnerships in the prevention of alcohol and other drug misuse among Indigenous Australians

New Projects

Identifying areas of greatest need in Indigenous substance misuse intervention
NDRI staff: Dennis Gray, Anna Stearne
Funded by: NIDAC
The National Indigenous Drug and Alcohol Committee (NIDAC) – a sub-committee of the Australian National Council on Drugs – was established to provide high level advice on the most appropriate and effective approaches to addressing Indigenous drug and alcohol issues. To facilitate its role in this area, NIDAC commissioned this project aimed at providing an in-depth report on:
- current alcohol and other drug services for Indigenous Australians;
- funding of current alcohol and other drug services for Indigenous Australians;
- the appropriateness of current services and funding for them; and,
- the identification and assessment of unmet needs.

Indigenous alcohol and other drug misuse and harm service provision
NDRI staff: Dennis Gray, Anna Stearne
Funded by: WANADA
The Western Australian Network of Alcohol and other Drug Agencies (WANADA) is the peak body for the alcohol and other drug (AOD) education, prevention, treatment and support sector in Western Australia (WA). To facilitate its 'whole-of-community' approach to alcohol and other drug issues and to provide a basis for future policy development and funding decisions, WANADA commissioned this project, which aims to map and identify the gaps in service provision for Indigenous people in WA needing to access alcohol and other drug misuse and harm treatment and support services.

Review of the Aboriginal and Torres Strait Islander community controlled alcohol and other drugs sector in Queensland
NDRI staff: Dennis Gray, Sherry Saggars, Ted Wilkes
Funded by: QAIHC
The Queensland Aboriginal and Islander Health Council (QAIHC) and the Queensland Indigenous Substance Misuse Council (QISMC) – peak bodies for Indigenous health and substance misuse organisations in Queensland – are working together to improve and support services they provide. To facilitate this under the auspices of QAIHC, NDRI was awarded a contract to:
- map, analyse, plan and report on alcohol and other drugs (AOD) services in 14 community controlled AOD agencies across Queensland;
- make recommendations on sector reform and development that will improve the scope and quality of AOD services for Aboriginal and Torres Strait Islander peoples across Queensland; and,
- undertake a study of two key sites with a view to examining how the local community controlled AOD services interact with local community controlled primary health care services and with other local services providers.

Ongoing Projects

Enhancing the management of alcohol-related problems among Indigenous Australians
NDRI staff: Dennis Gray, Steve Allsop, Sherry Saggars, Ted Wilkes, Violet Bacon
Project partners: Centre for Social Research, ECU; QUADREC
Funded by: AGDHA
This three stage program, which is being managed by NDRI, aims to enhance the access of Indigenous Australians to quality treatment for alcohol-related problems. In the first stage of the program, which was completed in 2007, a series of research projects was commissioned. Initially a call was made for expressions of interest in conducting such projects, each of which was reviewed by a broad-based project steering committee. Following review, each of the groups submitting an expression of interest was commissioned to prepare a review of the literature in their topic area and a full research proposal. These proposals were independently reviewed and representatives of each of the research groups were invited to make presentations to the project steering committee. Five projects were commissioned:

- Evaluating the management of alcohol-related problems among urban Aboriginal People in Western Australia: using an action research approach to enhance service delivery and collaboration for client care. Aboriginal Alcohol and Drug Service; Derbarl Yerrigan Health Service; Centre for International Health, Curtin University of Technology.
- Multidisciplinary, self management rehabilitation care plans and case management to improve alcohol treatment for Aboriginal people in Alice Springs. Central Australian Aboriginal Congress; James Cook University; University of Sydney; University of Queensland.
- “Where’s your country?” “Who are your people?” Asking the right questions when treating problematic alcohol use amongst Indigenous Australians. Muru Marri Indigenous Health Unit, University of NSW; National Centre for Epidemiology and Population Health, Australian National University; Winnunga Nimmityjah Aboriginal Medical Service.
- The integration of brief intervention into Aboriginal Community Controlled Health Services in five rural communities in NSW. National Drug and Alcohol Research Centre; Rural Clinical School, University of NSW; Durri Aboriginal Corporation Medical Service; Armajun Aboriginal Health Service; University of Queensland; University of Newcastle.

See Appendix 2 (page 40) for List of abbreviations
A community-based brief intervention: increasing access to the full range of treatment services for alcohol problems for Aboriginal and Torres Strait Islander Australians. Sydney South West Area Health Service.

These projects are to be undertaken in stage two of the program over a 15-month period. In the third stage, a set of recommendations based on the results of the projects will be prepared and plan developed for their implementation.

Completed Projects

**Evaluation of the DASA outreach program**

**NDRI staff:** Anna Stearne, Dennis Gray

**Project partners:** DASA

**Funded by:** AERF

The Drug and Alcohol Services Association (DASA), which runs the Alice Springs sobering up shelter, was funded by the Alcohol Education and Rehabilitation Foundation (AERF) to provide an outreach program. The program was designed to provide support and follow-up to frequent Indigenous clients of the sobering up shelter. The program commenced in November 2004. It was originally funded for 18 months, but was extended until December 2006. The aim of the outreach program was to provide evidence-based follow-up services for clients in a post-treatment situation. In particular, the program was designed to provide a community outreach service for Indigenous people in need of specialised support to reduce the harm associated with alcohol and other drug misuse.

NDRI staff were contracted as independent evaluators of the program, and, as such, were involved from the initial planning stages. The evaluation plan included external oversight of data collection and the outreach program staff’s collection of the evaluation data. The evaluation focused on process and outcome measures that were designed to meet the four planned outcomes of the outreach program:

- reduce the harm caused by alcohol abuse to Indigenous people in Central Australia.
- life circumstances improved for individuals in community-based outreach program.
- short-term objectives of the community-based outreach program progressively achieved.
- program satisfactorily implemented/adopted.

The evaluation was completed in June 2007, and found that the outreach program had achieved or made progress towards all of its planned outcomes and objectives. The program has since received ongoing funding from the Australian Department of Health and Ageing's Office of Aboriginal and Torres Strait Islander Health.

**First international conference on Indigenous mental health**

In October 2007, Dennis Gray, Ted Wilkes, Anna Stearne and NDRI Adjunct Professor Sherry Saggers attended the First International Conference on Indigenous Mental Health in Brasilia. Attendance at the conference – which was organised and funded by the Brazilian Ministry of Health – was limited and by invitation. Delegates included Indigenous and non-Indigenous researchers and practitioners from New Zealand, Canada, Argentina and Australia and counterparts and policy makers from Brazil. The conference was held in conjunction with a national meeting on Indigenous mental health.

The objective of the meeting was to develop a community-based approach to Indigenous mental health in Brazil – with substance misuse treatment and prevention and suicide prevention as key elements – based on information presented at the conference. The first day’s program focused on substance misuse with Ted Wilkes and Dennis Gray providing an overview of Indigenous issues in Australia, and Sherry Saggers and Anna Stearne reporting on their on-going evaluation of the highly successful Mt Theo Program. There was considerable interest in the work of NDRI – especially that dealing with the effectiveness of intervention strategies and in ways of working with Indigenous people. NDRI is looking to establish ongoing contact, through which the potential exists for significant research impact at the international level.
New Projects

2007 national prison entrants’ blood borne virus and risk behaviour survey - WA component
NDRI staff: Tony Butler
Funded by: Part funded by Department of Corrective Services, WA, NSW, Qld, Vic

This project is a national survey of blood borne virus (HIV, HCV, HBV) prevalence and risk behaviours in a consecutive national sample of prison admissions. The findings are vital to ongoing efforts to highlight the importance of this group (prisoners) to the national blood borne virus picture and to encourage the jurisdictions to provide comprehensive treatment services for hepatitis C.

An investigation of pharmaceutical drug misuse and harms among drug treatment clients
NDRI staff: Susan Carruthers
Project partners: Turning Point
Funded by: Ministerial Council on Drugs

This multisite study involving Western Australia, Tasmania, Victoria and Queensland is being co-ordinated by Turning Point Alcohol and Drug Centre in Melbourne. The project involves qualitative and quantitative interviews with 100 drug treatment clients (in each state) who acknowledge use of pharmaceutical drugs (benzodiazepines and opioids) in the past six months and interviews with key informants experienced in illicit drug treatment. A random selection of client case notes will be accessed and interpreted by an addiction expert from Turning Point for problems associated with drug treatment and concomitant use of illicitly obtained pharmaceutical drugs.

Completed Projects

Hepatitis C in magazines aimed at youth
NDRI staff: Susan Carruthers
Funded by: AGDHA

It is well recognised that hepatitis C prevention education needs to target young people either before they commence drug use or very early in their drug using careers before they make the transition to injecting. Since school based hepatitis C education associated with drug use is not yet possible, one way to contact youth is through mainstream magazines. These magazines may either target youth directly, for example Dolly, Girlfriend, Cosmopolitan and Cleo, or be available to youth in the home, doctor’s surgeries and dental surgeries, for example Women’s Weekly and Women’s Day.

This review found very limited coverage of hepatitis C in mainstream magazines over the past 5 years. Articles appeared in Women’s Day, Women’s Weekly, Cosmopolitan and Cleo. No articles were identified in mainstream magazines specifically targeting young women aged between 14 and 25 years. It is interesting that very few magazines target young men and those that do tend to focus on sport, cars and motorbikes. No articles about hepatitis C were found in magazines targeting men’s health. Articles identified were brief and gave limited information to the reader, but did however mention injecting drug use as a major risk factor for transmission and all included reliable sources for further information. The review of hepatitis C in magazines demonstrates that such avenues are not being utilised other than in a superficial manner, and it is worth pursuing certain magazines to present more in-depth information targetting youth.
Research Activities

Key Priority 4
The impact of legislative, regulatory and educational strategies to minimise alcohol and other drug related harm

New Projects

A multi component intervention for smoking cessation
NDRI staff: Tony Butler
Funded by: NHMRC
Smoking is more common amongst Australian prisoners than in the general community. Not only do prisons have high rates of smokers, significant numbers of inmates come from the three bastions of smokers in Australia: Indigenous people, people with a mental illness, and drug users. Despite a perception that prisoners are unlikely to give up smoking, a recent survey has found that many inmates have attempted to quit or reduce the amount they smoke. A quarter were planning to quit within the next three months.

This multistate project (New South Wales, Queensland and Western Australia) is the first large scale randomised trial of a multi-component intervention for quitting smoking in a prisoner population. It is investigating the effectiveness of adding an antidepressant (nortryptyline) to counselling, nicotine patches and a referral to the Quitline.

Cannabis Commission chapter on reforms at national and subnational levels
NDRI staff: Simon Lenton
Funded by: Beckley Foundation (UK)
With international colleagues, this project involves conducting a review of the literature on the effects of cannabis policy initiatives intended to mitigate adverse effects at national and subnational levels of reform within the international prohibition system. This includes initiatives to decriminalize cannabis possession, to reduce penalties for use or possession, to divert to treatment or other handling, and to license and tolerate, such as the Dutch coffee shop system. The review will describe the diverse initiatives in concrete terms, and summarize what evidence is available on the effects of each on amount and patterns of use and of harm. This will be one chapter of a four chapter report on Cannabis policy in a global perspective.

NDRI staff: Steve Allsop, Simon Lenton
Project partners: AIC
Funded by: AGDHA
It is appropriate to develop a national strategy to provide a common framework to enhance response to amphetamine-type substance (ATS) use and to coordinate activities to prevent use and respond to harms at national and jurisdictional levels. The national strategy is being developed through a process involving a thorough review of the evidence and broad stakeholder consultation. The national strategy will address supply, demand and harm reduction, and consequently will be consistent with the national drug strategy 2004-2009. The nature of ATS use and related harm dictates that the strategy will address health and law enforcement issues.

WA CIN scheme cannabis evaluation phase 2 (substudy 1 - public attitude survey)
NDRI staff: Simon Lenton, Tanya Chikritzhs, James Fetherston
Funded by: DAO
This project examined the effects of changes in cannabis law in Western Australia (WA) on population based prevalence of cannabis use, attitudes, deterrent effects and knowledge regarding cannabis and the law. It comprised the second phase of a study to evaluate the impacts on the general public of WA cannabis law changes which came into effect in March 2004. It essentially replicated a 2002 telephone survey of 800 members of the WA public to enable a pre-post comparison of the legal changes on prevalence of cannabis use and attitudes and knowledge regarding cannabis and the law, and the deterrent effect of cannabis law. As in phase 1, computer assisted telephone interviewing (CATI) procedures were used. A report on the project, which comprises part of the evaluation of the WA Cannabis Infringement Notice (CIN) scheme, was published in October 2007.

WA CIN scheme cannabis evaluation phase 2 (substudy 2 - regular users study)
NDRI staff: Simon Lenton, Tanya Chikritzhs, Tanya L’Veena, Justin Taubman
Funded by: NDRI
This project explores the impact of changes in cannabis law in Western Australia (WA) on a sample of regular cannabis users in terms of both their use of the drug, and indicators of the drug market for cannabis in WA including: price; perceived potency; availability; source (user-growers versus large scale criminal suppliers etc); and sale of hydroponic equipment. It involves the collection and analysis of qualitative and quantitative interview data from a sample of regular (weekly or more frequent) cannabis users. Based on data from phase 1 of the present study it can be expected that roughly 7 in 10 of those recruited would be daily cannabis users. The study comprises the second (post) wave of data collection being conducted some 36-42 months after the introduction of legislative change for cannabis in WA. As in the pre-change wave, the sample will consist of 100 adult cannabis users who have used the drug at least once a week over the previous 3 months. In the post-phase, the quantitative and qualitative interviews will include questions about: use of cannabis (frequency, situational factors, functionality, mode of administration etc) and other drugs; drug use history; cannabis use and driving, prior involvement with the law; knowledge and attitudes towards the law, impact of the CIN scheme on their acquisition and use of cannabis and the cannabis market in general.
Research Activities

Key Priority 4 (continued)
The impact of legislative, regulatory and educational strategies to minimise alcohol and other drug related harm

Ongoing Projects

Assessment of the effectiveness of the regulation of alcohol in WA (WALL)
NDRI staff: Wendy Loxley, Tanya Chikritzhs, Steve Allsop, Richard Pascal
Funded by: WAHD

Alcohol-related harm is positively correlated with the availability of alcohol, and all Australian jurisdictions control the availability of alcohol. Western Australia (WA) has some of the highest rates of alcohol-related harm in the country, and it is therefore reasonable to ask whether alcohol regulation in WA is effective in reducing levels of alcohol-attributable harm in the community. One way to answer this is to compare WA to other Australian jurisdictions. This substantial review is exploring these issues, paying attention to differences in alcohol regulation and harm between metropolitan and regional and remote areas in WA and in other states. The paper will encompass a literature review; extract of data and information sourced from public documents; extract and reanalysis of data held at NDRI; and purchase of data from sources such as the Australian Bureau of Statistics where necessary.

WA CIN scheme evaluation phase 2 (substudy 7 - evaluation in schools)
NDRI staff: Simon Lenton, Tanya Chikritzhs, Fiona Farringdon
Funded by: DAO and NDRI

This substudy comprising a survey of Western Australian (WA) school students and a focus group study of drug education teachers is part of the post phase of a large pre-post evaluation of the WA Cannabis Infringement Notice (CIN) Scheme that came into effect in March 2004. It aims to determine whether the legal changes affected students’ cannabis use, knowledge and attitudes to cannabis and the law, their experience of acquiring and supplying cannabis in the drug market, and any impacts on school drug education. It will inform revision of laws locally and consideration of similar schemes elsewhere in Australia and internationally.

Completed Projects

Review of restrictions on the sale and supply of alcohol in Australia and Western Australia
NDRI staff: Tanya Chikritzhs, Dennis Gray, Zaza Lyons, Sherry Sagers
Funded by: AERF and HDWA

See box.

Effectiveness of alcohol restrictions

This project aimed to extensively review the evidence for the effectiveness of restrictions on the sale and supply of alcohol in reducing consumption and alcohol-related harm. The specific objectives were to:

- Evaluate the effectiveness of current and recent liquor licensing interventions to reduce alcohol related harm through restricting the sale and supply of alcohol;
- Identify which types of alcohol sale and supply restriction strategies would be potentially effective in both metropolitan and regional and remote areas; and
- Identify the potentially most effective restriction strategies for Western Australian (WA) communities, particularly outside the Perth metropolitan area in regional and remote centres and communities with high levels of alcohol-related harm.

The review examined evidence from international and Australian sources and included a range of restrictions related to: hours and days of sale, outlet density, beverage price, legal minimum drinking age and age of purchase, high-risk beverages, community-based initiatives, voluntary accords, responsible beverage service, lockouts, special events and dry area provisions, and restricted areas legislation.

Restrictions on trading hours, economic availability (i.e. taxation and price) and access to alcohol by minors were each indicated as highly effective strategies for affecting alcohol consumption and related harms in an Australian context. Evidence of positive outcomes from other types of restriction such as limiting outlet density, restricting access to high-risk beverages and restricted areas legislation was also found, although these types of restrictions also typically require substantial ongoing functional support in order to maintain effectiveness.

Unique to the review was the detailed collation and synopsis of restrictions and their evaluations conducted throughout regional and remote Australia - WA, the Northern Territory, and Queensland in particular. For Indigenous Australian communities, a range of alcohol restrictions have been demonstrated as effective in reducing alcohol-related problems but are most effective when properly enforced, supported by the community, and complemented by measures that address the underlying causes of alcohol misuse. Findings of the review have been used to inform regional decisions about managing alcohol availability. The review of Restrictions on the sale and supply of alcohol in Australia and Western Australia can be downloaded from NDRI’s website (www.ndri.curtin.edu.au).
Research Activities

Key Priority 5

The development and evaluation of more effective school drug education programs

New Projects

International Dissemination of the School Health and Alcohol Harm Reduction Project (SHAHRP)

NDRI staff: Nyanda McBride

Funded by: AGDHA

See box.

Completed Projects

Editing a special edition of Drug and Alcohol Review on school drug education

NDRI staff: Richard Midford

See box page 25.

School Health and Alcohol Harm Reduction Project (SHAHRP)

The School Health and Alcohol Harm Reduction Project (SHAHRP) is world first research which assesses the impact in secondary school of an alcohol harm reduction program, rather than the most widely used goal in alcohol education of abstinence. As well as SHAHRP receiving a National Drug and Alcohol Award for Excellence in Research, the program has attracted significant international and national attention, and project leader Nyanda McBride continues to provide expert advice and support in the dissemination of SHAHRP both in Australia and overseas.

The first phase results of SHAHRP (from baseline to final follow-up 32 months later) demonstrated that students who participated in SHAHRP lessons (versus regular alcohol lessons) had 10% greater alcohol related knowledge, consumed 20% less alcohol, were 19.5% less likely to drink to harmful or hazardous levels, experienced 33% less harm associated with their own use of alcohol and 10% less harm associated with other people’s use of alcohol than did the control group.

Given the success of SHAHRP there has been a high level of international and national interest from researchers, policy makers and practitioners. A SHAHRP study website has been developed (www.ndri.curtin.edu.au/shahrp/) and provides an overview of the study design, evidence-based features and results. Free copies of the program resources can also be downloaded from the website. There have been many requests for copyright, program advice, and research advice to replicate the program and the research in Australia and other countries.

The International Dissemination of SHAHRP will identify and develop a database of international agencies and organisations, and the key contacts within each, that have a role in policy and practice related to alcohol education. A SHAHRP ‘bulletin’ that identifies key aspects of the SHAHRP study and evidence basis will be developed and distributed to all on the database. Responses will be assessed over an extended period.
**Research Activities**

**Key Priority 6**

The development and evaluation of more effective community drug prevention programs

**New Projects**

**Development of drug and alcohol key performance indicators for local governments in Australia**

NDRI staff: Richard Midford, Steve Allsop, Tanya Chikritzhs, Rina Cercarelli

Funded by: National Local Government Drug and Alcohol Advisory Committee

The aim of this project is to identify and trial a minimum data set capable of measuring local government achievements in terms of alcohol and other drug (AOD) problems. This would encompass the following indicators:

- local policy measures;
- resident perceptions of use, harm and local level responses; and
- objective serial measures of use, harm and response effort.

On the basis of findings from the trial, NDRI will incorporate the most salient and sensitive measures in a composite, operational toolkit that will be broadly applicable to local governments across Australia.

**Long term evaluation of liquor licensing restrictions in Port Hedland**

NDRI staff: Richard Midford

Funded by: Health Department of WA

This follow up evaluation examines the long term impact of liquor licensing restrictions in the Town of Port Hedland. The research involves repeated measures analysis of consumption and time series analysis of proxy measures of alcohol harm in Port Hedland, and where data are available, in the control community of Roebourne Shire. A report has been produced for the WA Health Department which has been submitted to the Director of Liquor Licensing for consideration in his review of the liquor licensing restrictions currently in place. A journal article is in preparation.

**Ongoing Projects**

**Alcohol use during pregnancy: formative intervention research**

NDRI staff: Nyanda McBride, Susan Carruthers

Project partners: TICHR, NDARC

This survey of approximately 150 pregnant women who consume alcohol will provide information about frequency and quantity of alcohol use, details of pregnancy history, and insights into potential intervention components, targets and strategies. Survey collection concluded in December 2007. Data have been put into an SPSS database and are in the process of being cleaned prior to initial frequency analysis. More extended data analysis will occur over an extended period.

**Kalgoorlie Alcohol Action Project (KAAP)**

NDRI staff: Richard Midford, Fredrik Welander, Andrea Schineanu

Project partners: City of Kalgoorlie-Boulder

Funded by: AERF

See box below.

**Completed Projects**

**Editing a special issue of Substance Use and Misuse on proceedings of the sixth Kettil Bruun Symposium on community action research**

NDRI staff: Richard Midford

Funded by: AGDHA; DAO

See box page 25.

**Tackling the drinking culture in Kalgoorlie**

Women in Kalgoorlie-Boulder binge drink at almost three times the Western Australian (WA) state average and more than twice as much as Kalgoorlie men, who binge drink at almost twice the state average, according to the first report of the Kalgoorlie Alcohol Action Project (KAAP), published in early 2007. The Report on the Kalgoorlie-Boulder community baseline survey, discusses the findings of the first phase of the project, which involved collecting information on how the community deals with alcohol through key informant interviews and a community survey.

KAAP is a 3½ year, whole-of-community initiative that seeks to prevent problematic alcohol use and remediate associated harm in a community that historically has had high levels of both. The project, which is a partnership between NDRI and the City of Kalgoorlie-Boulder, is implementing an integrated range of local intervention strategies that have been derived from sound research evidence. In order to increase local ownership a menu approach is being used, whereby the community is involved in selecting the mix of interventions best suited to local circumstances. The project is simultaneously conducting a range of early intervention, coalition building, media marketing, community education, skills training, enforcement and high risk group programs that address the individual, social and structural determinants of alcohol consumption and harm at the community level.

For more information on the Kalgoorlie Alcohol Action Project, visit www.ndri.curtin.edu.au/kaap/.
Research Activities

Key Priority 7

Identifying fundamental, strategic and developmental research questions in the area of prevention of harmful drug use

New Projects

Young people, alcohol and other drug use at large events

PhD student: Tina Lam
PhD supervisor: Steve Allsop, Tanya Chikritzhs
Funded by: NDRI scholarship

Many large events have expectations of risky alcohol and other drug use associated with them. Specifically, this project will focus on school leavers’ celebrations (known as “schoolies” in the eastern states of Australia). Many young people, who may not use alcohol and other drugs regularly, may choose to use them on “special occasions” such as large events. This study will examine the role of the large event context in facilitating as well as regulating alcohol and other drug use. Also, whether there are harms associated with this alcohol and other drug use, young peoples’ perceptions of these harms, and novel and existing harm minimisation ideas will be explored.

Ongoing Projects

Review of alcohol and prostate cancer

NDRI staff: Tanya Chikritzhs, Richard Pascal
Project partners: University of California, San Francisco, USA; Centre for Addictions Research of British Columbia, University of Victoria, Canada
Funded by: AGDHA

The relationship between alcohol and the development of prostate cancer is uncertain. Research study results have been mixed and most past reviewers have concluded no association. This study includes a comprehensive literature review and meta-analysis of the published literature on alcohol and prostate cancer with particular emphasis on outcomes as they relate to study design and methodology. The literature review and meta-analyses have been completed and the study is currently being written-up as an invited paper for the journal of Molecular Nutrition and Food Research (MNF).

Completed Projects

The relationship between non-fatal overdose of pharmaceutical medications, suicidality and depression (PhD project)

PhD student: Penny Heale
PhD supervisor: Wendy Loxley; Alison Ritter, NDARC; Paul Dietze, Burnet Institute
Funded by: NDRI scholarship

See box below.

- Three data sources were employed: computerised ED records, interviews with a sub-sample of patients attending the ED following a medication overdose, and observation of ED processes in relation to these cases.
- One of the most important findings of the study was the large contribution made by benzodiazepine medications to the overall medication overdose statistics. When considered in conjunction with the patient interview data, it appeared that many patients included in the study were prescribed benzodiazepines in a manner that contradicts current national prescribing guidelines. The study recommended addressing the problem of medication overdose by working with doctors to ensure the appropriateness of their prescribing practices, to encourage them to more closely monitor the treatment progress of at-risk patients, and to increase awareness of other evidence-based forms of treatment for depression and anxiety.
Research Activities

Key Priority 8

Investigating the influence of structural determinants and the social contexts of drug use on the implementation of strategies designed to reduce and prevent harmful drug use

Ongoing Projects

A multi-site investigation of the social meanings of alcohol misuse among young adults in recreational settings
NDRI staff: David Moore, Jeremy Northcote, Jocelyn Grace
Funded by: AERF

Although there is clear epidemiological evidence of alcohol-related harm among young adults, there has been little qualitative research on their specific drinking practices. This project seeks to fill a ‘gap’ in the understanding of alcohol-related harm and related risk behaviours by employing a structured ethnographic perspective. It focuses on the effect of setting, values, social relationships and practices on alcohol consumption, but employs a grounded, ‘insider’ approach to understanding these aspects.

The research examines alcohol consumption among young adults (aged 18-24 years) with particular focus on binge drinking and related risk behaviours. It employs a structured ethnographic approach to documenting the social meanings of alcohol consumption amongst six discrete social networks of young adults in three types of recreational settings. The specific aims of the research project are to:

- describe the cultural meanings and social contexts of alcohol use among young adults in recreational settings;
- compare and contrast alcohol use across three types of recreational venue – nightclubs, hotels and private parties;
- understand the specific circumstances in which binge drinking and related risk behaviours occur;
- investigate the impact of social networks and life transitions on young adults’ use of alcohol.

In gaining in-depth, systematic data on young adults’ consumption practices, the findings of the research project will inform the design of prevention policies designed to discourage binge drinking and alcohol-related risk behaviours. The translation of research findings into practical recommendations for intervention strategies will be the major focus of the final project report produced from the study.

Improving understanding of psychostimulant related harm in Australia: An integrated ethno-epidemiological approach
NDRI staff: David Moore
Project partners: Monash Institute for Health Services Research; National Centre in HIV Epidemiology & Clinical Research; National Centre in Epidemiology & Population Health; National Development & Research Institutes, USA
Funded by: NHMRC

This research project aims to provide greater understanding of the individual, social and cultural factors associated with psychostimulant-related harms through an innovative combination and integration of anthropological and epidemiological approaches known as ‘ethno-epidemiology’. In order to access a diverse range of psychostimulant-using contexts, research is focusing on three urban sites: street-based drug users in Sydney, club drug users in Melbourne and home-based, recreational drug users in Perth. These groups were chosen because they have high prevalences of psychostimulant use. The ethnographic research is being conducted by three PhD students: Rachael Green (Perth), Suzie Hudson (Sydney), and Christine Siokou (Melbourne). The aims of the project are to:

1. determine the cultural meanings and social contexts of psychostimulant use in three social networks of young people: (i) street-based injectors (Sydney); (ii) club drug users (Melbourne); and (iii) home-based recreational drug users (Perth);
2. investigate the epidemiology of psychostimulant use and related harms in these social networks;
3. integrate social, cultural and epidemiological data in order to identify the dynamics of the three drug markets in which network members participate and how these dynamics affect specific harms associated with psychostimulant use (eg, risk of blood-borne virus transmission, violence);
4. recommend possible interventions for the prevention of psychostimulant-related harms based on improved understanding of the interaction of market dynamics and social networks.

The research project will provide important data that will inform future interventions, improve multidisciplinary models for drug research, and build Australia’s capacity to conduct cutting-edge public health research.

NDRI establishes Melbourne office

The National Drug Research Institute established a satellite office in Melbourne during 2007, to augment the Institute’s main operations at Curtin University’s Health Research Campus in Shenton Park, Perth.

The Melbourne office houses a group of research staff, including Ethnographic Program Project Leader Associate Professor David Moore and four PhD Scholars. The group are completing or collaborating on several research projects focusing on alcohol and drug issues that will benefit from having research staff located in Melbourne.

See Appendix 2 (page 40) for List of abbreviations
Research Activities

Key Priority 8 (continued)

Investigating the influence of structural determinants and the social contexts of drug use on the implementation of strategies designed to reduce and prevent harmful drug use

Working with homeless people who use drugs
NDRI staff: Jeremy Northcote, Steve Allsop, Zaza Lyons
Project partners: St Bartholomew’s House, Perth
Funded by: ANCD

The aim of this project is to assess the extent and nature of alcohol and other drug (AOD) problems among homeless persons in Australia in order to develop a set of guidelines for assessing, managing, and engaging with people who are homeless and have AOD problems. To this end, a comprehensive literature evaluation and consultation process is being undertaken and a best practice ‘Resource Kit’ produced for distribution to homeless agencies and organisations to assist them in their management of AOD problems among the homeless. As a special project initiated by ANCD, the outcomes of this project are envisaged to have far-reaching benefits for addressing AOD issues amongst the Australian homeless population and thereby improving health outcomes in this population group.

Completed Projects

Research into the cultures and contexts of ecstasy and related drug use in Victoria: New bases for prevention and harm minimisation
NDRI staff: David Moore
Project partners: Centre for Youth Drug Studies, Australian Drug Foundation; Turning Point
Funded by: PDPC, Victoria

Exploring the social and cultural contexts of ecstasy and related drug use

Ecstasy and related drugs (ERDs) are used in a broad and growing range of youth settings in Victoria. The spread of these drugs and their wide availability in recent years has transformed the prevailing cultures and contexts of ERDs use: what began as a distinct and underground subculture in Victoria has now become a ‘mainstream’ cultural phenomenon encompassing great diversity in class, gender and cultural background. Originally centred within the broad club and rave community, ERDs use now extends beyond these settings into a number of diverse and occasionally unexpected environments. Young Victorians are therefore increasingly likely to encounter and be called upon to make tough decisions about these drugs.

This project was commissioned by the Victorian Premier’s Drug Prevention Council to explore the social and cultural contexts of ERDs use in Victoria. The research has provided new information about patterns of use, the profile and social networks of ERDs users, and the ways in which these change over time, with age and gender. It has also identified the harms that users associate with ERDs, and the strategies they employ to reduce or manage those harms. Based on the findings, recommendations have been made about ERDs-specific prevention approaches, including when and where such approaches would be most appropriate.

Developing each of these research interests first involved a review of the available epidemiological evidence about the use of ERDs in specific youth populations in Victoria and elsewhere, followed by an analysis of the various ways in which ERDs are used within these populations, and how these patterns of use vary from one context to another. The original component of this research, conducted across multiple sites and drawing upon a range of qualitative methodologies, involved studying the patterns of ERDs use; the cultural settings in which ERDs use takes place in Victoria; the meanings attributed to such use; and the links between these contexts and the experiences of ERDS-related risks and harms. This study thus offers an important means of further contextualising existing epidemiological accounts of young people’s ERDs use. Such accounts provide a means of generating more sensitive and culturally appropriate ERDs prevention and harm reduction programs in Victoria.
Research Activities

PhD Program

NDRI has an active PhD program and works to identify opportunities to fund more postgraduate students. PhD candidates are attracted through scholarships and through collaborative supervision with other schools and universities. The NDRI Tier 1 group has successfully supervised a large number of international Masters and PhD students, with research projects engaging both students working within Australia and international students conducting projects ‘at home’.

Completed PhD Projects

The relationship between non-fatal overdose of pharmaceutical medications, suicidality and depression
PhD student: Penny Heale
PhD supervisor: Wendy Loxley
Funded by: NDRI scholarship
See box page 18.

Ongoing PhD Projects

A case control study of lifestyle factors in the aetiology of ovarian cancer
PhD student: Dada Su
PhD supervisor: Colin Binns

Alcohol and smoking in breastfeeding
PhD student: Roslyn Giglia
PhD supervisor: Colin Binns
Funded by: AERF, AGDHA and NHMRC scholarship

Alcohol consumption, smoking and lifestyle characteristics for Japanese patients with chronic obstructive pulmonary disease
PhD student: Fumi Hirayama
PhD supervisor: Colin Binns
Funded by: NDRI scholarship

An examination of injection drug use sites: The influence of social and physical context on drug-related harm and public health interventions
PhD student: Will Small (enrolled University of BC)
PhD supervisors: David Moore and Jean Shoveller, Mark Tyndall (University of BC, Canada)

Exploring drug users’ socially constructed conceptualisations of drug use in the search for an alternative discourse
PhD student: Laura Willis (enrolled Curtin)
PhD supervisors: Ali Marsh, Brian Bishop (Curtin School of Psychology) and David Moore

Loss and its consequences among town campers in Alice Springs: the role of alcohol and other drugs
PhD student: Jane Ulrik
PhD supervisors: Dennis Gray, Sherry Saggers
Funded by: NDRI scholarship

Pouring practices of 65-74 year old current drinkers: implications for drinking guidelines and estimates of risk
PhD student: Celia Wilkinson
PhD supervisors: Steve Allsop, Tanya Chikritzhs
Funded by: AERF, NDRI

Social, cultural and economic processes in illicit drug markets and their public health consequences
PhD student: Robyn Dwyer
PhD supervisors: David Moore and Andrew Dawson (University of Melbourne)
Funded by: NDRI scholarship

The ethno-epidemiology of party drug use and related harm in the Melbourne club/rave scene
PhD student: Christine Siokou
PhD supervisors: David Moore and Helen Lee (La Trobe University)
Funded by: NHMRC

The ethno-epidemiology of recreational party drug use and related harm in Perth
PhD student: Rachael Green
PhD supervisors: David Moore and Lisa Maher (National Centre in HIV Epidemiology and Clinical Research, UNSW)
Funded by: NHMRC

The ethno-epidemiology of psychostimulant use and related harm amongst street-based injecting drug users in Sydney
PhD student: Susan Hudson (enrolled UNSW)
PhD supervisors: Lisa Maher (National Centre in HIV Epidemiology and Clinical Research, UNSW) and David Moore
Funded by: NHMRC

The harms associated with concurrent alcohol and party drug use amongst young people: risk environments and the implications for prevention
PhD student: Amy Pennay
PhD supervisors: David Moore, Simon Lenton
Funded by: AERF scholarship

Use of online forums by Australian party drug users: making drug use safer or more dangerous?
PhD student: Monica Barratt
PhD supervisors: Simon Lenton, Matthew Allen (Curtin University of Technology)
Funded by: AERF scholarship

Young people, alcohol and other drug use at large events
PhD student: Tina Lam
PhD supervisors: Steve Allsop, Tanya Chikritzhs
Funded by: NDRI scholarship
See page 18.
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Associate Professors
Tony Butler, BSc(Hons), MSc(London), MSc InfoTech(Kingston), DipAppEp, PhD(UNSW)
Simon Lenton, BPsych, MPsych(Clin)(WAust), PhD(Curtin) (Deputy Director)
Wendy Loxley, CertTch(Rhodesia), BA(Hons)(WAust), GradDipPsych(WAIT), MPsych PhD(Curtin)
Bruce Maycock, Med(WAust), GradDipBus(ECowan)
Richard Midford, BA BPsych PhD(WAust), MPsych(Tas)
David Moore, BA(Hons) MA PhD(WAust)
Edward Wilkes, BA(Curtin)

Senior Research Fellows
Violet Bacon, BSW MHC(Curtin)
Tanya Chikritzhs, BA(Hons)(Murd), GradDipEpidBioStats PhD(Curtin)
Nyanda McBride, DipTeach BEd(WACAE), PGradDipHlthProm MPH PhD(Curtin)

Research Fellows
Susan Carruthers, BAppSc GradDipDiet MPH PhD(Curtin)
Owen Carter, BPsych(WAust) DPsych (Murd) BA (Ancient History)(WAust)
Ed Garrison, MEd(CalifState), BA(Harpar)
Jocelyn Grace, BSc(Hons)(WAust), PhD(Murd)
Geoffrey Jaleh, MPH(WAust)
Jeremy Northcote, BA(Hons)(Curtin), PhD(Murd)
Fredrik Welander, BSc(MidSweden)

Research Associates
James Fetherston, BPsych PostGradDipADAS(WAust)
Jessica George, BA (Hons)(Murd)
Zaza Lyons, BA(Hons)(BristolUK), MPH(WAust)
Richard Pascal, BSc(Hons)(Curtin)
Pritish Nanda, BCom(Sambalpur), PGradDip HlthHospMan(Jaipur), MPH(Curtin)
Anna Stearne, BA(ECowan), DipEd(WAust)

Research Officer
Andrea Schineanu, BSc, PostGradDipBioSci
Andrew Joyce, BA(Hon)(Melb) GradDipEd(Monash) PhDPsych(LaTrobe)

Research Assistants
Tanja L’Veena
Carissa Papanastasiou
Candice Rainsford BA
Justin Taubman

PhD Students
Monica Barratt
Robyn Dwyer
Roslyn Giglia
Rachael Green
Penny Heale
Fumi Hirayama
Tina Lam
Amy Pennay
Christine Sikou
Dada Su
Jane Ulrik
Celia Wilkinson

Adjunct Professors
Kaye Middleton Fillmore, BA, MA, PhD(Rutgers)
Kate Graham, CertT BA MA(SFraser), PhD(WOnt)
Sherry Saggars, BA(WAust), MA(Hawaii), PhD(Brown)
Tim Stockwell, MA(Hons)(Oxf), MSc(Sur), PhD(Lond)

Emeritus Professor
David Hawks, BA(Hons)(WAust), MSc(Econ), DPsych(Lond), PhD(Qu) FBPsS CPsy chol

Adjunct Associate Professor
Peter d’Abbs, BA(Hons)(Melb), MA(Exe), PhD(Melb)

Adjunct Senior Research Fellows
Richard Fordham, BA(Hons)(YorkUK), PhD(WAust)

Adjunct Research Fellows
Kevin Boots, MA(LaTrobe), SEN(Alfred), GradDip(KingsleyColi), BA(Melb)
Neil Donnelly, BA(NSW), MA(Syd)

Business Services Staff

Fran Davis, Business Manager
Philippa Greaves, Clerical Officer
Maggie Halls, Resource Officer
Jo Hawkins, Clerical/Admin Assistant
Paul Jones, Computer Systems Officer
Rachael Lobo, Communications Officer
Patricia Niklasson, Secretary/Admin Assistant
Vic Reichihi, Communications Officer
Pauline Taylor-Perkins, Administrative Assistant
Dissemination Overview

The National Drug Research Institute 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 the media, publications and presentations, to policy makers, practitioners, public health professionals, other researchers, interest groups and the community. Further information can be found on NDRI’s website at www.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 national and international conferences. NDRI also hosts regular conferences and directly influences policy through frequent presentations and submissions to national and state policy bodies.

CentreLines
Produced alternately by NDRI and its sister organisation, NDARC, this bi-monthly newsletter presents the latest NDRI research and provides a platform for debate on issues affecting drug and alcohol policy.

Research Bulletins
The findings of the National Alcohol Indicators Project (NAIP) are disseminated in four-page colour bulletins. This ‘user friendly’ approach has proven effective in broadening the reach of NDRI’s research beyond the academic sphere.

Website
Further information about NDRI’s research is available through its website, www.ndri.curtin.edu.au. The site is a popular way for the community, the media and other researchers to access NDRI’s work, registering more than 500,000 hits annually.

Media
The media is an important conduit for NDRI’s research to reach the community. NDRI has built a reputation as a source of reliable scientific information on a range of issues concerned with the prevention of alcohol and drug-related harm.

The provision of expert comment and evidence based research has enhanced NDRI’s efforts to disseminate its research findings widely and to inform and participate in alcohol and other drug policy development in Australia.

In 2007, NDRI received more than 400 mentions in the media. Research findings and comment were carried by international, national, regional and local news and current affairs outlets.
Dissemination Activities

Publications

Monographs and Technical Reports


Published Articles, Chapters and Books


Dissemination Activities
Publications (continued)

Special editions edited by NDRI researcher

During 2007, two special editions of journals for which Associate Professor Richard Midford, who heads NDRI’s community prevention research program, was guest editor, were published.

*Substance Use and Misuse* (volume 42, nos 12-13) reported on proceedings of the Sixth Kettil Bruun Society symposium on community-based prevention of alcohol and drug-related problems, held in Mandurah, Western Australia from 27 February to 3 March 2005. The articles represent recent thinking by a range of experienced Australian and international researchers and program managers on the best way to undertake community-based prevention of alcohol and drug use-related problems, and are likely to influence future practice in this area.

A special edition of *Drug and Alcohol Review* (volume 26, no 6) dealing with policy and practice research in the area of school and college drug education was published in November 2007. The journal includes eleven papers, ranging from the theoretical to the empirical in their approach and from national policy to classroom practice in their focus, which aim to provide fresh insight into the possibilities of drug education and other student-focussed prevention programs.


Dissemination Activities

Publications


**Conference Presentations**


Symposium Presentations


Workshop Presentations


Seminar Presentations


Meeting Presentations


Dissemination Activities

NDRI Seminar Series

NDRI Seminar Series 2007

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.

The 2007 program was one of the busiest on record, combining presentations by NDRI staff with visitors to Perth on a diverse range of topics, from the effects of drugs on the developing brain and the positive flow-ons from improving prisoner health, to law enforcement and the link between healing and alcohol and drug issues in Indigenous communities.

At least one NDRI seminar, Prisoner’s health – why bother?, tapped into an area where little research has been done in Western Australia but that holds tremendous potential for improving public health. Associate Professor Tony Butler’s presentation was so popular it ran twice.

Another seminar that attracted significant demand was Healing, trauma and alcohol in Aboriginal Australia, conducted by Indigenous author and academic Dr Gregory Phillips. Feedback from the seminar, which was coordinated and organised by NDRI and held at Aboriginal Alcohol and Drug Services in East Perth, showed attendees found it both inspiring and of practical use to their work.

The NDRI Seminar Series program is available on the NDRI website, at www.ndri.curtin.edu.au/home/seminars.html.

29 January 2007
What do molecular and cellular studies tell us about substance use and treatment?
NDRI Seminar Room, NDRI, Perth
Dr Marcus Rattray, King’s College London, University of London, UK

29 March 2007
NDRI - the first 10 years, or how green was our valley?
NDRI Seminar Room, NDRI, Perth
David Hawks, NDRI

10 May 2007
Health related quality of life and injecting drug users - is it the virus or the drugs?
NDRI Seminar Room, NDRI, Perth
Susan Carruthers, NDRI

21 June 2007
Policing and drug and alcohol issues
NDRI Seminar Room, NDRI, Perth
Superintendent James Migro, Western Australian Police Service, Perth, WA

19 July 2007
Investigating a community’s readiness for changing the way it deals with alcohol: the Kalgoorlie Alcohol Action Project (KAAP)
NDRI Seminar Room, NDRI, Perth
Fredrik Welander, NDRI

16 August 2007
Prisoner’s health - why bother? (first run)
NDRI Seminar Room, NDRI, Perth
Tony Butler, NDRI

17 September 2007
Drugs and the brain: implications for policy and prevention
NDRI Seminar Room, NDRI, Perth
Dr Dan Lubman, ORYGEN Research Centre, University of Melbourne, Melbourne, VIC

11 October 2007
Prisoner’s health - why bother? (second run)
NDRI Seminar Room, NDRI, Perth
Tony Butler, NDRI

17 October 2007
Welcome and overview of NDRI research activities at the information evening for 2008 Honours and Masters students
NDRI Seminar Room, NDRI, Perth
Steve Allsop, NDRI

27 November 2007
Healing, trauma and alcohol in Aboriginal Australia
Aboriginal Alcohol and Drug Services, East Perth
Dr Gregory Phillips, Executive Director, Abstarr Consulting
The Australian Government Department of Health and Ageing provided $2,744,660 to the Institute's core funding for the period January to December 2007. Details of income and expenditure follow.

### National Drug Research Institute Core Income and Expenditure 2007

<table>
<thead>
<tr>
<th>Income</th>
<th>$</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGDHA</td>
<td>2,744,660</td>
<td></td>
</tr>
<tr>
<td>AERF Grant Research</td>
<td>19,000</td>
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</tr>
<tr>
<td>RPI and DEST PhD Income</td>
<td>54,000</td>
<td></td>
</tr>
<tr>
<td>Sundry Income</td>
<td>1,662</td>
<td></td>
</tr>
<tr>
<td>Interest</td>
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<td></td>
</tr>
<tr>
<td>Surplus BF from December 2006</td>
<td>282,763</td>
<td>$3,172,008</td>
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</table>

<table>
<thead>
<tr>
<th>Expenditure</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries</td>
<td>1,896,560</td>
<td></td>
</tr>
<tr>
<td>Operating costs</td>
<td>245,543</td>
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<tr>
<td>Capital Costs</td>
<td>39,852</td>
<td></td>
</tr>
<tr>
<td>PhD Scholarships</td>
<td>39,065</td>
<td>$2,221,020</td>
</tr>
<tr>
<td>Surplus at 31 December 2007</td>
<td></td>
<td>$950,988</td>
</tr>
<tr>
<td>Add Reserves</td>
<td>68,268</td>
<td>$68,268</td>
</tr>
</tbody>
</table>

**Total funds available at 31 December 2007** $1,019,256
## Finance Report

### National Competitive Grants and Tenders

<table>
<thead>
<tr>
<th>Project</th>
<th>Funder</th>
<th>Total grant approved for project</th>
<th>Grant received in 2007</th>
<th>Expenditure in 2007</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illicit drug reporting system (IDRS)</td>
<td>NDLERF via NDARC</td>
<td>$320,101</td>
<td>$52,864</td>
<td>$72,127</td>
</tr>
<tr>
<td>Ecstasy and related drugs reporting system (EDRS)</td>
<td>NDLERF via NDARC</td>
<td>$228,783</td>
<td>$48,520</td>
<td>$49,976</td>
</tr>
<tr>
<td>Policing implications of petrol sniffing and inhalant misuse in Aboriginal communities</td>
<td>NDLERF</td>
<td>$139,440</td>
<td>$13,944</td>
<td>$649</td>
</tr>
<tr>
<td>Research into alcohol outlet density and related harm</td>
<td>NDLERF</td>
<td>$58,481</td>
<td>$0</td>
<td>$210</td>
</tr>
<tr>
<td>Improving understanding of psychostimulant-related harms in Australia: an integrated ethno-epidemiological approach</td>
<td>NHMRC</td>
<td>$603,910</td>
<td>$170,810</td>
<td>$115,520</td>
</tr>
<tr>
<td>2005 NHMRC population health career development award</td>
<td>NHMRC</td>
<td>$271,500</td>
<td>$90,500</td>
<td>$105,392</td>
</tr>
<tr>
<td>Building indigenous research workforce capacity</td>
<td>AERF</td>
<td>$179,780</td>
<td>$0</td>
<td>$31,136</td>
</tr>
<tr>
<td>Concurrent alcohol and party drug use (PhD Scholarship)</td>
<td>AERF</td>
<td>$99,993</td>
<td>$0</td>
<td>$28,483</td>
</tr>
<tr>
<td>Kalgoorlie alcohol action project (KAAP)</td>
<td>AERF</td>
<td>$799,981</td>
<td>$200,000</td>
<td>$200,566</td>
</tr>
<tr>
<td>Multi-site investigation of the social meanings of alcohol misuse among young adults in recreational settings</td>
<td>AERF</td>
<td>$308,286</td>
<td>$60,000</td>
<td>$83,774</td>
</tr>
<tr>
<td>Review of restrictions on the sale and supply of alcohol in Australia and Western Australia</td>
<td>AERF</td>
<td>$61,808</td>
<td>$0</td>
<td>$20,571</td>
</tr>
<tr>
<td>Enhancement of the patrol monitoring and evaluation database</td>
<td>AERF</td>
<td>$247,446</td>
<td>$0</td>
<td>$5,704</td>
</tr>
<tr>
<td>NDRI 20th anniversary research symposium</td>
<td>AERF</td>
<td>$20,000</td>
<td>$19,000</td>
<td>$19,000</td>
</tr>
<tr>
<td>Working with homeless people who use drugs</td>
<td>ANCD</td>
<td>$63,587</td>
<td>$42,424</td>
<td>$37,646</td>
</tr>
<tr>
<td>Identifying areas of greatest need in indigenous substance misuse intervention</td>
<td>ANCD</td>
<td>$94,174</td>
<td>$0</td>
<td>$16,864</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>$3,497,269</strong></td>
<td><strong>$698,062</strong></td>
<td><strong>$787,619</strong></td>
</tr>
</tbody>
</table>
## State Competitive Grants and Tenders

<table>
<thead>
<tr>
<th>Project</th>
<th>Funder</th>
<th>Total grant approved for project</th>
<th>Grant received in 2007</th>
<th>Expenditure in 2007</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessment of the effectiveness of the regulation of alcohol in WA (WALL)</td>
<td>WAHD</td>
<td>$27,053</td>
<td>$0</td>
<td>$1,089</td>
</tr>
<tr>
<td>Towards a model of care for IDU in hepatitis C treatment</td>
<td>CSRGS</td>
<td>$9,959</td>
<td>$0</td>
<td>$1,043</td>
</tr>
<tr>
<td>MHRIF Round 9 Award - Simon Lenton</td>
<td>WAHD</td>
<td>$11,977</td>
<td>$0</td>
<td>$11,977</td>
</tr>
<tr>
<td>MHRIF Round 9 &amp; 10 Award - Dennis Gray</td>
<td>WAHD</td>
<td>$26,811</td>
<td>$17,383</td>
<td>$39,216</td>
</tr>
<tr>
<td>MHRIF Round 9 Award - Nyanda McBride</td>
<td>WAHD</td>
<td>$11,252</td>
<td>$0</td>
<td>$11,252</td>
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<tr>
<td>NIRIS Award - Richard Midford</td>
<td>WAHD</td>
<td>$17,227</td>
<td>$17,227</td>
<td>$0</td>
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<tr>
<td>NIRIS Award - Tanya Chikritzhs</td>
<td>WAHD</td>
<td>$10,000</td>
<td>$0</td>
<td>$2,219</td>
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<tr>
<td>NIRIS Award - Tony Butler</td>
<td>WAHD</td>
<td>$10,000</td>
<td>$10,000</td>
<td>$302</td>
</tr>
<tr>
<td>Training of health staff for the implementation of the smoke free WA health system policy</td>
<td>WAHD</td>
<td>$200,000</td>
<td>$7,500</td>
<td>$7,500</td>
</tr>
<tr>
<td>Review of the Aboriginal and Torres Strait Island community controlled alcohol and other drugs sector</td>
<td>QAIHC</td>
<td>$41,679</td>
<td>$16,672</td>
<td>$1,272</td>
</tr>
<tr>
<td>Indigenous alcohol and other drug misuse and harm service provision</td>
<td>WANADA</td>
<td>$97,798</td>
<td>$48,899</td>
<td>$57,792</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$463,756</td>
<td>$170,181</td>
<td>$126,162</td>
</tr>
</tbody>
</table>

## Other Grants

<table>
<thead>
<tr>
<th>Project</th>
<th>Funder</th>
<th>Total grant approved for project</th>
<th>Grant received in 2007</th>
<th>Expenditure in 2007</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaluation of the Australian Responsible Parenting Initiative</td>
<td>AIC</td>
<td>$37,681</td>
<td>$9,758</td>
<td>$6,654</td>
</tr>
<tr>
<td>OUMA research into drug use and offending</td>
<td>AIC</td>
<td>$29,590</td>
<td>$0</td>
<td>$17,529</td>
</tr>
<tr>
<td>Inquiry into the misuse/abuse of benzodiazepines and other forms of pharmaceutical drugs in Victoria</td>
<td>DCPC, Vic</td>
<td>$78,314</td>
<td>$62,711</td>
<td>$73,661</td>
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<tr>
<td>Development of a national amphetamine-type stimulant strategy 2007-2009</td>
<td>AGDHA</td>
<td>$133,320</td>
<td>$133,320</td>
<td>$121,618</td>
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<tr>
<td>WA CIN scheme cannabis evaluation phase 2 (substudy 1 - public attitude survey)</td>
<td>DAO</td>
<td>$50,000</td>
<td>$50,000</td>
<td>$50,000</td>
</tr>
<tr>
<td>Research into factors associated with young people’s risky drinking, particularly at events (PhD scholarship)</td>
<td>OCY &amp; OCP</td>
<td>$95,376</td>
<td>$0</td>
<td>$3,027</td>
</tr>
<tr>
<td>Development of key performance indicators for local government in Australia</td>
<td>Fairfield City Council</td>
<td>$66,538</td>
<td>$9,091</td>
<td>$31,765</td>
</tr>
<tr>
<td>Provision of pharmaceutical drug misuse research</td>
<td>Turning Point</td>
<td>$33,078</td>
<td>$12,029</td>
<td>$8,940</td>
</tr>
<tr>
<td>National prison entrants bloodborne virus and risk behaviour survey</td>
<td>DJ Vic, DCS Qld, JH NSW, DCS WA</td>
<td>$32,000</td>
<td>$24,000</td>
<td>$6,064</td>
</tr>
<tr>
<td>Research infrastructure funding (RPI) 2007</td>
<td>Curtin</td>
<td>$147,220</td>
<td>$147,220</td>
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<tr>
<td>PhD allocation 2007</td>
<td>Curtin</td>
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<td>$43,044</td>
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<tr>
<td></td>
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<td>$774,718</td>
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</tr>
</tbody>
</table>
## Summary of NDRI Funding in 2007

<table>
<thead>
<tr>
<th>Area of Funding</th>
<th>Grant Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core funding (AGDHA)</td>
<td>$2,744,660</td>
</tr>
<tr>
<td>National competitive grants</td>
<td>$698,062</td>
</tr>
<tr>
<td>State competitive grants</td>
<td>$170,181</td>
</tr>
<tr>
<td>Other grants</td>
<td>$491,173</td>
</tr>
<tr>
<td><strong>Total funding received</strong></td>
<td><strong>$4,104,075</strong></td>
</tr>
</tbody>
</table>

## Sources of Research Grants Received in 2007

<table>
<thead>
<tr>
<th>Funding Source</th>
<th>Grant Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol Education and Rehabilitation Foundation</td>
<td>$279,000</td>
</tr>
<tr>
<td>Australian Institute of Criminology</td>
<td>$9,758</td>
</tr>
<tr>
<td>Australian Government Dept of Health and Ageing</td>
<td>$2,877,980</td>
</tr>
<tr>
<td>Australian National Council on Drugs</td>
<td>$42,424</td>
</tr>
<tr>
<td>Curtin University of Technology</td>
<td>$190,264</td>
</tr>
<tr>
<td>Department of Corrective Services, Queensland</td>
<td>$8,000</td>
</tr>
<tr>
<td>Department of Corrective Services, Western Australia</td>
<td>$8,000</td>
</tr>
<tr>
<td>Drug and Alcohol Office, Western Australia</td>
<td>$50,000</td>
</tr>
<tr>
<td>Fairfield City Council</td>
<td>$9,091</td>
</tr>
<tr>
<td>Justice Health, New South Wales</td>
<td>$8,000</td>
</tr>
<tr>
<td>National Drug Law Enforcement Research Fund</td>
<td>$115,328</td>
</tr>
<tr>
<td>National Health and Medical Research Council</td>
<td>$261,310</td>
</tr>
<tr>
<td>Premier's Drug Prevention Council, Victoria</td>
<td>$62,711</td>
</tr>
<tr>
<td>Queensland Aboriginal &amp; Torres Strait Islander Health Service</td>
<td>$16,672</td>
</tr>
<tr>
<td>Turning Point</td>
<td>$12,029</td>
</tr>
<tr>
<td>Western Australian Health Department</td>
<td>$104,610</td>
</tr>
<tr>
<td>Western Australian Network of Alcohol and Drug Agencies</td>
<td>$48,899</td>
</tr>
<tr>
<td><strong>Total additional research grants received</strong></td>
<td><strong>$4,104,075</strong></td>
</tr>
</tbody>
</table>
Appendix 1
Full list of research projects

Key Priority 1: National monitoring of alcohol and other drug consumption patterns and related harms

NEW PROJECTS

Developing a national minimum dataset for prisoners' health
NDRI staff: Tony Butler
Funded by: AIHW

Nutritional information labelling for alcoholic beverages
NDRI staff: Tanya Chikritzhs
Project partners: Turning Point
Funded by:

Prevalence and cost of alcohol-caused hospital admissions in rural NSW
NDRI staff: Tanya Chikritzhs
Project partners: NDARC
Funded by: AERF

Re-analysis of the 2004 NDSHS drinking prevalence estimate
NDRI staff: Tanya Chikritzhs
Project partners: CARBC, University of Victoria, Canada; National Alcohol Research Centre, California, USA
Funded by: AGDHA

The range and magnitude of alcohol's harm to others
NDRI staff: Tanya Chikritzhs
Project partners: Turning Point Alcohol and Drug Centre
Funded by: AERF

ONGOING PROJECTS

Alcohol outlet density and related harm
NDRI staff: Paul Catalano, Tanya Chikritzhs
Project partners: WAHD, WAPS
Funded by: NDLERF

DUMA research into drug use and offending
NDRI Staff: Wendy Loxley
Project partners: AIC
Funded by: AIC

Ecstasy and Related Drugs Reporting System (EDRS)
NDRI staff: Jessica George, Simon Lenton
Project partners: NDARC
Funded by: AGDHA

GENACIS
NDRI staff: Tanya Chikritzhs
Project partners: Turning Point Alcohol & Drug Centre; Deakin University
Funded by: NHMRC

Illicit Drug Reporting System (IDRS)
NDRI staff: James Fetherston, Simon Lenton
Project partners: NDARC
Funded by: AGDHA

Monitoring of alcohol-related violence and crime in NSW
NDRI staff: Steve Allsop
Project partners: NSW BOCSAR; NSW Attorney General's Department Drug Programs Bureau; NSW Health
Funded by: NSW Health

National Alcohol Indicators Project (NAIP)
NDRI staff: Tanya Chikritzhs, Richard Pascal
Project partners: Turning Point
Funded by: AGDHA

Pouring practices of 65 - 74 year old current drinkers: Implications for drinking guidelines and estimates of risk (PhD project)
PhD student: Celia Wilkinson
PhD supervisors: Steve Allsop, Tanya Chikritzhs
Funded by: AERF, NDRI

COMPLETED PROJECTS

Evaluation of the reliability of the WAPS Information Management System mandatory alcohol field
NDRI Staff: Tanya Chikritzhs
Partners: WAPS

Indigenous National Alcohol Indicators Project (INAIP)
NDRI staff: Dennis Gray, Tanya Chikritzhs, Zaza Lyons, Richard Pascal,
Project partners: CSR, ECU; NIDAC
Funded by: NDS, AGDHA

Key Priority 2: Partnerships in the prevention of alcohol and other drug misuse among Indigenous Australians

NEW PROJECTS

Identifying areas of greatest need in Indigenous substance misuse intervention
NDRI staff: Dennis Gray, Anna Stearne
Funded by: National Indigenous Drug and Alcohol Committee

Indigenous alcohol and other drug misuse and harm service provision
NDRI staff: Dennis Gray, Anna Stearne
Funded by: WANADA

Review of the Aboriginal and Torres Strait Islander Community Controlled Alcohol and other Drugs Sector in Queensland
NDRI staff: Dennis Gray, Sherry Sagers; Ted Wilkes
Project partners: CSR, ECU
Funded by: Queensland Aboriginal and Islander Health Council

ONGOING PROJECTS

Beyond the big smoke - a clear vision for Aboriginal tobacco control
NDRI staff: Bruce Maycock, Peter Howat
Funded by: Australian Respiratory Council

Bibliographic database on Indigenous Australian alcohol and other drug use
NDRI staff: Dennis Gray, Sherry Sagers, Anna Stearne
Project partners: CSR, ECU
Funded by: AGDHA

Building Indigenous research workforce capacity
NDRI staff: Dennis Gray, Ed Garrison
Project partners: Aboriginal Alcohol and Drug Service
Funded by: AERF

Development of best practice guidelines for Indigenous residential alcohol and drug rehabilitation programs (Fellowship)
NDRI staff: Dennis Gray, Sherry Sagers
Project partners: Monziez School of Health Research; CSR, ECU
Funded by: NHMRC
Appendix 1
Full list of research projects

Development of Tangentyere Council Research Hub
NDRI staff: Dennis Gray, Sherry Saggers
Project partners: Tangentyere Council; CSR, ECU; Centre for Remote Health
(Flinders University & Charles Darwin University)
Funded by: AGDHA

Enhancing the management of alcohol-related problems among indigenous Australians
NDRI staff: Dennis Gray, Steve Allsop, Sherry Saggers, Ted Wilkes, Violet Bacon
Project partners: CSR, ECU; QUADREC
Funded by: AGDHA

Enhancement of the patrol monitoring and evaluation database
NDRI staff: Anna Stearne, Dennis Gray
Project partners: Tangentyere Council; Julalikari Council; Kununurra-Waringarri Aboriginal Corporation
Funded by: AERF

Evaluation of the ‘Makin Tracks’ 2 project
NDRI staff: Anna Stearne, Dennis Gray
Project partners: ADAC (SA)
Funded by: AGDHA

Evaluation of “youth led futures” partnership grants with Indigenous communities
NDRI staff: Sherry Saggers, Anna Stearne
Project partners: CSR, ECU
Funded by: Foundation for Young Australians

Indigenous alcohol and drug staff development initiative
NDRI Staff: Ed Garrison, Dennis Gray
Funded by: AERF, AGDHA

Loss and its consequences among town campers in Alice Springs: The role of alcohol and other drugs (PhD project)
PhD student: Jane Ulrik
PhD supervisor: Dennis Gray, Sherry Saggers
Funded by: NDRI scholarship

Not just scholars but leaders: Learning circles in Indigenous health research
NDRI staff: Dennis Gray
Project partners: Curtin University of Technology; TICHR; Menzies School of Health Research; CUCRH
Funded by: NHMRC

COMPLETED PROJECTS

Evaluation of the DASA outreach program
NDRI staff: Anna Stearne, Dennis Gray
Project partners: Drug and Alcohol Services Association, Alice Springs
Funded by: AERF

Key Priority 3: Prevention of the spread of blood-borne viruses and other harms among injecting drug users

NEW PROJECTS

2007 national prison entrants’ bloodborne virus and risk behaviour survey - WA component
NDRI staff: Tony Butler
Funded by: Part funded by DCS, WA

An investigation of pharmaceutical drug misuse and harms among drug treatment clients in Victoria, Tasmania, West Australia and Queensland
NDRI staff: Susan Carruthers
Project partners: Turning Point Alcohol and Drug Centre
Funded by: Ministerial Council on Drugs

Hepatitis C in magazines aimed at youth
NDRI staff: Susan Carruthers
Funded by: AGDHA

ONGOING PROJECTS

Future directions in the prevention of hepatitis C among injecting drug users: What are the needs of the using community?
NDRI staff: Susan Carruthers
Project partners: AIHL
Funded by: NDRI

Towards developing a model of care for injecting drug users in hepatitis C treatment: Assessing current services and identifying barriers to participation
NDRI staff: Susan Carruthers
Funded by: CSRGS

MY-Peer project
NDRI staff: Susan Carruthers
Funded by: Healthway

WA Prisoner Health Survey
NDRI staff: Tony Butler
Project partners: ECU
Funded by: ECU

Key Priority 4: The impact of legislative, regulatory and educational strategies to minimise alcohol and other drug-related harm

NEW PROJECTS

A longitudinal study of pharmacological smoking cessation aids efficacy in real-life settings
NDRI staff: Rob Donovan, Owen Carter
Funded by: NHMRC

A multi-component intervention for smoking cessation (NSW, QLD, WA)
NDRI staff: Tony Butler
Funded by: NHMRC

Cannabis Commission chapter on reforms at national and subnational levels
NDRI staff: Simon Lenton
Funded by: Beckley Foundation (UK)
Appendix 1
Full list of research projects (continued)

Development of the National Amphetamine-Type Strategy 2007-2009
NDRI staff: Steve Allsop, Simon Lenton
Project partners: AIC
Funded by: AGDHA

Effects of anti-smoking advertising, tobacco control policies on smoking behaviour
NDRI staff: Rob Donovan

Evaluation of the ‘Make Smoking History’ passive smoking campaign: Ghost Cigarette (Waves 17 and 18)
NDRI staff: Owen Carter, Geoffrey Jalleh, Rob Donovan

Multivariate analysis of Cannabis Infringement Notice data
NDRI staff: Simon Lenton, Tanya Chikritzhs
Funded by: NDRI

Book on prevention policy in relation to alcohol and other drugs
NDRI staff: Steve Allsop

That’s disgusting! Evaluation of a youth oriented tobacco control advertisement distributed via chain email
NDRI staff: Owen Carter, Rob Donovan
Funded by: Cancer Council of WA

Training of health staff for the implementation of the smoke free WA health system policy
NDRI staff: Steve Allsop, Richard Midford, Owen Carter
Funded by: HDWA

WA CIN scheme cannabis evaluation - phase 2 (sub-study 1, public attitude survey)
NDRI staff: Simon Lenton, Tanya Chikritzhs, James Fetherston
Funded by: DAO

WA CIN scheme cannabis evaluation - phase 2 (sub-study 2, regular users study)
NDRI staff: Simon Lenton, Tanya Chikritzhs, Tanya L’Veena, J Taubman
Funded by: NDRI

ONGOING PROJECTS

Assessment of the effectiveness of the regulation of alcohol in WA (WALL)
NDRI staff: Wendy Loxley, Tanya Chikritzhs, Steve Allsop, Richard Pascal
Funded by: HDWA

Evaluation of a best practice integrated intervention for regular methamphetamine users with co-morbid depression
NDRI staff: Steve Allsop
Project partners: Centre for Mental Health Studies, University of Newcastle; Faculty of Health Sciences, University of Queensland; NDARC
Funded by: BeyondBlue National Depression Initiative

Preventing and reducing alcohol-related harm in students
NDRI staff: Peter Howat, Bruce Maycock
Funded by: Healthway

Use of online forums by Australian party drug users: Making drug use safer or more dangerous? (PhD project)
PhD student: Monica Barrett
PhD supervisors: Simon Lenton and Matthew Allen (Curtin University)
Funded by: NDRI scholarship

WA CIN scheme cannabis evaluation - phase 2 (sub-study 7 - evaluation in schools)
NDRI staff: Simon Lenton, Tanya Chikritzhs
Funded by: DAO and NDRI

COMPLETED PROJECTS

Cancer Council alcohol policy
NDRI staff: Tanya Chikritzhs
Project partners: Cancer Council

Development of a drug research action plan
NDRI staff: Wendy Loxley, Zaza Lyons
Project partners: Centre for Adolescent Health, Murdoch Children’s Research Institute
Funded by: Premier’s Drug Prevention Council, Victoria

Review of restrictions on the sale and supply of alcohol in Australia and Western Australia
NDRI staff: Tanya Chikritzhs, Sherry Saggers, Dennis Gray, Zaza Lyons
Project partners: CSR, ECU
Funded by: AERF, HDWA

Key Priority 5: The development and evaluation of more effective school drug and education programs

NEW PROJECTS

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

COMPLETED PROJECTS

Editing special edition of Drug and Alcohol Review journal on school drug education
NDRI staff: Richard Midford

Key Priority 6: The development and evaluation of more effective community drug prevention programs

NEW PROJECTS

Develop key performance indicators for local governments in Australia: Achievements on drugs and alcohol action and community safety (KPI)
NDRI staff: Richard Midford, Steve Allsop, Tanya Chikritzhs, Rina Cercarelli
Funded by: National Local Government Drug and Alcohol Advisory Committee

Long term evaluation of Liquor Licensing Restrictions in Port Hedland
NDRI staff: Richard Midford
Funded by: Health Department of WA

People with mental health disorders and cognitive disability in the criminal justice system (ARC linkage project)
NDRI staff: Tony Butler
Project partners: UNSW
Funded by: Australian Research Council
Appendix 1
Full list of research projects (continued)

ONGOING PROJECTS

A case control study of lifestyle factors in the aetiology of ovarian cancer (PhD project)
PhD student: Dada Su
PhD supervisor: Colin Binns

Alcohol and drugs in the workplace project with South Australia
NDRI staff: Steve Allsop
Project partners: DASC (SA)
Funded by: DASC (SA)

Alcohol and smoking in breastfeeding (PhD project)
PhD student: Roslyn Giglia
PhD supervisor: Colin Binns
Funded by: AERF, AGOHA and NHMRC scholarship

Alcohol use during pregnancy: Formative intervention research
NDRI staff: Nyanda McBride, Susan Carruthers
Project partners: TICHR; NDARC

Dampier Peninsula prevention project
NDRI staff: Richard Midford
Funded by: AERF via Kimberley Community Drug Service Team

Interventions to reduce alcohol use during pregnancy: Systematic literature review
NDRI staff: Nyanda McBride

Kalgoorlie Alcohol Action Project (KAAP)
NDRI staff: Richard Midford, Fredrik Welander, Lianne Auld
Project partners: City of Kalgoorlie-Boulder
Funded by: AERF

Key Priority 7: Identifying fundamental, strategic and developmental research questions in the area of prevention of harmful drug use

NEW PROJECTS

Secondary analysis of the relationship between cannabis use, dependence, mental health and associated outcomes in the Victorian Adolescent Cohort study
NDRI staff: Steve Allsop
Project partners: NDARC
Funded by: NDARC

Young People, Alcohol & Other Drug Use at Large Events (PhD project)
PhD student: Tina Lam
PhD supervisor: Steve Allsop
Funded by: NDRI scholarship

ONGOING PROJECTS

Alcohol consumption, smoking and lifestyle characteristics for Japanese patients with chronic obstructive pulmonary disease (PhD project)
PhD student: Fumi Hirayama
PhD supervisor: Colin Binns
Funded by: NDRI scholarship

An evaluation of cannabis contamination and potency in Australia
NDRI staff: Steve Allsop
Project partners: NDARC, Chemistry Centre WA
Funded by: NDARC

Analysing alcohol advertising’s impact on recall of drinking experiences
NDRI staff: Rob Donovan
Funded by: Australian Research Council

Co-existing mental health and drug problems book
NDRI staff: Steve Allsop

Does moderate drinking prevent heart disease? A meta-analysis
NDRI staff: Tanya Chikritzhs
Project partners: University of California, San Francisco, USA; Alcohol Research Group, Berkeley, USA; CARBC, University of Victoria, Canada
Funded by: AERF

Medications and crash involvement for older drivers: A population based study
NDRI staff: Andy Lee
Funded by: Australian Transport Safety Bureau, Road Safety Research Grant

Methadone data-linkage project
NDRI staff: Tony Butler
Project partners: NDARC
Funded by: NHMRC

Reducing impulsive behaviour in repeat violent offenders using a selective serotonin reuptake inhibitor
NDRI staff: Tony Butler
Funded by: NSW Health

Review of alcohol and prostate cancer
NDRI staff: Tanya Chikritzhs
Project partners: Department of Social and Behavioural Science, University of California; CARBC, University of Victoria, Canada

Sexual Health & Attitudes of Australian Prisoners Survey (Queensland component)
NDRI staff: Tony Butler
Funded by: NHMRC

Tobacco capacity building scholarship
NDRI staff: Rob Donovan, Owen Carter
Funded by: Healthway

Web-based alcohol and tobacco intervention
NDRI staff: Peter Howat, Bruce Maycock
Funded by: Healthway

COMPLETED PROJECTS

A multi-site randomised controlled trial of the adolescent cannabis checkup
NDRI staff: Steve Allsop
Project partners: NDARC, NCETA
Funded by: NHMRC

The relationship between non-fatal overdose of pharmaceutical medications, suicidality and depression (PhD project)
PhD student: Penny Heale
PhD supervisor: Wendy Loxley
Funded by: NDRI scholarship
Appendix 1

Full list of research projects (continued)

Key Priority 8: Investigating the influence of structural determinants and the social contexts of drug use on the implementation of strategies designed to reduce and prevent harmful drug use

ONGOING PROJECTS

A multi-site investigation of the social meanings of alcohol misuse among young adults in recreational settings
NDRI staff: David Moore, Jeremy Northcote, Jocelyn Grace
Funded by: AERF

An examination of injection drug use sites in Vancouver: The influence of social and physical context on drug-related harm and public health interventions (PhD project)
PhD student: Will Small (enrolled University of British Columbia, Canada)
PhD supervisors: David Moore and Jean Shoveller, Mark Tyndall (University of BC)

Conceptualising varying patterns of drug use: Exploring drug users’ socially constructed conceptualisations of drug use in the search for an alternative discourse (PhD project)
PhD student: Laura Willis (enrolled Curtin)
PhD supervisors: Ali Marsh, Brian Bishop (Curtin School of Psychology) and David Moore

Improving understanding of psychostimulant-related harm in Australia: An integrated ethno-epidemiological approach
NDRI staff: David Moore
Project partners: Turning Point Alcohol and Drug Centre; National Centre in HIV Epidemiology and Clinical Research, UNSW; National Centre in Epidemiology and Population Health, Australian National University; Institute for International Research on Youth at Risk, National Development and Research Institutes, USA.
Funded by: NHMRC

Social, cultural and economic processes in illicit drug markets and their public health consequences (PhD project)
PhD student: Robyn Dwyer
PhD supervisors: David Moore and Andrew Dawson (University of Melbourne)
Funded by: NDRI scholarship

The ethno-epidemiology of party drug use and related harm in the Melbourne club/rave scene (PhD project)
PhD student: Christine Siokou
PhD supervisors: David Moore and Helen Lee (La Trobe University)
Funded by: NHMRC

The ethno-epidemiology of psychostimulant use and related harm amongst street-based injecting drug users in Sydney (PhD project)
PhD student: Susan Hudson (enrolled UNSW)
PhD supervisors: Lisa Maher (National Centre in HIV Epidemiology and Clinical Research, UNSW) and David Moore
Funded by: NHMRC

The ethno-epidemiology of recreational party drug use and related harm in Perth (PhD project)
PhD student: Rachael Green
PhD supervisors: David Moore and Lisa Maher (National Centre in HIV Epidemiology and Clinical Research, UNSW)
Funded by: NHMRC

The harm associated with concurrent alcohol and party drug use amongst young people: Risk environments and the implications for prevention (PhD project)
PhD student: Amy Pennay
PhD supervisor: David Moore and Simon Lenton
Funded by: AERF scholarship

Working with homeless people who use drugs
NDRI staff: Jeremy Northcote, Zaza Lyons
Project partners: St Bartholomew’s House, Perth
Funded by: ANCD

COMPLETED PROJECTS

An investigation of the links between social and economic disadvantage, alcohol consumption and related harm (alcohol and poverty study)
NDRI staff: Tanya Chikritzhs, Paul Catalano
Project partners: Turning Point; Deakin University
Funded by: AERF

A multi-site investigation of the social meanings of alcohol misuse among young adults in recreational settings
NDRI staff: David Moore
Project partners: Australian Drug Foundation; Turning Point
Funded by: AERF
### Appendix 2

**List of abbreviations**

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>ADAC (SA)</td>
<td>Aboriginal Drug and Alcohol Council (South Australia)</td>
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<tr>
<td>AERF</td>
<td>Alcohol Education and Rehabilitation Foundation</td>
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<tr>
<td>AGDHA</td>
<td>Australian Government Department of Health and Ageing</td>
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<tr>
<td>AIC</td>
<td>Australian Institute of Criminology</td>
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<tr>
<td>AVIL</td>
<td>Australian Intravenous League</td>
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<tr>
<td>ANCD</td>
<td>Australian National Council on Drugs</td>
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<tr>
<td>APSAD</td>
<td>Australasian Professional Society on Alcohol and Other Drugs</td>
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<tr>
<td>ATSIC</td>
<td>Aboriginal and Torres Strait Islander Commission</td>
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<tr>
<td>CABRC</td>
<td>Centre for Addictions Research of British Columbia</td>
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<tr>
<td>CSRGS</td>
<td>Curtin Strategic Research Grant Scheme</td>
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<tr>
<td>CSR, ECU</td>
<td>Centre for Social Research, Edith Cowan University</td>
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<tr>
<td>CUCRH</td>
<td>Combined Universities Centre for Rural Health</td>
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<tr>
<td>DASA</td>
<td>Drug and Alcohol Services Association</td>
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<tr>
<td>DASC</td>
<td>Drug and Alcohol Services Council of South Australia</td>
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<tr>
<td>DAO (WA)</td>
<td>Drug and Alcohol Office of Western Australia</td>
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<tr>
<td>DCPC, Victoria</td>
<td>Drugs and Crime Prevention Committee, Parliament of Victoria</td>
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<tr>
<td>DCS, Qld</td>
<td>Department of Corrective Services, Queensland</td>
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<tr>
<td>DCS, WA</td>
<td>Department of Corrective Services, Western Australia</td>
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<td>DJ VIC</td>
<td>Department of Justice, Victoria</td>
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<tr>
<td>ECU</td>
<td>Edith Cowan University</td>
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<td>JH, NSW</td>
<td>Justice Health, New South Wales</td>
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<td>KAAP</td>
<td>Kalgoorlie Alcohol Action Project</td>
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<tr>
<td>MHRIF</td>
<td>Medical and Health Research Infrastructure Fund</td>
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<td>(I)NAIP</td>
<td>(Indigenous) National Alcohol Indicators Project</td>
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<tr>
<td>NCETA</td>
<td>National Centre for Education and Training on Addiction</td>
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<td>NDARC</td>
<td>National Drug and Alcohol Research Centre</td>
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<td>NDLERF</td>
<td>National Drug Law Enforcement Research Fund</td>
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<td>NDR</td>
<td>National Drug Research Institute</td>
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<td>NDS</td>
<td>National Drug Strategy</td>
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<td>NHMRC</td>
<td>National Health and Medical Research Council</td>
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<td>NIDAC</td>
<td>National Indigenous Drug and Alcohol Committee</td>
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<td>NIRIS</td>
<td>New Independent Researcher Infrastructure Award</td>
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<tr>
<td>NSW BOCSAR</td>
<td>Bureau of Crime Statistics and Research, New South Wales</td>
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<tr>
<td>OCP</td>
<td>Office of Crime Prevention, Western Australian Police Service</td>
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<td>OCY</td>
<td>Office of Children and Youth, Department of Community Development</td>
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<td>PDPC, Victoria</td>
<td>Premier’s Drug Prevention Council, Victoria</td>
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<td>QAIC</td>
<td>Queensland Aboriginal and Islander Health Council</td>
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<td>QUADREC</td>
<td>Queensland Alcohol and Drug Research and Education Centre</td>
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<td>RPI</td>
<td>Research Performance Index</td>
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<td>TICHR</td>
<td>Telethon Institute of Child Health Research</td>
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<td>WAHD</td>
<td>Western Australian Health Department</td>
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<td>WANADA</td>
<td>WA Network of Alcohol and other Drug Agencies</td>
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<td>WAPS</td>
<td>Western Australian Police Service</td>
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<tr>
<td>WHO</td>
<td>World Health Organization</td>
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