

N D A R C T U R N S 3 0



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The National Drug and Alcohol Research Centre at UNSW Sydney is supported by funding from the Australian Government under the Substance Misuse Prevention and Service Improvements Grants Fund.

ABOUT THE CENTRE

OFFICE OF THE DIRECTOR

The Office of the Director is the major decision-making body within NDARC. This group convenes weekly to facilitate effective management of the Centre, as well as making executive decisions on strategic research directions, and other relevant matters.

Office of the Director members:

Director

Professor Michael Farrell

Deputy Directors

Professor Alison Ritter

Professor Anthony Shakeshaft

Centre Operations Manager

Ms Karen Hill To August 25th 2017

Ms Swati Srivastava (Acting)

Media Communications Manager

Ms Marion Downey

STRATEGIC ADVISORY COMMITTEE

The Strategic Advisory Committee is a group of senior academic staff whose function is to provide strategic advice to the Office of the Director, relating to research directions. The Committee was formed in June 2012 and meets monthly.

Professor Michael Farrell

Associate Professor Lucinda Burns

Professor Shane Darke

Professor Louisa Degenhardt

Associate Professor Timothy Dobbins

Professor Kate Dolan

Ms Marion Downey

Ms Karen Hill

Professor Richard Mattick

Associate Professor Kath Mills

Associate Professor Nicola Newton

Professor Alison Ritter

Professor Anthony Shakeshaft

Ms Swati Srivastava

Associate Professor Tim Slade

Professor Maree Teesson

NDARC ADVISORY BOARD 2017

The NDARC Advisory Board meets quarterly. In 2017 the Members of the NDARC Advisory Board were:

Mr Bob Mansfield

AO, FCPA

Chair of NDARC Advisory Board
Director, Investec Bank (Australia) Limited

Professor Michael Farrell

MB, BCh, BAO, LRCP&SI

Honours in Medicine, FRCP, FRC Psych
Director, National Drug and Alcohol Research Centre, UNSW Medicine

Dr Don Weatherburn

BA (Hons), PhD, PSM FASSA Director,
NSW Bureau of Crime Statistics and Research

Professor Mel Miller

BA (Hons) Psychology, MAppPsych,
PhD Director, Siggins Miller

Professor Nicholas Fisk

Deputy Vice Chancellor (Research),
University of New South Wales

Dr Mark Ainsworth

Associate Dean (Strategy),
UNSW Medicine

CHAIRMAN'S REPORT

Mr Bob Mansfield AO

Chairman, NDARC Advisory Board



I was deeply honoured in 2017 to participate in NDARC's 30th anniversary celebrations. The Centre's two-day symposium and its 30th anniversary magazine, with the theme Changing the Game, was an opportunity to reflect on the just how far NDARC had come since it was created by the National Campaign against Drug Abuse to provide much needed evidence-based policy and clinical advice to governments and health care providers in the midst of a growing heroin crisis which was claiming the lives of young people.

But while celebrating achievements of the past is extremely important, I am acutely aware that effectiveness and survival requires planning for the future. While we applaud the efforts of the senior academic team in leading and developing the research response to the challenges posed by substance misuse a crucial role of the Centre is to nurture the next generation of researchers who will lead new and different responses to issues which may not even have emerged yet.

The Global Burden of Disease Project, of which Professor Louisa Degenhardt is a member of the Core Analytic team, found that Australia and the US are the only two high income countries where drug and alcohol use disorders were the top 10 causes of disability. So clearly the challenge ahead is till immense.

The report includes profiles of Gen Next – the early and mid-career researchers who will help bring NDARC to its next stage. And fittingly those researchers who we are proud to have grown and develop have not all stayed at NDARC – some are working in government and helping to embed research into policy at the coalface. Others have moved to other academic institutions and other departments at UNSW allowing us to further extend our collaborations and partnerships.

“NDARC has made a significant contribution to, the priorities of the UNSW 2025 Strategic Plan: Academic Excellence; Social Engagement; Global Impact; Enablers.”

Furthering our collaborations at UNSW is an important goal as the Centre has been a part of the university since its inception. UNSW is currently in its third year of an ambitious 10-year strategy which aims to make UNSW a top 50 global university by the year 2025.

UNSW Vice Chancellor Professor Ian Jacobs recently released a two-year progress report detailing UNSW's achievements to date towards achieving the 2025 goals.

I am proud that NDARC has made a significant contribution to, and alignment with, the priorities of the strategy: Academic Excellence; Social Engagement; Global Impact; Enablers.

No can dispute the academic excellence which defines NDARC. Over the past five years there have

been more than 50,000 citations of NDARC published research. The UNSW Scientia initiatives have been introduced to develop the rising stars of research as well as continue to support the highest achievers. Four of the highly competitive Scientia Fellowships have been awarded to NDARC academics along with three Scientia PhD Scholarships.

As well NDARC is one of 14 partners in The Sydney Partnership for Health, Education, Research and Enterprise (SPHERE). This is a collaboration between leading experts in health, research and education sectors that aims to develop new and innovative ways to deliver better healthcare for communities in NSW, and which was launched by Professor Jacobs earlier this year.

As well NDARC Director Michael Farrell is an inaugural Fellow of the PLuS (Phoenix London Sydney) Alliance, a research network between UNSW, King's College London and Arizona State University determined to work together to help solve global challenges.

With 46 collaborating institutions worldwide and 83 in Australia the Centre's commitment to national and internal collaboration is undisputed. Social engagement and social justice are also central to the University's vision for the future. With its commitment to improving the lives of some of the most marginalised and stigmatised communities in Australia and internationally NDARC plays a crucial role in the university's wider commitment to social justice.

I commend NDARC's achievements over the past year and would like to thank Michael Farrell and his staff for their continued hard work and commitment to excellence.

A handwritten signature in black ink that reads "R. Mansfield". The signature is written in a cursive style with a large, stylized 'R' and a long horizontal line extending from the end.

DIRECTOR'S REPORT

Professor Michael Farrell

In 2017, NDARC celebrated thirty years of research activity. The support we have received from UNSW Sydney and our Federal Government has been critical to ensuring that we develop and produce work of a practical and translational nature.

A new national drug strategy was released in 2017 to provide direction within the sector for the next ten years. The challenge of making a real difference to individuals, families and community lies at the heart of our efforts to plan into the future.

NDARC's leadership within the Global Burden of Disease project provides important information for health planners to ensure proper investment for both prevention and treatment of alcohol and other drug problems. Along with this, our work on Drug Trends is important at a national level and provides a clear picture of developing patterns in drug usage and harms and creates opportunities for innovative responses to emerging problems.

It is important that we continue to consider prevention in its broadest perspective to ensure that the policy component of prevention and harm reduction is clearly understood. Australia has a proud tradition in harm reduction. A full understanding of harm reduction interventions includes exploration of potentially controversial new interventions. While NDARC does not advocate on behalf of such interventions, it is my view that we play an important role in being 'honest brokers' in the assessment and evaluation of such work. It is within that spirit that we have involved ourselves in work on tobacco cessation with cytisine and e-cigarettes and have assessed the evidence for medicinal cannabis to support the development of clinical guidelines for our Federal and State Governments.

New technologies are providing options for new treatments ranging from the use of internet-based interventions to evaluating new formulations of existing medications. We have commenced work to evaluate the impact of the new depot buprenorphine and hope that we see a range of studies of novel treatments in the drug and alcohol field.

NDARC is looking forward to an exciting decade of innovation and translation in all aspects of research community collaborations to develop new and exciting responses to the huge challenge of addictions. This will involve a range of projects investigating new methods of embedded evaluation and innovative models of service.

“The challenge of making a real difference to individuals, families and community lies at the heart of what we do.”

The recent funding of the Centre of Excellence for the Clinical Management of Emerging Drugs of Concern has started with a consortium partnership with St Vincent's Australia, National Drug Research Institute and the National Centre for Education and Training. This exciting Centre is led by Associate Professor Nadine Ezard and will develop a National Clinical Research Network to foster clinically focussed research capacity.

As the Medical Research Futures Fund announces increased resources for future medical research, we are confident that the focus on translational work and on the evaluation of services will be an important part of our future work



In addition, NDARC and the Kirby Institute were jointly awarded a \$9.1 million NHMRC program grant to conduct research on improving the lives of people with problematic drug use through better management and treatment of hepatitis C. The program grant will be led by Kirby Institute Professors Greg Dore and Andrew Lloyd and at NDARC by Professors Louisa Degenhardt and Michael Farrell.

This annual report reflects the exciting breadth and depth of research and translation by NDARC staff. I would like to thank all our past and future supporters for their invaluable input to our work at NDARC.

A handwritten signature in black ink that reads "Michael Farrell". The signature is written in a cursive, flowing style.

2017 AT A GLANCE

2017



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**NDARC LECTURES
WORKSHOPS &
SEMINARS
IN 2017**

► PAGE 93

84

**CURRENT
NDARC
PROJECTS
IN 2017**

► PAGE 25



4,138

**NDARC
MEDIA
MENTIONS
IN 2017**



29

**✓
COMPLETED
NDARC
PROJECTS
IN 2017**

► PAGE 44



\$16.3m
FOR EXTERNAL
RESEARCH
FUNDING IN 2017

► PAGE 63

31% ▲
INCREASE
AS COMPARED
TO 2016



250
NDARC
PUBLICATIONS
IN 2017

► PAGE 68

205
CONFERENCE
PRESENTATIONS
IN 2017

► PAGE 83

NDARC SYMPOSIUM

CELEBRATING 30 YEARS OF DRUG AND ALCOHOL RESEARCH

NDARC celebrated its 30 year anniversary with a two-day Symposium, *Changing the Game: 30 Years of Drug and Alcohol Research* held at the John Niland Scientia Centre UNSW on 3 and 4 October 2017.

A record number of 293 delegates attended the Symposium and enjoyed presentations from NDARC staff and notable international keynote speakers including:

- Professor Sir John Strang, Director of the National Addictions Centre, London UK
- Professor Patricia Conrod, Professor of Psychiatry at the Universite de Montreal
- Mr Paul Griffiths, Scientific Director of the European Monitoring Centre for Drugs and Drug Addiction (EMCDDA)
- Professor Beau Kilmer, Senior Policy Researcher, Rand Corporation, California.

Following a welcome by Centre Director Professor Michael Farrell and an opening address by Professor Anthony Kelleher, Acting Dean of the Faculty of Medicine, four of NDARC's senior research leaders reflected on the impact of 30 years of research at the Centre and future challenges in a session titled *Game Changers: The early years of drug and alcohol research and how they set the scene for today's research*.

NDARC's first acting director opens the Game Changers session

Professor Ian Webster, a member of NDARC's founding team and its first Acting Director, introduced the session which featured Professor Maree Teesson, Professor Louisa Degenhardt, Professor Richard Mattick and Professor Alison Ritter. Professor Mattick who joined the Centre in 1986 and served as its director from 2001 to 2008 during a period of exceptional growth, gave a talk on treatment research and how it informed practice. NDARC grew out of the heroin crisis of the 1980s when there was limited

evidence on treatment and the debate was highly polarised. Administrators and clinicians were in urgent need of guidelines and evidence. NDARC produced that evidence in spades through publications and research projects such as *Key Issues in Methadone Maintenance Treatment* and the National Evaluation of Pharmacotherapies for Opioid Dependence (NEPOD). Treatment research at the Centre continues today through projects led by Dr Briony Laranee, Professor Louisa Degenhardt, Dr Suzanne Nielsen, Professor Maree Teesson and Associate Professor Katherine Mills among others, all of which are detailed in the pages of this report. All of the presentations from this fascinating session which covered past and present directions in prevention, epidemiology and policy are available on our website. Please hyperlink: <https://ndarc.med.unsw.edu.au/content/2017-ndarc-annual-research-symposium>.

The Symposium was an intense two days with 38 presentations in both plenary and breakout sessions covering current harms and treatment; prevention and early intervention; issues in cannabis use and treatment; smoking intervention trials; and current innovations including the study of oral lisdexamfetamine in adults with methamphetamine dependence. In two sessions from the Drug Trends team we were fortunate to have Paul Griffiths from EMCDDA talk about trends in Europe, and Joanne Gerstne-Stevens from the Victoria Police Forensic Services Department who gave a first hand account of the changes being observed in illicit tablets.

“NDARC grew out of the heroin crisis of the 1980s when there was limited evidence on treatment”



NDARC staff and friends enjoying our 30th Anniversary Party

30



The NDARC two day symposium was the focal point of our 30th anniversary commemoration

“A record number of 293 delegates attended the Symposium”



Professor Shane Darke with delegates at the Symposium



NDARC Director Michael Farrell and Chair Bob Mansfield cut the anniversary cake with Centre staff

Friends old and new joined us for our 30th party

It was a demanding couple of days that expected much of our speakers and delegates. In the evening we all let our hair down to celebrate with a 30 year party and launch of a special Anniversary Magazine. The magazine detailed the social and political climate of the past 30 years in relation to trends in drug and alcohol. It outlined how the Centre responded with research and evidence making a lasting impact, while recognising that in such a rapidly changing field there is much to do.

Friends and supporters from the early days of NDARC, current staff and funders from the Australian Government Department of Health joined us on this momentous occasion with Professor Alison Ritter as MC and Professor Nicholas Fisk representing the University. The magazine can be found on our website. Hyperlink website: <https://ndarc.med.unsw.edu.au/resource/changing-game-30-years-drug-and-alcohol-research>.

“Administrators and clinicians were in urgent need of guidelines and evidence. NDARC produced that evidence in *spades*”

PROFESSOR WAYNE HALL

FESTSCHRIFT

Celebrating the
academic career of
Professor Wayne Hall

Our two day celebrations culminated with a Festschrift jointly sponsored by "<https://www.habs.uq.edu.au/article/2017/12/www.unsw.edu.au>" NDARC and "<http://www.uq.edu.au>" The University of Queensland to celebrate the academic career of "<https://cysar.health.uq.edu.au/profile/6/professor-wayne-hall>" Professor Wayne Hall, who was NDARC's Director from 1994-2001.

Major national and international figures in the addictions field, and past and present students, colleagues and collaborators attended the event to pay tribute to Professor Hall, one of the world's most highly cited social scientists.

Professor Hall moved to the University of Queensland in 2002 and in 2014 became Director of Hyperlink Centre for Youth Substance Abuse Research: <https://cysar.health.uq.edu.au> UQ's Centre for Youth Substance Abuse Research (CYSAR). He has continued to collaborate and publish with NDARC researchers, in particular Professor Louisa Degenhardt.

Speakers at the event included: Professor Sir John Strang (National Addiction Centre and Institute of Psychiatry, King's College London), Professor Beau Kilmer (RAND Corporation, Santa Monica, California) and Paul Griffiths (EMCDDA, Lisbon).

From UNSW: Professor Michael Farrell, Professor Richard Mattick and Professor Louisa Degenhardt (NDARC) and Professor Lisa Maher (Kirby Institute).

From University of Queensland: Professor Jason Connor (CYSAR).

More details of the Festschrift can be found on the University of Queensland website: "<http://www.habs.uq.edu.au/article/2017/12/game-changer-addiction-expert-honoured-30-year-career>" website.



“Professor Hall is one of
the world’s most highly cited
social scientists.”

Left to right: Professor Wayne Hall, Mrs Patricia Hall
and Professor Michael Farrell



MEDIA AND COMMUNICATIONS

The Media and Communications team is responsible for an overarching communications strategy that promotes the public profile of NDARC and disseminates the results of our key research outcomes to a wide range of audiences. The team runs a highly successful media program which translates the Centre's research to a wider national and international audience via carefully timed media releases and the provision of expert commentary on issues of the day. Our digital communications strategy includes the NDARC website, a Twitter account (@NDARC NEWS) news and Facebook page (@ndarcunsw). The Department produces the Annual Report and works with the UNSW media department to ensure maximum cross promotion of NDARC news with the UNSW Medicine and UNSW Sydney.

A key focus for 2017 was NDARC's 30th Anniversary celebrations which included a two-day Annual Symposium, which for the second year running incorporated the Drug Trends conference and a 30th anniversary magazine Changing the Game: 30 Years of Drug and Alcohol Research. The NDARC Symposium is an important annual dissemination tool for staff is to present the results and implications of key research to the drug and alcohol sector, senior policy makers, State and Federal government departments and NGOs. We also publish the bi monthly newsletter Drug and Alcohol Research Connections with the two other National Centres: the National Drug Research Institute in Perth and the National Centre for Research and Training on Addiction in Adelaide.

Press releases issued included Richard Mattick's findings on the sixth wave of the parental supply of alcohol study; Shane Darke's research finding of a doubling of methamphetamine related deaths since 2009 in Australia; Amanda Roxburgh's work on the increase in opioid related deaths predominantly driven by prescription opioids, and Dr Julia Lappin's work on the increase in stroke related deaths among young men attributable to their methamphetamine use. These stories attracted national and international attention including the Australian, The Sydney Morning herald, the ABC and the Washington Post. Symposium media releases included the findings of the Ecstasy and Related Drugs Reporting System (EDRS) and the Illicit Drug Reporting System (IDRS) and the results of the Young Australians Alcohol Reporting System (YAARS), which found that although fewer teens are drinking those who are drinking are consuming a median of 13 drinks in a single session. Proactive media leads to a high demand for NDARC to comment on the issue of the day. In the latter half of the year we saw a continued switch in focus of media interest away from methamphetamine, that had dominated the media agenda in 2016, towards prescription opioid related harms including oxycodone, fentanyl and codeine.

The Department hosts external visits which in 2017 included a visit by the Indonesian Ministry of Health, and Risa Hontiveros and Gari Lazaro from the Republic of the Philippines.

4,138
NDARC
MEDIA
MENTIONS
IN 2017

2,251 MEDIA
MENTIONS ACROSS
PRINT, RADIO
AND TELEVISION
1,887 ONLINE
MEDIA MENTIONS



ONLINE MEDIA COVERAGE BY LOCATION 2017

- 1406** online mentions in Australia
- 252** online mentions in the United States
- 65** online mentions in the United Kingdom
- 48** online mentions in New Zealand
- 30** online mentions in the Czech Republic

SOCIAL MEDIA 2017

- 305** NDARC tweets in 2017
- 398** New Twitter followers in 2017
- 136** NDARC Facebook posts in 2017
- 197** New Facebook likes in 2017

ONLINE MEDIA COVERAGE BY DRUG TYPE 2017

- 1,835** Alcohol stories
- 775** Pharmaceutical opioid/heroin stories
- 633** Methamphetamine stories
- 249** Ecstasy/psychostimulant stories
- 316** cannabis stories

Parents' booze supply backfires in binges

ROSE BRENNAN

PARENTS who buy alcohol for their teenagers in the hope of curbing their drinking are doing more harm than good.

The National Drug and Alcohol Research Centre (NDARC) revealed in its annual Symposium that the "protection" of parental

period has found parents who may think they're helping their offspring by supplying them with booze and supervising consumption, are putting them at greater risk of binge drinking.

Data to be presented today at the annual Symposium revealed that the "protection" of parental

supply" is gone by 17 or 18. At around age, children who re-

drinking but not with drinking to excess," researcher

Prescriptions to death

PRESCRIPTION opioids are killing more middle-aged Australians than heroin, with a substantial increase in the rate of accidental opioid-related overdoses in the past 10 years.

A report from the National Drug and Alcohol Research Centre reveals the rate of acci-

of the deaths were due to strong prescription painkillers.

Amanda Roxburgh, the report's lead author, said opioid related deaths for 45 to 54 year olds were higher than the 2001 heroin epidemic's peak. "The

old related deaths we are seeing today are showing very

Don't buy your kids booze

ROSE BRENNAN

PARENTS who buy alcohol for their teenagers in the hope of curbing their drinking are doing more harm than good.

A study of 2000 Australian children aged 12 to 17

period has found parents who may think they're helping their offspring by supplying them with booze and supervising consumption, are putting them at greater risk of binge drinking.

Data to be presented today at the annual Symposium revealed that the "protection" of parental

supply" is gone by 17 or 18. At around age, children who re-

drinking but not with drinking to excess," researcher

Ice scourge: death toll has doubled

Kate Aibusson

The death toll for methamphetamines doubled in Australia between 2009 and 2015, with heart disease and violent suicides among the lead-

Suicide accounted for just under one fifth of all methamphetamine-related deaths (18 per cent), said Professor Darke, who tracked through police records, family state-

and forensic

considering links to methamphetamine use and murder were noticeably difficult to report.

For every one methamphetamine-related death, the average years of potential life lost was 44 years.

The mean age of people who died of methamphetamine-related deaths was 36.9, and 78.4 per cent were male.

"To see such large and significant increases in mortality rates over the study period indicate a major methamphetamine problem," Professor Darke said. "Without increased awareness of the connection between methamphetamine use and cardiac and/or cardiovascular disease we could expect to see a significant increase in cases of this kind in the coming years," he said.

Clinical director at St Vincent Hospitals Alcohol and Drug Services Associate Professor Nadine Beaud said she was not convinced methamphetamine deaths alone were a major public health issue.

The number of deaths from accidental toxicity of methamphetamine was only 18 of the total 1648. Dr

Addiction Major public health problem flagged

Meth death toll doubles in six years

Kate Aibusson
Health editor

The death toll for methamphetamines has doubled in Australia between 2009 and 2015, according to research revealing a staggering

stances, Professor Darke said. Suicide accounted for just under one fifth of all methamphetamine

IN BRIEF

Meth stroke risk in younger adults

METHAMPHETAMINE makes young people almost five times as likely to have a stroke caused by a bleed in the brain.

Esther Han
Health

More Australians are dying from accidental opioid overdoses each year, with prescription painkillers rather than heroin now accounting for two-thirds of the fatalities, latest Australian Bureau of Statis-

tics revealed. But in a few months, hooked, they could start shovelling up to 90 tablets a day. There's good research showing there's been a four-fold increase in

structions to take two tablets a day for a couple of weeks. But in a few months, hooked, they could start shovelling up to 90 tablets a day. There's good research showing there's been a four-fold increase in

cause they mistakenly thought the withdrawal symptoms were the pain they were trying to mask. According to the ABS figures, the largest proportion of deaths occurred among the 35- to 44-year

AWARDS AND PROMOTIONS

NHMRC Research Fellowships

Louisa Degenhardt

(Senior Principal Research Fellowship Commences 2018)

Alison Ritter

(Senior Research Fellowship)

Katherine Mills

Sarah Larney

NHMRC Career Development Fellowship (commences 2018)

Katrina Champion

NHMRC Early Career Fellowship

NHMRC TRIP (Translating Research into Practice) Fellowships

Suzanne Nielsen

Lexine Ann Stapinski

Australian Academy of Health and Medical Sciences Fellow

Louisa Degenhardt

UNSW Scientia Fellowships

Louisa Degenhardt

UNSW Scientia Professorship (commenced 2017)

Kari Lancaster

Scientia Fellow.

Note: The fellowship commences 2018 at Centre for Social Research in Health (CSRH) Note while the fellowship was awarded at NDARC Dr Lancaster left NDARC on 13 November 2017.

Sarah Larney

(commences 2018)

Louise Mewton

(commences 2018)

UNSW Scientia PhD Scholarships

Siobhan Lawler

(commenced 2017)

Samantha Colledge

(commences 2018)

Briana Lees

(commences 2018)

UNSW Vice-Chancellor's Post-Doctoral Fellowship

Louise Shoesmith (nee Thornton)

Amy Kathleen Peacock

Australian Institute of Policy and Science, Young Tall Poppy Science Award, 2017

Louise Mewton

Emma Barrett

UNSW Apte Scholarship

Emma Barrett

ARH Royce Abbey Post-Doctoral Fellowship

Janette Louise Smith

ARH Postdoctoral Fellowship

Louise Mewton

ARH PhD Scholarship

Ivana Kihlas

Society for Mental Health Research Early Career Research Fellowship:

Gabrielle Szytkiel

NSW Health Early Mid-Career Fellowship

Emma Barrett

NDARC Awards 2017

Louise Shoesmith (nee Thornton):

Margaret Hamilton Award

Sarah Larney: Ian Webster Award

Amanda Roxburgh: Jen McLaren Award

Society of Mental Health Research Rising Star Award 2017

Matthew Sunderland

Early Career Researcher Award, Australasian Professional Society of Alcohol and other Drugs (2017)

Briony Larance

Australian Drug Foundation Excellence and Innovation in Research

Christina Marel

TRAVEL GRANTS

Rebecca Bosworth

2017 Australasian HIV and AIDS Conference Scholarship, Canberra, 6-8 November 2017

Katrina Champion

Ian Potter Foundation Travel Grant to attend the College on Problems of Drug Dependence 79th Annual Scientific Meeting, Montreal, Canada, 17-22 June, 2017

Vivienne Moxham-Hall

Doctoral Student Travel Scholarship from the International Society for the Study of Drug Policy (ISSDP)

Emily Stockings

Society for Research on Nicotine and Tobacco (SRNT) 2017

International Travel Award for Best Voted Abstract (USD\$1500 to attend International Meeting in Florence, Italy).

KEY RESEARCH AREAS

BIostatISTICS GROUP

Associate Professor Timothy Dobbins

The NDARC biostatistics group, led by Timothy Dobbins, is a group of biostatisticians who work across NDARC on a variety of projects. The core mission of the biostatistics group is to provide support and advice on the statistical design, analysis and communication of results for projects conducted at the centre. In 2017, the work of providing statistical support to NDARC was conducted primarily by Philip Clare as Timothy was on extended leave. The other members of the group, Chrianna Bharat (World Mental Health Surveys' Substance Use Disorder Workgroup) and Marius Mather (NHMRC Centre of Research Excellence in Mental Health and Substance Use) are funded through their respective research programs.

Members of the biostatistics group were investigators on several successful grant applications in 2017. Timothy is a Chief Investigator on the NHMRC funded **POPPY** study (2018-21). (see Professor Degenhardt's report p15).

Timothy is also a Co-Investigator on an National Institutes of Health funded (2017-2020) population study of **Safety and Adverse Events in the Treatment of Opioid Dependence**: *"Using existing data to understand and ameliorate risk in opioid agonist therapy"*. While opioid agonist therapy is an effective treatment for opioid use disorder, including prescription opioid use disorder, important questions about safety and risks during treatment remain unanswered. This study will examine risk and protective factors for death, hospitalisation, and unplanned treatment cessation during and after opioid agonist therapy.

The biostatistics group had input into many publications produced at NDARC in 2017, with two in particular being accepted by high-impact international journals. Philip's work with Professor Richard Mattick and Alex Aiken analysing data from the **Australian Parental Supply of Alcohol Longitudinal Study** investigated

associations between parental and other (non-parental) supply of alcohol with subsequent drinking outcomes over a 6-year period of adolescence. Results from this analysis will appear in *Lancet Public Health* in 2018. Timothy assessed the impact of the introduction of an "abuse-deterrent" (or "tamper-resistant") formulation of OxyContin® tablet in April 2014 using interrupted time series analyses on routinely collected data from **The National Opioid Medications Abuse Deterrence study**.

"The biostatistics group supports and advises on the statistical design, analysis and communication of results of NDARC projects."

Philip continued his methodological work for his PhD thesis: *"Issues in mediation analysis and applications to drug and alcohol research"*. In 2017, Philip presented his work at the Young Statisticians Conference 2017, Gold Coast, Australia and at the Annual Conference of the International Society for Clinical Biostatistics 2017, Vigo, Spain.

As biostatistician to the **World Mental Health Surveys' Substance Use Disorder Workgroup**, Chrianna has spent the past year on a variety of analyses involved in better understanding factors associated with the life-course of, and receipt of treatment for, alcohol and illicit drug use disorders. Chrianna presented at the 2017 International Biometric Society 'Biometrics by the Border' conference on work related to *"The impact of*



cohort substance use upon likelihood of transitioning through stages of alcohol and cannabis use and use disorder in Australia".

Marius Mather joined NDARC in early 2017 to provide statistical support to the NHMRC Centre of Research Excellence in Mental Health and Substance Use (CREMS). Specifically, Marius works within the prevention stream of CREMS.

We continued to collaborate with other research centres at UNSW and beyond. Timothy contributed to a number of projects conducted with the Centre for Big Data Research in Health, and continued collaborating with researchers at Royal Prince Alfred Hospital on projects addressing alcohol use through Aboriginal community controlled primary health care services. Timothy continued his role as a member of the NSW Population and Health Services Research Ethics Committee, using his unique experience in analysing linked data to provide scientific and ethical review of projects using or linking to routinely collected data. Timothy built capacity in the field of analysing linked health data by teaching on workshops for Introductory (University of Sydney) and Advanced Analysis of Linked Health Data (UNSW). In 2017, Timothy was appointed as a Deputy Statistics and Methodology Editor for the UK-based journal, *Addiction*.

MORTALITY AND MORBIDITY

Professor Shane Darke

Chief Investigator



In 2017 Professor Shane Darke continued his program of research work on morbidity and mortality associated with illicit drug use. Major papers were published in *Addiction*, *Drug and Alcohol Dependence*, *Drug and Alcohol Review*, *Journal of Neurology, Neurosurgery, and Psychiatry*, *Journal of Forensic Sciences*, *Journal of Legal & Forensic Medicine*, and the *Journal of Applied Social Psychology*.

This body of work has been conducted in collaboration with Professor Johan Dufou of the University of Sydney, Dr Sharlene Kaye of NSW Justice Health, Dr Julia Lappin of the School of Psychiatry, UNSW, Dr Gabriele Campbell of NDARC and the European Monitoring Centre for Drugs and Drug Addiction (EMCDDA).

The major focus of 2017 was methamphetamine-related death, a study conducted in conjunction with Professor Dufou, Dr Lappin and Dr Kaye. This Australia-wide study of all methamphetamine-related death for the years 2009-2015 was the first national study of methamphetamine-related death from any country, and has added significantly to our knowledge of methamphetamine. Papers from the study were published on the epidemiology of methamphetamine-related death, methamphetamine-related cardiovascular pathology, methamphetamine-induced stroke, methamphetamine-related suicide and death due to methamphetamine toxicity. In addition to publications, the

work was covered extensively by TV, radio and newspapers, both in Australia and internationally, and was presented by Professor Darke at major venues in Australia, Canada and Europe.

Two new studies arose from the work on methamphetamine-related death. One is the first systemic review of methamphetamine-related stroke amongst young people, conducted with Dr Julia Lappin and Professor Michael Farrell and published in the highly influential *Journal of Neurology, Neurosurgery, and Psychiatry*. The second is a study of the role of psychostimulants in fatal stroke amongst young people was commenced, being conducted with Dr Lappin and Professor Dufou. The

“Our study is examining the role of methamphetamine in every fatal case of stroke from 2009-2006.”

study is examining every case of fatal stroke that occurred in Australia over the period 2009-2016, and the role of psychostimulant in such deaths.

In 2017 Shane started work on an ambitious and important project: writing a book on the major medical consequences of illicit drug use, in collaboration with Dr Lappin and Professor Farrell. The aim is to provide a comprehensive, authoritative examination of the major medical harms of illicit drug use. We hope the final work will form a valuable resource for clinicians, researchers and the general public. The work will cover the key medical conditions relating to each of the major illicit drug classes: psychostimulants, opioids, cannabis, hallucinogens, and novel psychoactive

substances, as well as examine the conditions associated with injecting drug use.

Work on opioid use trajectories continued. A major paper on trajectories of heroin use from the Australian Treatment Outcome Study (ATOS) cohort of heroin users was published in *Addiction*. In addition, a theoretical paper on the clinical issues relating to developmental trajectories to heroin dependence was published in the *Journal of Applied Social Psychology*. The first systematic review of measurement of treatment outcomes for heroin dependence was published in *Drug and Alcohol Dependence*, work conducted in collaboration with EMCDDA.

Gabrielle Campbell, in collaboration with Professor Darke, started a new study on chronic pain and completed suicide. The study is examining all completed suicide cases in Australia, to determine what proportion were related to chronic pain and the characteristics of case, toxicology and the circumstances of death. The work follows from earlier groundbreaking work by Dr Campbell on chronic pain as part of the Pain and Opioids in Treatment (POINT) study and is the first such study to be conducted in the world. The study will have major clinical implications for the management of chronic pain.

As part of NDARC's ongoing commitment to providing professional development opportunities for staff, Professor Darke continued to co-ordinate the NDARC Seminar Series, a key part of the Centre's academic life. The Series includes external speakers and NDARC staff who are given the opportunity to present their work. It provides valuable ongoing continuous education and training for NDARC staff.

During 2017, Professor Darke continued his work as Regional Editor for Australasia and Southeast Asia for *Addiction*, the leading international journal in the field, and as an Associate Editor for *Drug and Alcohol Dependence*.

EPIDEMIOLOGY: PRESCRIPTION OPIOIDS; GLOBAL HEALTH; MENTAL HEALTH

Professor Louisa Degenhardt

NHMRC Principal Research Fellow

This year, our team conducted diverse epidemiological studies including analysis of large-scale community and clinical population surveys, data linkage studies and cohort studies. Our work focused on documenting what is and is not known about the epidemiology and health effects of illicit drugs, and has shaped discourse at a global level. We have worked towards developing a global network of colleagues in universities, international NGOs, and the United Nations (WHO, UNAIDS, UNODC).

Professor Louisa Degenhardt and Dr Emily Stockings are collaborators on the **Centre of Research Excellence in Mental Health Systems Improvement (CREMSI)** led by the University of Queensland. Outcomes are being used to advise governments and policy-makers on the most cost-effective prevention and treatment interventions for a range of mental disorders in youth and adult populations.

We continue our role in the national and internal collaboration, the **Global Burden of Disease (GBD)** to calculate the levels of disease, injury and death associated with substance use and mental disorders in collaboration with the University of Queensland as part of the Core Analytic team for GBD. *Results from the GBD are published annually in the Lancet.*

The **Pharmaceutical Opioids IN Treatment (POINT) study** is a national prospective cohort of 1500 chronic pain patients prescribed pharmaceutical opioids over a five-year period. It is the first large-scale Australian prospective cohort study to rigorously examine the benefits and outcomes of pharmaceutical opioids prescribed for chronic non-cancer pain.

Using routinely collected data sources and data linkage, another project, **POPPY**, seeks to examine in detail the patterns and costs of Pharmaceutical Benefits Scheme-subsidised opioid use, including extra-medical use, in the Australian population. Our work this year focused on examining a cohort of individuals initiating strong opioids,

which included profiling the cohort and exploring the factors associated with the type of opioid initiated.

Following concerns regarding the extra-medical use of pharmaceutical opioids, an “abuse-deterrent” formulation OxyContin® tablets was introduced onto the Australian market in April 2014. **The National Opioid Medications Abuse Deterrence (NOMAD) study** was established to determine the impact of the new formulation in reducing harms of at both a population level and among sentinel populations likely to tamper with pharmaceutical opioid. The topline paper from the study, which has generated a significant amount of interest at both policy level and in the media, will be published next year.

“The NOMAD study on tamper-resistant Oxycontin has generated significant interest at a policy level and in the media.”

Pharmaceutical opioids differ in the extent to which they are associated with problematic use. In late 2017 we commenced **a new post-marketing surveillance study of the impacts of tapentadol** upon opioid utilisation, Poisons Information Centre helpline calls and use among people who inject drugs.

In late 2017, we started a study aiming to provide **new knowledge on the acceptability of short- and long-acting injectable treatments for opioid dependence**. Led by Dr Briony Larance, this work will inform the development of an implementation trial of an extended-release (monthly) injection of buprenorphine for the treatment of opioid dependence, planned to commence in 2018.



We updated our previous **global systematic reviews** estimating the number of people who inject drugs, the prevalence of HIV and viral hepatitis infection within this population, and coverage of HIV prevention interventions for people who inject drugs. These reviews were published in October 2017 in *Lancet Global Health*.

We are part of the **WHO World Mental Health Survey Initiative**, the largest cross-national epidemiological study of mental and substance use disorders ever conducted. Our role has been to provide data on the cross-national epidemiology of alcohol and illicit drug use, and use disorders, report new information on predictors of the transitions across stages of substance involvement, and develop an algorithm to predict substance users at highest risk of developing a use disorder.

Although significant data is currently collected and reported upon in Australia, there is opportunity to better use that data to inform decision makers in the alcohol and other drugs (AOD) service provider sector. The **Viability of an Early Warning System (VIEWS) study** was funded by the Australian Government Department of Health. Our team and NDARC Director Michael Farrell were contracted by the Australian Commonwealth Department of Health to conduct a series of reviews of cannabis and cannabinoids for medical purposes in order to develop clinical guidance documents for the Therapeutic Goods Administration (TGA).

PRISONS, HIV AND INTERNATIONAL HEALTH

Professor Kate Dolan

Chief Investigator



2017 saw the completion of several projects in the areas of risk behaviour and prisons. Most notable was a series of journal articles in *Epidemiologic Reviews* where Professor Kate Dolan led two international teams to produce the paper 1) Tobacco smoking in the correctional setting: A global systematic review of prevalence, bans and interventions and the paper 2) Prevalence of drug injection, sexual activity, tattooing and piercing among 2,359,220 prisoners. She contributed to another two papers in the prison series 3) Dynamic transmission models of infectious disease in prisons and their impact on the general population and 4) HIV and viral hepatitis among imprisoned key populations: a global review and meta-analysis.

We followed up the *Lancet* prison series of 2016 with another publication entitled, Age-specific global prevalence of hepatitis B, hepatitis C, HIV and tuberculosis among incarcerated people: A systematic review, published in the *Journal of Adolescent Health*.

One of Professor Dolan's papers received the award for the best scientific paper from the European Monitoring Centre on Drugs and Drug Addiction, 2017. She also collaborated with this Centre and the EUBEST working group to publish a paper on Monitoring quality and coverage of harm reduction services for people who use drugs: a consensus study, which was published in the *Harm Reduction Journal*.

Professor Dolan's work in Iran continued with Zahra Mehrjerdi, her PhD student, with a paper entitled Methamphetamine dependence in methadone treatment services in Iran: the first literature review of a new health concern, published in the *Asian Journal of Psychiatry*, and another paper entitled Methamphetamine Use Disorder Untreated among Women in Methadone Treatment in Iran, published in the *Iranian Journal of psychiatry and behavioural sciences*.

She also collaborated with Iranian colleagues to publish a paper called Determinants of consistent condom use among Iranians living with HIV/AIDS: Implication for prevention in the *Journal of International Journal of High Risk Behaviours and Addiction*.

“Over 460 inmates have been recruited for SNAP, an RCT of a smoking intervention in prisons.”

Professor Dolan carried out an important piece of work in Liberia, where she reviewed the prison medical service, developed the Standard Operating Procedures manual and trained over 70 staff. During the project, she visited the country twice and travelled to six cities, some of which were in very remote areas. As a result of her work she has been asked to advise on tuberculosis (TB) in African prisons at the UN High Level Meeting on TB in 2018. She is collaborating with the WHO Asia Pacific Prison Health Working Party. The group aims to standardise prison health care across the region.

In 2017 Rebecca Bosworth, began her PhD examining the provision of the UNODC Comprehensive Package in prisons around the world. Rebecca has already received a scholarship to attend a conference and another to attend a training course.

Collaboration with the WHO to produced a paper entitled Alternatives to incarceration, which appeared in the *Eastern Mediterranean Health Journal*.

Professor Dolan continued her long standing work with the HITS group to study hepatitis C incidence and transmission in prison with a paper called, Ongoing incident hepatitis C virus infection among people with a history of injecting drug use in an Australian prison setting, 2005-2014: The HITS'p study, *Journal of viral hepatitis*, 2017.

A randomised controlled trial (RCT) of a cognitive behavioural therapy (CBT) intervention for prisoners who smoke got underway in the Northern Territory. So far more than 460 inmates have been recruited and about 100 have been followed up in the community. She co-authored a letter published in the *Medical Journal of Australia* on the trial with the NT Department of Correctional Services' Health Advisor: Trends in cancer incidence and survival for Indigenous and non-Indigenous people in the Northern Territory.

Professor Dolan is producing more evidence to support a trial of a Managed Alcohol Program with the publication of her study, a feasibility study of a managed alcohol program in Sydney: Acceptability, cost-savings and non-beverage alcohol use, in the *Drug and Alcohol Review*.

Professor Dolan is collaborating on two projects 1) Wayside Chapel: Needs assessment of visitors report on findings and 2) A needs analysis for people living with HCV after leaving custodial settings in Australia.

LONGITUDINAL COHORTS: FAMILIES, ALCOHOL AND SMOKING

Professor Richard Mattick

NHMRC Principal Research Fellow

2017 continued the realisation of outcomes for a range of our projects, successfully drawing data together in three areas, and working with our national and international collaborators.

The national study (with Universities of Newcastle, Queensland, Tasmania and Curtin) *Australian Parental Supply Alcohol Study* (APSALS), completed 7th wave of data collection (with >80% retention of the original cohort), successfully publishing data in the *Lancet Public Health*, and obtaining continued NHMRC funding to enable follow-up of the cohort of adolescents into adulthood. Results from the first five waves of data (Years 7-11 of high school) were presented at national conferences and the high profile paper of parental supply and harms was published. The risks associated with parental and non-parental supply are surprising, with children supplied alcohol by their parents, often with the best of intention, at a significantly higher risk of drinking, and of developing symptoms of alcohol use disorder. We are continuing the cohort of almost 2,000 families with further competitive funding from Australian NHMRC from 2018 to 2022. We have expanded our team to include University of Otago, Canada and University of York, UK. The APSALS team has continued collaborations with other research teams, examining the development of alcohol abuse and dependence symptoms, and examining tobacco and e-cigarette use among the APSALS cohort.

The Young Australians Alcohol Reporting System (YAARS) study (led by Curtin University) received additional Commonwealth funding to undertake 2017 data collection in eight sites nationally. Ms Alexandra Aiken coordinates the NSW arm of the national study, with interviews with high risk adolescent drinkers currently underway. Several papers from the 2016 wave of data collection were published, indicating that the heavy drinking sample are experiencing substantial acute and potentially

chronic consequences from their drinking and that current alcohol licencing regulations are not effectively controlling under-age purchasing and drinking.

Dr Edmund Silins completed another year of his *Cannabis Cohort Research Consortium* (CCRC) post-doctoral position, initially funded by ARACY with Dr Hutchinson, and then with funding from NHMRC Project Grants for work on early life use of cannabis and adult sequelae using data in partnership with four Australasian cohorts (from Universities of Otago, Melbourne, Queensland, Deakin, and MCRI) providing data on many thousands of now young adults. The work has been internationally recognised for its impacts and its ability to show

“Children supplied alcohol by their parents, often with the best of intention, at a significantly higher risk of drinking, and of developing symptoms of alcohol use disorder.”

the associations between early drug use and poor adult achievements. Additionally, the extension of that work to address the impacts of early exposures to alcohol on adult sequelae, continued, with a number of seminal publications submitted in 2017.

The group's interest in tobacco has seen the four year large-scale RCT of intervention funded by the NHMRC (with UK and US partners, Cancer Council Victoria (CCV), UNEWC, UQ), coordinated by Dr Ryan Courtney, with over 1,000 low-SES smokers having



completed recruitment. Finalisation of the follow-up brings the opportunity to better understand the factors that are associated with low-socioeconomic factors – this group of the population ceases less than better-off smokers – and this work is forming part of a PhD candidature by Ms Veronica Boland. Additionally, in 2017, Dr Ryan Courtney continued his NSW Cancer Institute Fellowship. The CESSATE RCT, a head to head comparison of the plant based smoking cessation medication with the widely prescribed medication varenicline, led by Dr Courtney, has commenced recruitment.

In addition, NDARC has received NHMRC project grant funding to complete a world-first comparison of vaporised nicotine products (aka e-cigarettes) against oral nicotine replacement therapy.

Dr Janette Smith, who successfully completed her UNSW VC-Fellowship on alcohol use and cognition in young adults, has continued to publish exciting new work on the associations between alcohol exposure in late-adolescence and cognitive functioning, funded in 2014 by a ARH Post-Doctoral fellowship.

We intend to further pursue these research streams in 2018. We are pursuing multiple leads for further work on smoking, and on new methods for cessation.

DRUG POLICY MODELLING PROGRAM (DPMP)

Professor Alison Ritter

NHMRC Senior Research Fellow



2017 was once again a successful and busy year for the Drug Policy Modelling Program (DPMP), as we continue to inform and influence Australian decision-makers through the dissemination of our research findings in both academic and policy circles, submissions to government inquiries, private briefings to ministers and their staff, and through consultancy research – providing expert, independent and non-partisan analysis of the issues. We have generated evidence on current policy issues, for example contributing to debates about online drug markets, medicinal cannabis and drug checking services.

Dr Monica Barratt has continued her international collaborative research on cryptomarkets, winning an NIH research grant entitled “eDarkTrends: monitoring darknet markets to track illicit synthetic opioid trends” with Wright State University, Ohio. Michala Kowalski has assisted Monica and Alison to conduct the first global catalogue of drug checking services in operation during 2017. Dr Kari Lancaster led an important project funded by the Queensland Mental Health Commission on issues of stigma and discrimination for people who experience problems with alcohol and/or illicit drugs.

Dr Marian Shanahan has continued to lead economic evaluation work both with DPMP and across a broad range of NDARC projects. She has contributed to a project assessing the costs of the Involuntary Drug and Alcohol Treatment Program, provided health

economics input on an evaluation of an assertive management and integrated care service for frequent Emergency Department attenders with substance use disorders, and on studies assessing the effectiveness and cost effectiveness of treatments for methamphetamine.

A major new NHMRC funded project commenced in 2017 (“The Horizons Project”) which is examining how funding arrangements, purchasing mechanisms and workforce characteristics of alcohol and other drug treatment organisations impact on client treatment outcomes nationwide.

Dr Katinka van de Ven has joined DPMP

“The Horizons Project is examining how funding arrangements, purchasing mechanisms and workforce characteristics of AOD organisations impact on client outcomes.”

as a postdoctoral fellow for this project. Her other interests are in research on performance and image enhancing drugs (PIED). This year Katinka also worked with Alison on examining the feasibility and issues associated with developing a National Drug Treatment Framework (commissioned by the Drug Strategy Branch).

Our research program on drug law enforcement, criminal justice responses to drugs and illicit drug markets, led by Dr Caitlin Hughes, included new work funded by the ACT Justice and Community Safety Directorate to inform the development of a new drug

and alcohol court in the ACT, and collaboration with the Global Drug Survey to benchmark the incidence and punitiveness of drug-related policing in Australia against 25 other nations. This will be the first research to analyse the extent of cross-national variation in street-level drug policing.

In 2017, Dr Suzanne Nielsen joined DPMP, with her work focusing on ‘implementation sciences’ such as how to increase the uptake of relevant research evidence into pharmacy and medical practice to reduce opioid-related harms. She has worked closely with local services and Primary Health Networks in the development of opioid dependence screening tools for primary care settings. In addition, much of her work has focussed on preparing health practitioners for the codeine rescheduling policy change.

Dr Thu Vuong’s commitment to research into compulsory treatment options has continued with the evaluation of the NSW Involuntary Drug and Alcohol Treatment (IDAT) Program, where Oluwadamisola Sotade has achieved excellent follow-up interview rates for this hard-to-reach population. The IDAT evaluation will be aided by a comparison evaluation of the Assertive Community Management (ACM) program, a voluntary program with a similar patient target group.

The 2017 DPMP doctoral students, Matthew O’Reilly, Richard Mellor, and Vivienne Moxham-Hall were also joined in 2017 by new students including Shann Hulme who is conducting novel work to understand pharmaceutical drug supply systems.

The DPMP team presented more than 75 oral papers at conferences and seminars; published more than 120 journal articles, and submitted 19 new grants across 2017. We continue to be at the forefront of providing policy advice. Government submissions in 2017 included work around the federal government’s proposed Welfare Reform Bill and the Victorian Parliamentary Inquiry into Drug Law Reform.

DRUG TRENDS PROGRAM

Professor Alison Ritter

NHMRC Senior Research Fellow

NDARC's Drug Trends program reports on trends in the use of illicit drugs in Australia. The program is a national collaborative venture with Chief Investigators at NDARC, as well as Prof Simon Lenton (National Drug Research Institute, Curtin University), Prof Paul Dietze (The Burnet Institute), A/Prof Raimondo Bruno (University of Tasmania), and Prof Rosa Alati (University of Queensland) and is funded by the Drug Strategy Branch of the Australian Government Department of Health. Information is from multiple sources, but notably: interviews with people who use drugs; indicator data such as statistics on drug related deaths and injuries; and information from online markets which are all used to interrogate what is happening about drug use, drug markets and drug supply in Australia.

Findings from Drug Trends in 2017 generated considerable interest in Australia and internationally. For the first time since 2006, more participants who inject drugs surveyed in the Illicit Drug Reporting System (IDRS) reported methamphetamine relative to heroin as the drug injected most often in the past month. Yet, recent crystal methamphetamine use declined amongst this sample, as did methamphetamine use amongst people who regularly used stimulants surveyed in the Ecstasy and Related Drugs Reporting System (EDRS). Use of fentanyl and new psychoactive substances amongst these groups were also observed with interest, with rates of use remaining stable. Yet, participants' reports suggest that the ecstasy market continues to diversify, with increases in the use of powder, capsules, and crystals.

These findings are complemented by reporting on a wide range of other data sources, with analyses showing an increase in accidental opioid- and methamphetamine-related deaths, and an increase in amphetamine-related hospital separations in Australia. Comprehensive monitoring of the online drug marketplaces showed

an unprecedented number of online marketplace closures in 2017. Illicit opioid analgesics (particularly illicit fentanyl preparations) ranked in the top 10 new psychoactive substances most commonly being sold by vendors in online marketplaces.

Given these findings, the Drug Trends team engaged in active and wide-ranging dissemination in 2017 to ensure jurisdictional, national, and international audiences were reached. This included publication of national and jurisdictional reports and quarterly bulletins spanning a range of topics. Presentations were given at various national and international conferences, including

“Illicit opioid analgesics (particularly illicit fentanyl preparations) ranked in the top 10 new psychoactive substances most commonly being sold by vendors in online marketplaces.”

the NDARC Symposium, Australasian Professional Society on Alcohol & Other Drugs conference (Melbourne, Australia), Lisbon Addictions Conference on Addictive Behaviours and Dependencies (Lisbon, Portugal), Contemporary Drug Problems (Helsinki, Finland) and the Novel Psychoactive Substances conference (Vienna, Austria).

There have also been numerous peer-reviewed publications covering topics such as the impact of disruptions to online drug markets

(*The Lancet Psychiatry*), supply and purchasing patterns of new psychoactive substances (*Human Psychopharmacology*), the use of multiple needles/syringes per injecting episode (*International Journal of Drug Policy*) and the expansion of hepatitis C testing (*International Journal of Drug Policy*).

The Drug Trends program is entering an exciting new phase in its 23rd year of existence. New methods and data sources will be considered in order to respond to new challenges in monitoring substance use. Further, innovative communication strategies will be employed to reach jurisdictional, national, and international audiences, ensuring Drug Trends continues to lead and shape monitoring of drug use and harms in Australia into the future.

In mid 2017, A/Prof Lucinda Burns who has lead the Drug Trends program for a number of years decided to focus her work on her other main research interests: homelessness, alcohol and drug use amongst pregnant women, and working with marginalised communities. NDARC has been most grateful for the leadership that Associate Professor Burns gave to the program over eight years.

THE CENTRE OF RESEARCH EXCELLENCE IN MENTAL HEALTH AND SUBSTANCE USE

Professor Maree Teesson

NHMRC Senior Research Fellow



The Centre of Research Excellence in Mental Health and Substance Use (CREMS) had an outstanding year in 2017, with over \$18M in new research funding including major philanthropic support and a new NHMRC Centre of Research Excellence in Prevention and Early Intervention for Mental illness and Substance Use (PREMISE). This funding will allow us to continue our ground breaking research generating new prevention and treatment, ensuring the effective transfer of research knowledge and mentoring future research leaders. While mental and substance use disorders are pervasive and present a clinical challenge to public health, the Centre has established itself as a major national and international game changer.

The Centre aims to generate innovative new research to increase the knowledge base regarding the effective prevention and treatment of mental health, substance use and their comorbidity. Led by Professor Maree Teesson, CREMS represents a world first, bringing together the largest concentration of nationally and internationally recognised comorbidity researchers. Specifically, CREMS brings together leading research academics, including Professor Amanda Baker (University of Newcastle), A/Professor Katherine Mills (UNSW), A/Prof Frances Kay-Lambkin (Newcastle), Professor Paul Haber

(University of Sydney), A/Professor Andrew Baillie (Sydney University), Professor Helen Christensen (UNSW), Professor Max Birchwood (University of Birmingham, UK), Professor Bonnie Spring (Northwestern University Medical School, USA) and Professor Kathleen Brady (Medical University of South Carolina, USA). With the new PREMISE Centre we expand collaborations with Prof Pat McGorry (Melbourne University & Orygen) and Professor Cathy Mihalopolous (Deakin). This new collaboration aims to build the capacity of CREMS in health economics.

“Mental and substance use disorders are pervasive, presenting a significant clinical and public health challenge. CREMS has established itself as a national and international game changer.”

In 2017, CREMS had more than 40 academic and research staff based at NDARC and more than 70 staff and affiliated members, including 12 doctoral students across affiliated institutions. More than 45 significant and diverse research projects were underway in 2017. These projects span collaborations across the world and are funded through the NIH, NHMRC, Australian government, NSW government, Rotary, and philanthropy. Projects have begun in each of

our focus areas: prevention (led by Associate Professor Nicola Newton), early intervention and treatment (led by Associate Professor Katherine Mills), epidemiology and biostatistics (led by Associate Professor Tim Slade), research development and strategy (led Dr Cath Chapman) and technology, innovation & translation (led by Associate Professor Kay Lambkin). We have provided policy advice to state and Australian governments and to the UNODC.

The National Positive Choices Prevention portal (www.positivechoices.org.au), launched by Prime Minister Turnbull in December 2015, and funded by the Australian Government Department of Health to deliver evidence based prevention resources, has reached over 80,000 unique users around the world. In 2017 we launched two national online portals; the Comorbidity Guidelines and training portal (www.comorbidityguidelines.org.au) and the Cracks in the Ice portal (www.cracksintheice.org.au) which provides trusted evidence based information and resources on crystal methamphetamine to the Australian community.

CREMS staff received more than 20 major national and international awards. Our passion and commitment to addressing the burden of mental disorders and substance use has been reinforced by the endorsement of our Executive Advisory Board and senior staff in planning and growth. We value true collaboration with clinicians, people with lived experience and the community as the ultimate users of our research.

EVALUATION AND INTERVENTION RESEARCH WITH NGOS, GOVERNMENT SERVICES AND INDIGENOUS COMMUNITIES

Professor Anthony Shakeshaft

Chief Investigator

This year saw my team continue to successfully engage with NGOs, government services and whole communities to design, implement and evaluate a range of innovative interventions. The common themes across these evaluations are establishing treatment protocols that are evidence-based, standardised across different services and tailored to the individual circumstance of different services, and ensuring that the evaluations are embedded into routine delivery of services.

In terms of Indigenous research, we are commencing a new project with services for high-risk young people delivered by a network of NGOs nationally. The aim of providing these services is to prevent high-risk young people from progressing into juvenile or adult detention, and the poor substance use and health outcomes that are almost inevitably associated with incarceration. The evaluation will quantify the benefits and costs of these services. This type of embedded evaluation research requires careful planning on behalf of both service providers and researchers but, if successful, it will improve the quality of services and dramatically improve the quality of the evidence-base. Most importantly, it will improve the life-span trajectory of a much greater number of high-risk young people. We are also partnering with Aboriginal drug and alcohol residential rehabilitation services in NSW to apply the same principles to the evaluation of their services. We undertook qualitative research to help inform the development of a best-practice model of care. We hope to progress this to an evaluation of the benefits and costs of their services. Aboriginal PhD candidate Doug James and PhD candidate Alice Munro have led this research. Our research has also been focused on partnering with Aboriginal communities to devise a mechanism that they can use to develop and implement their own strategies aimed at reducing alcohol harms, and to

evaluate the impact of implementing those strategies. This research to date has been led by PhD candidates Alice Munro and Mieke Snijder. We will continue to understand the dynamics of alcohol-related harms in Aboriginal communities through a newly commencing Masters of Research being undertaken by Aboriginal Masters candidate Bonita Byrne.

We have also been working with mainstream services to try to improve patient outcomes by more effectively combining clinical skills with research skills. Key projects being led by my

“Evaluation research embedded within NGOs has the potential to improve the life span trajectory of a much greater number of high risk young people.”

team here at NDARC include Catherine Foley's PhD research that aims to understand the key mechanisms that promote successful integration of drug and alcohol services with mental health services for patients who struggle with both these issues. The need for more cost-effective care for co-morbid patients is well understood, but the process of delivering integrated care in practice has been poorly researched. Another key project aims to prevent harms associated with drinking to intoxication among young people. We are partnering with the Thomas Kelly Youth Foundation to evaluate the benefits and costs of their Safe Space initiative, which has been implemented in hot-spots around the Sydney CBD. A third project, led by Dr Julia Lappin,



developed and evaluated the impact of a triage system in Accident and Emergency (A&E) to improve the detection and treatment of patients presenting to A&E who have significant alcohol-related harms.

In addition to projects specifically being led by NDARC, we are contributing as named investigators to a range of other research, clinical and early intervention initiatives. These include:

- improving our understanding of the critical factors that are associated with good alcohol treatment outcomes;
- testing the impact of a systems level intervention to reduce smoking rates among patients of drug and alcohol clinical settings;
- better utilisation of A&E data to reduce alcohol harms;
- establishing a new NHMRC Centre of Research Excellence, specifically aimed at building Indigenous research capacity to find solutions to alcohol problems;
- improving psychosocial resilience among Indigenous youth;
- examining drug and alcohol treatment options in prisons;
- improving our understanding of the role and impacts of Smart Recovery Australia;
- improving the quality of measures collected routinely by drug and alcohol clinical services.

NDARC COLLABORATORS

Northern Territory

- Department of Health and Families, NT
- The Northern Territory Correctional Services

Australia

- Headspace: Australia's Youth Mental Health Foundation
- The Mental Health Services

Townsville & Cairns

- James Cook University

Forbes

- Yoorana Gunya Family Violence Healing Centre Aboriginal Corporation

Orange

- The Lyndon Community

Wollongong

- University of Wollongong

Hobart

- University of Tasmania

Perth

- Curtin University: National Drug Research Institute
- Murdoch University
- University of Western Australia

Adelaide

- Drug and Alcohol Services South Australia
- Flinders University: National Centre for Education and Training on Addiction
- National Organisation for Foetal Alcohol Syndrome and Related Disorders
- University of Adelaide
- University of South Australia

Melbourne

- Australian Institute of Family Studies
- Burnet Institute
- Centre for Adolescent Health, Royal Children's Hospital
- Deakin University
- Monash University
- Murdoch Children's Research Institute
- Orygen Youth Health Research Centre
- Phoenix Australia
- The Cancer Council Victoria
- Turning Point, Deakin University
- University of Melbourne
- Youth Support and Advocacy Service

United States

- Brown University, Rhode Island
- Columbia University
- Carnegie Mellon University, Pennsylvania
- Department of Health Care Policy, Harvard Medical School, Harvard University
- Emory University, Atlanta, Georgia
- Johns Hopkins University, Maryland
- Lumos Labs
- Medical University of South Carolina, South Carolina
- Michigan State University
- Northwestern University Feinberg School of Medicine, Illinois
- Open Society Foundations
- Rhode Island Department of Corrections, Rhode Island
- Stony Brook University, New York
- University of Alaska Anchorage, Alaska
- University of Nebraska Medical Center, Nebraska
- University of California San Diego, California
- University of Maryland, Maryland
- University of Minnesota, Minnesota
- University of Toledo, Ohio
- University of Washington: Institute for Health Metrics and Evaluation, Seattle, Washington
- Washington University, Missouri
- Wright State University, Ohio
- Yale University

THE DIFFERENCE IS COLLABORATION

With more than 80 collaborators across Australia, NDARC has a strong network of leading research and service organisations in the drug and alcohol sector. We work with universities, research centres, health services, peak bodies as well as alcohol and other drug services providers to conduct relevant, high-quality research into substance use issues.



Brisbane

- Australian Pain Management Association
- Griffith University
- Institute of Health & Biomedical Innovation
- Queensland University of Technology
- The Professor Tess Cramond Multidisciplinary Pain Centre, Royal Brisbane and Women's Hospital
- University of Queensland:
- Centre for Clinical Research
- Queensland Brain Institute
- Centre for Youth Substance Abuse Research
- Queensland Alcohol and Drug Research and Education Centre
- Queensland Centre for Mental Health Research

Armidale

- University of New England

Taree

- Albert Street Medical Centre

Newcastle

- Centre for Youth Substance Abuse Research
- Hunter Medical Research Institute
- Hunter Institute of Mental Health
- NSW Health: Drug and Alcohol Clinical Services, Hunter New England Area Health District
- University of Newcastle

Bathurst

- Charles Sturt University

Canberra

- Australian National Advisory Council on Alcohol and Drugs (ANACAD)
- ACT Health Directorate
- Australian Institute of Criminology
- Australian Institute of Health and Welfare
- Australian National Council on Drugs
- Alcohol Tobacco and Other Drug Association ACT
- Australian Injecting & Illicit Drug Users League
- Australian National University
- Foundation for Alcohol Research and Education
- Lifeline
- National Drug Law Enforcement Research Fund
- National Health and Medical Research Council
- Social Research and Evaluation

PARTNERING TO EASE THE BURDEN OF ABORIGINAL DISADVANTAGE

The burden of drug and alcohol misuse is still disproportionately high in Aboriginal communities compared with the general population in Australia. Led by Professor Anthony Shakeshaft, NDARC is leading a number of collaborations with NGOs, government services and whole communities in remote and regional Aboriginal communities, designed to alleviate this burden. A key feature of the collaborations is the approach of partnering with Indigenous communities and organisations to enable them to develop, implement and evaluate their own strategies. The approach is based on good evidence that the communities are best placed to design and deliver their own interventions with researchers providing research data and evaluation.

Sydney

- ACON (AIDS Council of NSW)
- Avenue Road Medical Practice, Sydney
- Community Mental Health Drug & Alcohol Research Network
- Drug and Alcohol Multicultural Education Centre
- Forensic Medicine Associates
- Mission Australia
- Network of Alcohol & Other Drugs Agencies
- NSW Police
- National Drug & Alcohol Research Centre, Sydney
- NSW Bureau of Crime Statistics and Research, Sydney
- NSW Health:
- St Vincent's Hospital alcohol & drug service, St Vincent's Health Network
- Department of Forensic Medicine, Sydney Local Health District
- Drug and Alcohol Clinical Services, Northern Sydney Area Health District
- Justice Health
- Royal Prince Alfred Hospital, Sydney Local Health District
- South Western Sydney Local Health District
- St Vincent's Hospital Pain Clinic, St Vincent's Health Network
- The Langton Centre, South Eastern Sydney Local Health District

- Traumatic Stress Clinic, Westmead Hospital, Western Sydney Local Health District
- Hunter New England
- Northern Sydney Drug & Alcohol Service
- Odyssey House
- Pain Australia
- Pharmacy Guild of Australia (NSW branch)
- The Australian Paediatric Surveillance Unit, The Children's Hospital at Westmead/University of Sydney
- University of New South Wales:
- Faculty of Law
- Faculty of Medicine – Kirby Institute
- Centre for Big Data Research in Health
- Centre for Healthy Brain and Ageing (CHeBA)
- Child Development Unit, The Children's Hospital at Westmead
- Clinical Research Unit for Anxiety and Depression (CRUfAD)
- School of Public Health and Community Medicine
- The Black Dog Institute
- Faculty of Science – School of Psychology
- School of Mathematics and Statistics
- University of Sydney
- University of Technology, Sydney: Centre for Health Economics and Research Evaluation
- University of Western Sydney
- We Help Ourselves

Canada

- McGill University
- University of Toronto and CAMH
- University of Montreal, Quebec

Europe

- Carlos III Institute of Health, Madrid
- EMCDDA
- Frankfurt University of Applied Sciences, Germany
- Lund University
- Radboud University
- Trimbos Instituut, Utrecht
- University of Heidelberg, Germany
- University of Western Ontario, London, Canada
- United Nations Office of Drugs and Crime, Vienna
- UNAIDS, Geneva
- University of Twente, The Netherlands
- Ukrainian Institute on Public Health Policy
- Utrecht University
- World Health Organization, Geneva

Asia

- FHI 360, Hanoi
- Hanoi Medical School, Hanoi
- UNODC Southeast Asia & the Pacific, Bangkok
- WHO Western Pacific, Manila
- Yunnan Institute for Drug Abuse, Kunming
- Youth Vision, Bhaktapur

New Zealand

- University of Otago, Dunedin

United Kingdom

- Harm Reduction International
- Institute for Criminal Policy Research, University of London, England
- Middlesex University, England
- Public Health England
- University of Bristol, England
- London School of Hygiene and Tropical Medicine, England
- King's College London, England
- Institute of Psychiatry, King's College London, England
- Queens University Belfast, Northern Ireland
- University of Birmingham, England
- University College London, England
- University of Dundee, Scotland

Middle East

- Golestan University of Medical Sciences, Iran
- Iranian National Center for Addiction Studies,
- Iran University of Medical Sciences
- Kerman University of Medical Sciences, Iran
- Khalkhal University of Medical Sciences, Iran
- Persepolis NGO, Tehran Province, Iran
- Qazvin University of Medical Sciences, Iran
- Shahrekord University of Medical Sciences, Shahrekord, Iran
- Shahrud University of Medical Sciences, Iran
- Tehran University of Medical Sciences, Tehran Province



CURRENT AND COMPLETED PROJECTS

PROJECTS

CURRENT PROJECTS

TREATMENT AND INTERVENTION

Adding an electronic-cigarette to standard behavioural treatment for low-socioeconomic status smokers: A randomised trial

NDARC staff: Professor Richard Mattick, Dr Ryan Courtney, Professor Anthony Shakeshaft, Professor Michael Farrell, Ms Alexandra Aiken, Ms Veronica Boland

Collaborators: Professor Ron Borland (Cancer Council Victoria), Dr Coral Gartner (University of Queensland), Professor Hayden McRobbie (Queen Mary University London), Associate Professor Dennis Petrie (Monash University), Professor Mohammad Siahpush (University of Nebraska Medical Center), Professor Robyn Richmond (UNSW), Professor Christopher Doran (Central Queensland University), Professor Colin Mendelsohn (UNSW), Professor Nicholas Zwar (University of Wollongong), Professor Wayne Hall (University of Queensland)

Project summary: Smoking is a leading cause of preventable disease and death. Limited progress has occurred in reducing smoking rates over the past decade for the most disadvantaged Australians (2001 = 24%, 2013 = 21%) despite a two-fold reduction in smoking prevalence among the most advantaged Australians (2001 = 14%, 2013 = 7%). Facilitating smoking cessation in low-socioeconomic status (low-SES) smokers is a national health priority, yet there are scant evidence-based interventions.

Funding: NHMRC Project Grant (APP1127390)

Date commenced: Delayed to 2018

Expected date of completion: 12/2020

Project website: <https://ndarc.med.unsw.edu.au/project/adding-electronic-cigarette-standard-behavioural-treatment-low-socioeconomic-status-smokers>

An evaluation of the Assertive Community Management (ACM) Program in New South Wales

NDARC staff: Professor Alison Ritter, Dr Thu Vuong

Date commenced: 02/2017

Expected date of completion: 07/2019

An evaluation of the New South Wales Involuntary Drug and Alcohol Treatment (IDAT) Program

NDARC staff: Professor Alison Ritter, Dr Marian Shanahan, Dr Sarah Larney, Dr Thu Vuong

Collaborators: Dr Mark Montebello (Drug and Alcohol Service), Professor Wayne Hall (University of Queensland)

Project summary: The IDAT Program aims to “provide short-term care, with an involuntary supervised withdrawal component, to protect the health and safety of people with severe substance dependence who have experienced, or are at risk of, serious harm and whose decision making capacity is considered to be compromised due to their substance use”. This project aims to determine the effect of the IDAT program on patient outcomes in comparison to a control group.

Funding: NSW Ministry of Health

Date commenced: 05/2016

Expected date of completion: 09/2018

Project website: <https://ndarc.med.unsw.edu.au/project/evaluation-new-south-wales-involuntary-drug-and-alcohol-treatment-idat-program>

An RCT of cannabinoid replacement therapy (Sativex®) for the management of treatment-resistant cannabis dependent patients

NDARC staff: Dr Marian Shanahan, Professor Jan Copeland

Collaborators: This research is being led by Associate Professor Nicholas Lintzeris (University of Sydney), Dr David Allsop (University of Sydney), Professor Iain McGregor (University of Sydney), Associate Professor Adrian Dunlop (Hunter New England Local Health District), Associate Professor Raimondo Bruno (University of Tasmania)

Project summary: This project will conduct the first-ever outpatient RCT to test the efficacy, safety and cost-effectiveness of the pharmaceutical cannabinoid nabiximols (Sativex®) for treating cannabis dependence. This study builds upon recent work by this team demonstrating the safety and efficacy of Sativex in treating inpatient cannabis withdrawal. However chronic addictive disorders are usually associated with high relapse rates following withdrawal, and longer term treatment models that integrate medication and counselling approaches are required.

Funding: NHMRC Project Grant

Date commenced: 01/2015

Expected date of completion: 06/2018

Project website: <https://ndarc.med.unsw.edu.au/project/rct-cannabinoid-replacement-therapy-sativexr-management-treatment-resistant-cannabis>

Cannabis and cannabinoids for medicinal purposes: Reviewing the evidence

NDARC staff: Professor Louisa Degenhardt, Dr Emily Stockings, Dr Gabrielle Campbell, Professor Michael Farrell, Dr Suzanne Nielsen

Collaborators: Professor Wayne Hall (University of Queensland), Professor Nicholas Buckley (University of Sydney), Dr Megan Weier (University of Queensland)

Project summary: This project will review the evidence for the medicinal use of cannabis and cannabinoid products for a number of key medical conditions. We will examine the evidence base for delta-9-tetrahydrocannabinol (THC) and cannabidiol (CBD) in particular, alone or in combination, in the major conditions for which cannabinoids have been advocated with a focus on assessments in either RCTs or observational studies.

Funding: Funding was received from the Health Products Regulation Group, Commonwealth Department of Health

Date commenced: October 2016

Expected date of completion: December 2018

Project website: <https://ndarc.med.unsw.edu.au/project/cannabis-and-cannabinoids-medicinal-purposes-reviewing-evidence>

Cytisine versus varenicline for smoking cessation

NDARC staff: Professor Michael Farrell, Dr Ryan Courtney, Professor Richard Mattick, Professor Anthony Shakeshaft

Collaborators: Associate Professor Natalie Walker (University of Auckland), Dr Hayden McRobbie (Queen Mary University London), Dr Coral Gartner (University of Queensland), Professor Mohammad Siahpush (University of Nebraska Medical Center), Dr Dennis Petrie (University of Melbourne), Associate Professor Christine Paul (University of Newcastle), Professor Robyn Richmond (University of New South Wales), Associate Professor Stuart Ferguson (University of Tasmania), Professor Piotr Tutka (University of Rzeszow), Professor Christopher Doran (Central Queensland University), Dr Colin Mendelsohn (University of New South Wales), Professor Nicholas Zwar (University of New South Wales), Professor Robert West (University College London), Professor Wayne Hall (University of Queensland), Quitlines nationally

Project summary: Tobacco smoking is a leading cause of preventable disease and death. Smoking rates are higher among disadvantaged Australians and facilitating smoking cessation in this group is a national health priority. Given that no trials have compared cytosine to varenicline, the aim of this study is to conduct a world-first CONSORT-adherent, pragmatic, single-blind, non-inferiority randomised controlled trial (RCT).

Funding: NHMRC Project Grant (2016-2019)

Date commenced: 2016

Expected date of completion: 12/2019

Projects website: <https://ndarc.med.unsw.edu.au/project/cytisine-versus-varenicline-smoking-cessation>

Determining the impact of opioid substitution therapy upon mortality and recidivism among prisoners: A 22-year data linkage study

NDARC staff: Professor Louisa Degenhardt, Professor Michael Farrell, Professor Richard Mattick, Associate Professor Lucinda Burns, Associate Professor Timothy Dobbins, Dr Natasa Gisev, Dr Jo Kimber, Dr Sarah Larney, Dr Marian Shanahan

Collaborators: Dr Don Weatherburn (NSW Bureau of Crime Statistics and Research), Professor Tony Butler (The Kirby Institute, UNSW), Dr Amy Gibson (Centre for Big Data Research in Health, UNSW)

Project summary: This study will quantify the impact of opioid substitution therapy (OST; methadone or buprenorphine) on two important outcomes for opioid dependent prisoners: mortality, particularly in the post-release period and subsequent criminal activity. Using linked data, the study will have almost 600,000 person-years of follow-up over 22 years.

Funding: Australian Institute of Criminology through the Criminology Research Grants Program; National Health and Medical Research Council

Date commenced: 01/2011

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/determining-impact-opioid-substitution-therapy-upon-mortality-and-recidivism-among-prisoners>

Evaluation of the CAYLUS youth worker brokerage program

NDARC staff: Dr Christina Marel, Professor Maree Teesson, Associate Professor Katherine Mills, Professor Anthony Shakeshaft

Collaborators: Dr Fiona Shand (Black Dog Institute)

Project summary: The Central Australian Youth Link Up Service (CAYLUS) supports community initiatives aimed at reducing the supply of, demand for, and harms associated with substance misuse among young people across Central Australia.

Funding: Contract research for Central Australia Youth Link-Up Service (CAYLUS), Tangentyere Council Inc

Date commenced: 04/2014

Expected date of completion: 06/2019

Project website: <https://ndarc.med.unsw.edu.au/project/evaluation-caylus-youth-worker-brokerage-program>

Knowledge, attitudes, feasibility and acceptability of take-home naloxone for people released from prison

NDARC staff: Dr Sarah Larney, Professor Michael Farrell, Professor Louisa Degenhardt, Dr Suzanne Nielsen

Collaborators: Justice Health and Forensic Mental Health Network

Project summary: Given the increasing distribution of naloxone directly to opioid dependent people, especially those at particular risk of overdose such as recently released prisoners, this work will focus on the potential for distribution of take-home naloxone to people leaving NSW prisons.

Funding: Indivior untied educational grant

Date commenced: 11/2015

Expected date of completion: 12/2018

Project website: <https://ndarc.med.unsw.edu.au/project/knowledge-attitudes-feasibility-and-acceptability-take-home-naloxone-people-released-prison>

POINT Study (Pain and Opioids IN Treatment)

NDARC staff: Professor Louisa Degenhardt, Professor Richard Mattick, Dr Marian Shanahan, Dr Briony Larance, Dr Suzanne Nielsen, Miss Teleri Moore, Dr Gabrielle Campbell, Associate Professor Timothy Dobbins, Professor Wayne Hall, Professor Michael Farrell, Dr Raimondo Bruno, Miss Alana Garton, Ms Samantha Lynch

Collaborators: Associate Professor Fiona Blyth (Sydney University), Associate Professor Milton Cohen (St. Vincent's Hospital, Pain Clinic), Associate Professor Nick Lintzeris (University of Sydney/SESIAHS)

Project summary: This current study is to be the first Australian study to examine the patterns of prescribing for individual patients, and the outcomes for these patients in the longer term. With the recent start of POINT II, this current study will follow participants for up to 5 years.

Funding: National Health and Medical Research Council

Date commenced: 01/2012

Expected date of completion: 12/2019

Project website: <https://ndarc.med.unsw.edu.au/project/point-study-pain-and-opioids-treatment>

Positive life pathways for vulnerable adolescents: The role of a life management program approach

NDARC staff: Dr Marian Shanahan

Collaborators: Dr Sally Nathan (School of Public Health and Community Medicine, UNSW), Associate Professor Andrew Hayen (School of Public Health and Community Medicine, UNSW), Dr Patrick Rawstorne (School of Public Health and Community Medicine, UNSW), Dr Joanne Bryant (Centre for Social Research in Health, UNSW), Professor Eileen Baldry (School of Social Sciences, UNSW), Megan Williams (Muru Marri, School of Public Health and Community Medicine, UNSW), Mark Ferry (Ted Noffs Foundation)

Project summary: This project undertakes research to understand the pathways of vulnerable adolescents and the role of the Ted Noffs Program for Adolescent Life Management (PALM) in assisting young people to get their lives back on track.

Funding: ARC Linkage

Date commenced: 01/2015

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/positive-life-pathways-vulnerable-adolescents-role-life-management-program-approach>

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

NDARC staff: Dr Nadine Ezard, Professor Kate Dolan

Collaborators: Associate Professor Nicholas Lintzeris (University of Sydney), Associate Professor Robert Ali (The University of Adelaide), Associate Professor Adrian Dunlop (Hunter New England Local Health District), Professor Jason White (University of South Australia), Associate Professor Rebecca McKetin (Australian National University), Associate Professor Raimondo Bruno (University of Tasmania), Professor Andrew Carr (St Vincent's Centre for Applied Medical Research, Darlinghurst NSW)

Associate investigators: Andrew Dawson, Anthony Gill, Craig Rodgers, James Ward, Mark Montebello and Michael Farrell

Project summary: This randomised double-blind placebo-controlled study, led by St Vincent's Hospital Sydney, aims to examine the safety and efficacy of lisdexamfetamine in the treatment of adults with severe methamphetamine (MA) dependence.

Funding: NHMRC Project Grant

Date commenced: 2016

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/randomised-double-blind-placebo-controlled-study-lisdexamfetamine-treatment-0>

Scoping current practices and support needs of healthcare providers in Central and Eastern Sydney Primary Health Network (CESPHN) in relation to addressing patients' co-occurring mental health and alcohol and other drug issues

NDARC staff: Dr Christina Marel, Associate Professor Katherine Mills

Project summary: This project aims to conduct a scoping exercise to evaluate the support needs of healthcare providers in the Central and Eastern Sydney Primary Health Network (CESPHN) in working with co-occurring mental health and alcohol and other drug (AOD) issues among their patients, with a view to providing recommendations for workforce development and capacity building.

Funding: Central and Eastern Sydney Primary Health Network

Date commenced: 2017

Expected date of completion: 2018

Project website: <https://ndarc.med.unsw.edu.au/project/scoping-current-practices-and-support-needs-healthcare-providers-central-and-eastern-sydney>

The efficacy of behavioural activation therapy in treating depression among dependent illicit drug users: The Activate study

NDARC staff: Professor Maree Teesson, Dr Joanne Ross, Associate Professor Katherine Mills, Dr Sharlene Kaye, Ms Katrina Prior, Miss Ivana Kihis, Ms Joanne Cassar, Ms Philippa Ewer, Ms Sarah Masters, Ms Sonja Memedovic

Collaborators: Professor Carl Lejuez (University of Maryland), Professor Kathleen Brady (Medical University of South Carolina), Dr Glenys Dore (Northern Sydney Drug & Alcohol Service)

Project summary: On entry to drug and alcohol treatment approximately 25% of heroin users and 40% of methamphetamine users meet criteria for Major Depression, and this comorbidity has been linked to poorer treatment outcomes. One treatment approach that has shown promise among residential rehabilitation clients in the United States is Behavioural Activation Therapy for Depression. This study seeks to examine the feasibility of using this approach among depressed opioid replacement therapy and residential rehabilitation clients.

Funding: National Health and Medical Research Council

Date commenced: 02/2013

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/node/111809>



ALICE KNIGHT

Alice completed her PhD at NDARC in 2017 estimating the costs and benefits of a multi-component intervention for young people with multiple and complex needs. She is currently Acting Manager of the Evaluation and Research Department of Family and Community Services.

“A challenge for the sector is to move away from a focus on descriptive research and toward a focus on intervention research in real-world settings and embedding findings into program improvements.”

The global harm reduction response – an assessment of the current situation, interventions and evaluation of specific programs

NDARC staff: Ms Rebecca Bosworth, Professor Michael Farrell, Professor Kate Dolan

Collaborators: Professor Frederick Altice (Yale University School of Medicine & School of Public Health Section of Infectious Diseases, AIDS Program & Division of Epidemiology of Microbial Diseases), Professor Stuart Kinner (Melbourne School of Population & Global Health, The University of Melbourne, Murdoch Children's Research Institute & University of Melbourne)

Project summary: This project attempts to understand the global epidemiology of infectious disease among prisoners in all countries. It will also assess the level of availability and coverage of interventions from the United Nations Comprehensive Package of HIV prevention, treatment and care services in prisons and other closed settings, in every country.

Funding: United Nations Office on Drugs and Crime (UNODC)

Date commenced: 02/2017

Expected date of completion: 07/2018

Project website: <https://ndarc.med.unsw.edu.au/project/global-harm-reduction-response-assessment-current-situation-interventions-and-evaluation>

The Horizons Project: An empirical analysis of alcohol and drug treatment funding, purchasing and workforce mechanisms

NDARC staff: Professor Alison Ritter, Associate Professor Timothy Dobbins, Dr Jenny Chalmers, Dr Katinka Van de Ven, Ms Michala Kowalski

Collaborators: Dr Michael Livingston (La Trobe University), Dr Lynda Berends (Trace Research), Professor Harvey Whiteford (The University of Queensland), Mr Sam Biondo (CEO, Victorian Alcohol And other Drug Association (VAADA)), Ms Helene Delany (Manager, Alcohol and other Drug Policy, ACT Health), Associate Professor Adrian Dunlop (Addiction Medicine Specialist, NSW Ministry of Health), Dr Moira Hewitt (Head, Tobacco Alcohol and Other Drugs Unit, Australian Institute of Health and Welfare), Ms Rebecca Lang (CEO, Queensland Network of Alcohol and Drug Agencies (QNADA)), Professor Ann Roche (Director, National Centre Education and Training on Addictions (NCETA)), Dr Kerstin Stenius (Department of Mental Health & Substance Abuse Services, National Inst for Health & Welfare, Finland), Associate Professor Jessica Storbjork (Stockholm University, Sweden)

Project summary: Alcohol and other drug (AOD) treatment is key for improving health and reducing the social impact of AOD use. However, the treatment itself is not the only variable that impacts on whether health outcomes are improved. The way in which treatment is funded, purchased, and staffed is likewise important. While these variables are important determinants of treatment outcomes, no Australian research to date has examined how the funding, purchasing, and staffing of treatment impacts on client treatment outcomes.

Funding: NHMRC Project Grant (GNT1128100)

Date commenced: 04/2017

Expected date of completion: 03/2020

Project website: <https://ndarc.med.unsw.edu.au/project/alcohol-and-other-drug-treatment-funding-purchasing-and-workforce-empirical-analyses-inform>

The POPPY Project: Investigating the use of prescribed opioids in Australia

NDARC staff: Professor Louisa Degenhardt, Associate Professor Timothy Dobbins, Dr Natasa Gisev, Dr Briony Larance, Dr Sarah Larney

Collaborators: Professor Sallie Pearson (Centre for Big Data Research in Health, UNSW Australia), Ms Bianca Blanch (Faculty of Pharmacy, University of Sydney)

Project summary: This research project seeks to examine the patterns and costs of Pharmaceutical Benefits Scheme-subsidised opioid use, including extra-medical use, in the Australian population.

Funding: National Health and Medical Research Council

Date commenced: 09/2013

Expected date of completion: 12/2018

Project website: <https://ndarc.med.unsw.edu.au/project/poppy-project-investigating-use-prescribed-opioids-australia>

PATTERNS OF ALCOHOL AND DRUG USE

2000 stories: The Victorian Adolescent Health Cohort Study

NDARC staff: Professor Louisa Degenhardt, Dr Wendy Swift

Collaborators: Professor George Patton (Murdoch Children's Research Institute), Professor Stephanie Brown (Murdoch Children's Research Institute), Professor John Carlin (Murdoch Children's Research Institute), Dr Carolyn Coffey (Murdoch Children's Research Institute), Professor Wayne Hall (University of Queensland), Professor Jeremy Oats (University of Melbourne), Associate Professor Craig Olsson (Deakin University)

Project summary: 2000 stories is a landmark longitudinal study of adolescent health and development. A group of 2,000 Year 9 Victorian students was selected in 1992 and have been regularly surveyed through secondary school and into adulthood. This study is improving our understanding of adults and how adolescent experiences, health and lifestyles may affect physical and emotional health in adulthood.

Funding: National Health and Medical Research Council; Australian Rotary Health Mental Health of Young Australians Research Grant; Australian Federal Government Department of Health and Ageing

Date commenced: 01/1992

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/2000-stories-victorian-adolescent-health-cohort-study>

Binge drinking and the adolescent frontal lobe

NDARC staff: Professor Maree Teesson, Dr Louise Mewton

Collaborators: Professor Caroline Rae (NeuRA), Dr Lucette Cysique (NeuRA), Professor Roland Henry (Berkley USA)

Project summary: The available evidence supports the hypothesis that heavy adolescent alcohol consumption disrupts cortical development and promotes continued impulsive behaviour, alcohol abuse and risk of alcohol dependence. However, there are few studies of the brain particularly targeted to binge drinking effects in adolescent humans, and none examining the crucial development of connectivity in relation to cognition. Our preliminary data show significant cognitive and structural deficits in binge drinkers compared to controls, as well as gender specific responses to binge drinking.

Funding: NDARC seeking NHMRC funding

Date commenced: 2009

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/node/300000506>

Cannabis Cohorts Research Consortium (CCRC)

NDARC staff: Professor Richard Mattick, Dr Edmund Silins, Professor Louisa Degenhardt, Associate Professor Tim Slade, Dr Wendy Swift

Collaborators: Professor Steve Allsop (National Drug Research Institute, Curtin University of Technology), Dr Denise Becker (Murdoch Children's Research Institute, University of Melbourne), Dr Rohan Borschmann (Murdoch Children's Research Institute, University of Melbourne), Associate Professor Raimondo Bruno (University of Tasmania), Dr Carolyn Coffey (Centre for Adolescent Health, University of Melbourne), Professor David Fergusson (Christchurch School of Medicine and Health Sciences, University of Otago), Professor Wayne Hall (School of Population Health, University of Queensland), Associate Professor John Horwood (Christchurch School of Medicine and Health Sciences, University of Otago), Dr Delyse Hutchinson (Deakin University), Dr Primrose Letcher (School of Paediatrics, Royal Children's Hospital, Melbourne), Professor Jake Najman (Queensland Alcohol and Drug Research and Education, University of Queensland), Dr Craig Olsson (Centre for Social and Early Emotional Development, Deakin University; Murdoch Children's Research Institute, Royal Children's Hospital, Melbourne), Professor George Patton (Centre for Adolescent Health, University of Melbourne), Dr Maria Plotnikova (University of Queensland), Dr Helena Romaniuk (Murdoch Children's Research Institute, University of Melbourne), Dr Rachel Skinner (Telethon Institute for Child Health, University of Western Australia), Dr Elizabeth Spry (Murdoch Children's Research Institute, University of Melbourne), Dr Robert Tait (Centre for Mental Health Research, Australian National University), Professor John Toumbourou (School of Psychology, Deakin University), Dr George Youssef (Centre for Social and Early Emotional Development, Deakin University; Murdoch Children's Research Institute, Royal Children's Hospital, Melbourne)

Project summary: The Cannabis Cohorts Research Consortium (CCRC) is a collaboration which stemmed from the need to better address pressing questions about the relationship between cannabis, other drug use, life-course outcomes and mental health in children and young adults.

Funding: NDARC and NHMRC Project Grant

Date commenced: 2006

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/node/300000024>

Centre of Research Excellence in Mental Health and Substance Use: Translating innovative prevention and treatment

NDARC staff: Professor Maree Teesson, Associate Professor Katherine Mills, Associate Professor Frances Kay-Lambkin, Dr Cath Chapman, Associate Professor Tim Slade, Associate Professor Nicola Newton, Dr Joanne Ross, Dr Wendy Swift, Dr Emma Barrett, Dr Christina Marel, Dr Matthew Sunderland, Dr Lexine Stapinski, Dr Louise Mewton, Dr Louise Thornton, Ms Sally Hunt, Dr Tonelle Handley, Ms Erin Kelly, Dr Katrina Champion, Ms Sonja Memedovic, Ms Kathryn Woodcock, Ms Katrina Prior, Dr Louise Birrell, Mr Brad Shaw, Miss Natasha Nair, Miss Ivana Kihlas, Miss Siobhan Lawler

Collaborators: Professor Amanda Baker (University of Newcastle), Professor Paul Haber (Royal Prince Alfred Hospital), Associate Professor Andrew Baillie (Macquarie University), Professor Helen Christensen (UNSW), Professor Max Birchwood (University of Birmingham, UK), Professor Bonnie Spring (Northwestern University, USA), Professor Kathleen Brady (Medical University of South Carolina, USA), Ms Leonie Manns (consumer advocate), Mr Trevor Hazell (Hunter Institute of Mental Health), Professor Robyn Richmond (UNSW), Professor Brian Kelly (University of Newcastle), Dr Brian Hitsman (Northwestern University, USA), A/Prof Leanne Hides (Queensland University of Technology), Dr Pete Kelly (University of Wollongong), Dr Glenys Dore (University of Sydney), Dr Ali Beck (University of Newcastle), Jenny Geddes (University of Newcastle), Miriam Forbes (Macquarie University), Warren Logge (Macquarie University), Mikki Subotic (Macquarie University), Kris Tulloch (Macquarie University), Dr Erica Crome (Macquarie University), Dr Kirsten Morley (Sydney University)

Project summary: Mental health and substance use disorders account for more years of life lost due to disability than any other disorders. These disorders often occur together (comorbidity), affecting more than 300,000 Australians every year. Despite the significance of these conditions, the evidence surrounding the effective prevention and treatment of co-occurring disorders is weak. Our Centre of Research Excellence (CRE) in Mental Health and Substance Use aims to build much needed research capacity in this area.

Funding: National Health and Medical Research Council

Date commenced: 11/2012

Project website: <https://ndarc.med.unsw.edu.au/project/centre-research-excellence-mental-health-and-substance-use-translating-innovative-prevention>

Climate Schools Plus (CSP) Study

NDARC staff: Associate Professor Nicola Newton, Dr Cath Chapman, Associate Professor Tim Slade, Dr Louise Thornton, Ms Chloe Conroy, Miss Dana Leidl, Professor Maree Teesson

Collaborators: Dr Ina Koning (Utrecht University, The Netherlands) Steve Allsop (Curtin University), Sara Hole (Parent Consultant)

Project summary: This study will investigate the first online alcohol and substance use prevention program targeted at both students and their parents. Students will receive the Climate Schools substance use modules during their health classes, while their parents will be asked to view webinars, rank rules and access their own modules and summaries in line with the student program content. The attitudes and behaviours of students and parents towards alcohol and cannabis will be assessed over three years, to investigate the influence of the Climate Schools Plus program on these outcomes.

Funding: Australian Government Department of Health and the Society for Mental Health Research

Date commenced: 01/2017

Expected date of completion: 12/20

Project website: <https://ndarc.med.unsw.edu.au/project/climate-schools-plus-csp-study>

Drugs and New Technologies (DNeT)

NDARC staff: Ms Amanda Roxburgh, Associate Professor Lucinda Burns

Collaborators: Dr Raimondo Bruno (University of Tasmania)

Project summary: The Drugs and New Technologies (DNeT) project aims to investigate substance availability on online drug marketplaces, as well as market characteristics and consumer activity. It also aims to monitor new drugs as they emerge, as well as internet forum discussion of these drugs.

Funding: Australian Government Department of Health and Ageing

Date commenced: 09/2012

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/drugs-and-new-technologies-dnet>

Global Burden of Disease: Mental Disorders and Illicit Drug Use Expert Group

NDARC staff: Professor Louisa Degenhardt

Collaborators: Harvey Whiteford (Queensland Centre for Mental Health Research, University of Queensland), Janni Leung (Queensland Centre for Mental Health Research, University of Queensland), Fiona Charlson (Queensland Centre for Mental Health Research, University of Queensland), Alize Ferrari (Queensland Centre for Mental Health Research, University of Queensland), Holly Erskine (Queensland Centre for Mental Health Research, University of Queensland), Wayne Hall (University of Queensland), Damian Santomauro (Queensland Centre for Mental Health Research, University of Queensland), Christopher Murray (Institute for

health Metrics and Evaluation, University of Washington, Seattle), Theo Vos (Institute for health Metrics and Evaluation, University of Washington, Seattle), Mohsen Naghavi (Institute for health Metrics and Evaluation, University of Washington, Seattle), Haidong Wang (Institute for health Metrics and Evaluation, University of Washington, Seattle), Alan Lopez (University of Melbourne)

Project summary: The Global Burden of Disease (GBD) project provides comprehensive and comparable data on mortality and loss of health due to diseases, injuries and risk factors for all regions of the world. NDARC's role in the GBD study has been to calculate the levels of disease, injury and death associated with illicit drug use and dependence.

Funding: National Health and Medical Research Council (NHMRC) Fellowship

Date commenced: 07/2007

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/global-burden-disease-mental-disorders-and-illicit-drug-use-expert-group>

Global Consortium to Advance Data on the Epidemiology and Health Impacts of Illicit Drug Use

NDARC staff: Professor Louisa Degenhardt, Dr Sarah Larney, Dr Amy Peacock, Miss Samantha Colledge, Professor Michael Farrell, Professor Richard Mattick

Collaborators: Dr Janni Leung (University of Queensland), Associate Professor Jason Grebely (Kirby Institute), Professor Matt Hickman (University of Bristol), Prof Peter Vickerman (University of Bristol), Professor John Strang (King's College London), Professor Michael Lynskey (King's College London), Professor John Marsden (King's College London), Dr Lindsey Hines (King's College London), Mr Jack Stone (University of Bristol), Mr Adam Trickey (University of Bristol), Mr Evan Cunningham (Kirby Institute), Professor Wayne Hall (University of Queensland), Mr Konstantin Dumchev (Ukrainian Institute on Public Health Policy), Mr Paul Griffiths (EMCDDA), Professor Jurgen Rehm (CAMH)

Project summary: We have developed a multidisciplinary global consortium of researchers who can provide independent high-quality evidence regarding the scale of illicit drug use, harms, access to services at country, regional and global levels, and build capacity for better data in these areas.

Funding: Open Society Foundations; The Global Fund; WHO; UNAIDS; United Nations Office on Drugs and Crime; Australian National Drug and Alcohol Research Centre, UNSW Sydney

Date commenced: 2016

Expected date of completion: TBC

Project website: <https://ndarc.med.unsw.edu.au/project/global-consortium>

Improving GP prescribing of pharmaceutical opioids

NDARC staff: Professor Anthony Shakeshaft, Dr Briony Larance, Mrs Toni Karlsson, Professor Louisa Degenhardt

Collaborators: Dr Simon Holliday (Albert St Medical Centre), Dr Fiona Shand (Black Dog Institute, UNSW), Dr David Gorman (Spine Service, St George Hospital), Dr Denis Petrie (University of Melbourne)

Project summary: There has been very little evaluation of the effectiveness of strategies to assist GPs to manage chronic pain patients on prescription opioids, even high-risk patients. This project involves a pilot trial of two approaches to inform a large scale RCT.

Funding: NSW Ministry of Health

Date commenced: 06/2013

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/improving-gp-prescribing-pharmaceutical-opioids>

National Illicit Drug Indicators Project (NIDIP)

NDARC staff: Associate Professor Lucinda Burns, Ms Amanda Roxburgh

Project summary: NIDIP was established in the recognition that there was a greater need for the regular dissemination of trends in the epidemiology of drug-related harms in Australia. It was also established to provide comparable monitoring at an international level as there is increasing recognition among international organisations and countries of the need for evidence-based decision making in order to respond effectively to drug-related problems, particularly given the transborder issues associated with global drug trafficking.

Funding: Australian Government Department of Health and Ageing

Date commenced: 06/2002

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/national-illicit-drug-indicators-project-nidip>

National Opioid Medications Abuse Deterrence (NOMAD) study

NDARC staff: Professor Louisa Degenhardt, Dr Briony Larance, Professor Michael Farrell, Dr Gabrielle Campbell, Dr Suzanne Nielsen

Collaborators: Dr Raimondo Bruno (School of Psychology, University of Tasmania), Associate Professor Robert Ali (School of Medical Sciences, University of Adelaide), Associate Professor Nicholas Lintzeris (The Langton Centre, SE Sydney Local Health District Drug and Alcohol Services; and University of Sydney), Dr Apo Demirkol (The Langton Centre; and University of Sydney), Associate Professor Adrian Dunlop (Hunter New England Local Health District), Professor Paul Haber (Royal Prince Alfred Hospital; University of Sydney), Amy Peacock (University of Tasmania), Dr Nghi Phung (South Western Sydney Local Health District), Dr Nancy White (School of Medical Sciences, University of Adelaide)

Project summary: This project will examine the level of extra-medical use of oxycodone in Australia and how it compares to extra-medical use of other opioids; whether there is less non-medical use of Reformulated OxyContin®; how pharmaceutical opioid use changes following the introduction of new opioid formulations to the market;

and long term outcomes for regular non-medical users of pharmaceutical opioids.

Funding: Mundipharma untied educational grant

Date commenced: 09/2013

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/national-opioid-medications-abuse-deterrence-nomad-study>

Non-medical use of prescription stimulants by Australian university students: Attitudes, prevalence, and motivations for use

NDARC staff: Dr Sharlene Kaye, Professor Michael Farrell

Collaborators: Associate Professor Jayne Lucke (Australian Research Centre in Sex, Health and Society, La Trobe University), Dr Bradley Partridge (Research Development Unit, Caboolture Hospital), Dr Matthew Dunn (School of Health & Social Development, Deakin University), Professor Wayne Hall (Centre for Youth Substance Abuse Research, University of Queensland), Dr Eric Racine (Institut de recherches cliniques de Montréal), Charmaine Jensen (School of Medicine, University of Queensland)

Project summary: This project examines the non-medical use of prescription stimulant drugs among Australian university students for cognitive enhancement purposes. It will, for the first time in Australia, comprehensively examine attitudes, prevalence, motivations, and patterns and consequences of use. This study will shed light on whether this is a problematic trend in Australia, and what should be done to protect the health of young people in this regard.

Funding: ARC Discovery Project Grant

Date commenced: 03/2013

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/non-medical-use-prescription-stimulants-australian-university-students-attitudes-prevalence>

Tapentadol Extra-Medical Use Study

NDARC staff: Professor Louisa Degenhardt, Dr Amy Peacock, Dr Briony Larance, Professor Michael Farrell

Collaborators: Dr Rose Cairns (NSW Poisons Information Centre, The Children's Hospital at Westmead, NSW, Australia; School of Medical Sciences, University of Sydney, Sydney, NSW), Professor Nicholas Buckley (NSW Poisons Information Centre, The Children's Hospital at Westmead, NSW, Australia; School of Medical Sciences, University of Sydney, Sydney, NSW)

Project summary: Clinical trials suggest that tapentadol provides equivalent or superior levels of pain relief for acute and chronic pain similar to oxycodone and morphine, with greater gastro-intestinal tolerability in terms of reduced rates of nausea, vomiting, and constipation. Although a sustained-release formulation of tapentadol was released in Australia in 2011, and listed for subsidy on the Pharmaceutical Benefits Scheme in November 2013, no research into rates into dispensing, extra-medical use, and associated harms



AMY PEACOCK

Amy Peacock joined NDARC in 2016 as an NHMRC Early Career Research Fellow. She manages the Drug Trends Program. Her research interests include exploring alcohol-related mortality and morbidity, alcohol and other drug interactions, pharmaceutical opioid extra-medical use and illicit drug markets.

“A key challenge for the sector is the proliferation of new psychoactive substances, rapid changes in forms used, and increasingly imprecise distinction between ‘new’ and ‘traditional’ substances.”

of the tapentadol sustained-release formulation has been undertaken in Australia.

Funding: Seqirus (untied educational grant)

Date commenced: 06/2017

Expected date of completion: 06/2018

Project website: <https://ndarc.med.unsw.edu.au/project/tapentadol-extra-medical-use-study>

The Ecstasy and Related Drugs Reporting System (EDRS)

NDARC staff: Associate Professor Lucinda Burns, Ms Rachel Sutherland, Ms Kerry Butler, Julia Uporova, Mrs Natasha Winsley, Mrs Toni Karlsson, Ms Courtney O'Donnell, Dr Amy Peacock

Collaborators: Paul Dietze (Macfarlane Burnet Institute for Medical Research and Public Health Burnet Institute), Arthur Truong (Macfarlane Burnet Institute for Medical Research and Public Health Burnet Institute), Raimondo Bruno (University of Tasmania), Allison Matthews (University of Tasmania), Rosa Alati (QADREC), Caroline Salom (QADREC), Simon Lenton (National Drug Research Institute), Marina Nelson (National Drug Research Institute)

Project summary: The Ecstasy and Related Drugs Reporting System (EDRS) is a national monitoring system for ecstasy and related drugs that is intended to identify emerging trends of local and national interest in the markets for these drugs. The EDRS is based on the Illicit Drug Reporting System methodology and consists of three components: interviews with regular ecstasy and psychostimulant users; interviews with key experts (professionals who have regular contact with regular recreational users through their work), and analysis and examination of indicator data sources related to ecstasy and other related drugs.

Funding: Australian Government Department of Health

Date commenced: 01/2003

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/ecstasy-and-related-drugs-reporting-system-edrs>

The Illicit Drug Reporting System (IDRS)

NDARC staff: Associate Professor Lucinda Burns, Ms Kerry Butler, Julia Uporova, Ms Rachel Sutherland, Mrs Toni Karlsson, Ms Courtney O'Donnell, Dr Amy Peacock

Collaborators: Chris Moon (Department of Health and Community Services), Rosa Alati (Queensland Alcohol and Drug Research and Education Centre), Caroline Salom (Queensland Alcohol and Drug Research and Education Centre), Raimondo Bruno (University of Tasmania), Bethany Lusk (University of Tasmania), Amy Peacock (University of Tasmania), Simon Lenton (National Drug Research Institute), James Fetherston (National Drug Research Institute), Paul Dietze (Burnet Institute Victoria), Campbell Aitken (Burnet Institute Victoria), Amy Kirwan (Burnet Institute Victoria)

Project summary: The Illicit Drug Reporting System (IDRS) is a national illicit drug monitoring system intended to identify emerging trends of local and national concern in illicit drug markets. The IDRS monitors the price, purity, availability and

patterns of use of heroin, methamphetamine, cocaine and cannabis. The IDRS is designed to be sensitive to trends, providing data in a timely manner, rather than describing issues in detail.

Funding: Australian Government Department of Health

Date commenced: 01/1997

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/illicit-drug-reporting-system-idrs-0>

The RADAR Project: identifying early warning signals on the pathways to alcohol use disorder

NDARC staff: Associate Professor Tim Slade, Dr Wendy Swift, Dr Louise Mewton, Professor Richard Mattick, Professor Maree Teesson

Collaborators: Professor Kypros Kypri (University of Newcastle), Professor Michael Lynskey (King's College London), Professor Peter Butterworth (University of Melbourne), Professor Jake Najman (University of Queensland), Professor George Patton (University of Melbourne), Dr Delyse Hutchinson (Deakin University), Dr Nyanda McBride (Curtin University), Dr Orla McBride (University of Ulster), Associate Professor Rosa Alati (University of Queensland), Associate Professor Tammy Chung (Pennsylvania University), Associate Professor Raimondo Bruno (University of Tasmania)

Project summary: In 2004/5, alcohol accounted for 27% (= \$15.3 billion) of the Australian social costs of drug abuse, with alcohol use disorder (AUD), defined as a cluster of cognitive, behavioural and physiological symptoms indicating continued alcohol use despite significant problems, representing the most costly alcohol-related harm. Australian and international adult population data indicate that the peak age of onset of AUD is 18 years, thus a deeper understanding of the adolescent experience is vital if we are to identify modifiable risk factors and intervene early in the developmental course of this disabling disorder.

Funding: UNSW Goldstar Near-miss NHMRC project grant (2013 & 2015), NHMRC Project Grant (2016-2020)

Date commenced: 01/2013

Expected date of completion: 05/2021

Project website: <https://ndarc.med.unsw.edu.au/project/radar-project-identifying-early-warning-signals-pathways-alcohol-use-disorder>

The role of psychostimulants in fatal stroke among young people

NDARC staff: Professor Shane Darke, Dr Julia Lappin

Collaborators: Professor Johan Duflou (University of Sydney), Dr Sharlene Kaye (NSW Health)

Project summary: The study will examine all cases of fatal stroke in Australia amongst young people (<45 years) over the period 2009-2016 to determine the role of psychostimulants in these events.

Funding: TBA

Date commenced: 10/2017

Expected date of completion: 10/2018

Project website: <https://ndarc.med.unsw.edu.au/project/role-psychoactive-fatal-stroke-among-young-people>

Understanding the health and service needs of diverse populations of pharmaceutical opioid users: Cohort studies of dependent users in treatment, and people who inject drugs

NDARC staff: Dr Suzanne Nielsen, Dr Briony Larance, Professor Louisa Degenhardt, Professor Michael Farrell, Professor Richard Mattick, Associate Professor Lucinda Burns, Dr Gabrielle Campbell

Collaborators: Associate Professor Nicholas Lintzeris (Drug and Alcohol Services, South East Sydney and Illawarra Area Health), Professor Milton Cohen (St Vincent's Hospital, Sydney), Associate Professor Raimondo Bruno (University of Tasmania), Dr Jennifer Johnson (University Centre for Rural Health, Lismore), Amanda Brown (Drug and Alcohol Clinical Services, Hunter New England Local Health District), Ian Flaherty (Sydney Medically Supervised Injecting Centre)

Project summary: This project will provide crucial new data on the nature and trajectories of Pharmaceutical Opioid (PO) use through the study and follow-up of two very different and yet extremely important groups of pharmaceutical opioid users: those attending treatment services for PO dependence, and people who inject drugs (PWID).

Date commenced: 2012

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/understanding-health-and-service-needs-diverse-populations-pharmaceutical-opioid-users>

Young Australians Alcohol Reporting System (YAARS)

NDARC staff: Professor Richard Mattick, Associate Professor Lucinda Burns, Ms Alexandra Aiken

Collaborators: **WA** (national coordinators): Professor Steve Allsop, Dr Tina Lam, Professor Simon Lenton, Professor Tanya Chikritzhs, Dr Wenbin Liang, Mr William Gilmore (National Drug Research Institute, Curtin University); **VIC:** Professor Dan Lubman, Associate Professor Belinda Lloyd (Turning Point Alcohol and Drug Centre, Monash University); **TAS:** Associate Professor Raimondo Bruno (School of Psychology, University of Tasmania); **SA:** Professor Ann Roche (National Centre for Education and Training on Addiction (NCETA), Flinders University); **ACT:** Ms Helene Delany, Mr Philip Hull (ACT Health); **NT:** Professor Richard Midford (Charles Darwin University & the Menzies School of Health Research); **QLD:** Professor Rosa Alati (School of Public Health, University of QLD)

Project summary: In order to effectively respond to risky drinking among young people, we need enhanced information about the nature, patterns and contexts of use. By engaging with young people and ensuring their input, this can assist us to direct policy, prevention and treatment efforts. This project will develop an approach that will be implemented nationally. It will combine information from existing data sources with annual data gathering, targeting at-risk young people (14-19 years old).

Funding: The National Drug Research Institute at Curtin University, with funding from the Australian Government under the Substance Misuse Prevention and Service Improvement Grants Fund

Date commenced: 09/2012

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/young-australians-alcohol-reporting-system-years>

PREVENTION AND EARLY INTERVENTION

Can parents teach their children to drink alcohol responsibly? Or, is one drop a drop too many?

NDARC staff: Professor Richard Mattick, Associate Professor Tim Slade, Dr Amy Peacock, Ms Alexandra Aiken

Collaborators: Professor Jakob Najman (Queensland Alcohol & Drug Research and Education Centre, University of Queensland), Associate Professor Kypros Kypri (School of Medicine and Public Health, University of Newcastle), Dr Nyanda McBride (National Drug Research Institute, Curtin University), Associate Professor Raimondo Bruno (School of Psychology, University of Tasmania), Dr Delyse Hutchinson (School of Psychology, Deakin University), Associate Professor John Horwood (University of Otago, New Zealand), Professor Jim McCambridge (University of York, UK)

Project summary: The impact of parental supply is not well understood and may be unintentionally harmful. This study will research the consequences of parental supply within the broader context of parent, child and peer relationships. It will help to determine how parental supply influences the different patterns of adolescent alcohol consumption over time, providing essential information to help parents prevent alcohol misuse in their children.

Funding: Australian Research Council – Discovery Project, Australian Rotary Health Mental Health Research Grant, Australian Rotary Health Whitcroft Family PhD Scholarship, Foundation for Alcohol Research & Education, Australian Federal Government Australian Postgraduate Award 2018-2022 NHMRC grant (APP1146634)

Date commenced: September 2010

Expected date of completion: December 2022

Project website: <https://ndarc.med.unsw.edu.au/project/can-parents-teach-their-children-drink-alcohol-responsibly-or-one-drop-drop-too-many>

Development and evaluation of a school-based early intervention to reduce cannabis use and associated harms among high risk adolescents

NDARC staff: Ms Lisa Gibson

Collaborators: Dr Sally Nathan (School of Public Health and Community Medicine, UNSW)

Project summary: This research seeks to address the gap in early intervention research for cannabis use by developing and evaluating a school-based early intervention targeting young people suspended from school for a cannabis-related issue.

Funding: Australian Rotary Health Ian Scott PhD Scholarship



RYAN COURTNEY

Ryan joined NDARC in 2013 as a postdoctoral researcher on a study aimed at helping low income people quit smoking. He currently leads NDARC's smoking research team. His research has a strong focus on the relationships between social disparities, including socio-economic inequalities and health behaviours and outcomes.

“Above all what I have learned at NDARC is to independently ask and seek to answer big research questions that peak health bodies want answers to.”

Date commenced: 03/2015

Expected date of completion: 08/2018

Project website: <https://ndarc.med.unsw.edu.au/project/development-and-evaluation-novel-school-community-based-intervention-reduce-cannabis-use-and>

Involving children in social research: balancing the risks and benefits

NDARC staff: Dr Jenny Chalmers

Collaborators: Associate Professor Stephanie Taplin (Australian Catholic University), Professor Morag McCarthur (Australian Catholic University), Professor Anne Graham (Southern Cross University), Dr Merle Spriggs (University of Melbourne), Dr Tim Moore (Australian Catholic University)

Project summary: There is a growing consensus that children's involvement in social research is important, but considerable uncertainty remains around children's inclusion in research on 'sensitive' issues, reflecting concerns about how to balance children's protection with their participation. Key to this are deeply embedded assumptions and beliefs about, children and childhood, especially concerning notions of capacity, agency, vulnerability, and dependency. This goal of this study is to better understand and address the tensions between the protection of children and young people and their participation in social research about sensitive issues.

Funding: Australian Catholic University/ ARC Discovery Project Shared Grant

Date commenced: 01/2015

Expected date of completion: 12/2018

Project website: <https://ndarc.med.unsw.edu.au/project/involving-children-social-research-balancing-risks-and-benefits>

Making INROADs: Interrupting the cycle of Anxiety and Drinking

NDARC staff: Dr Lexine Stapinski, Professor Maree Teesson, Associate Professor Nicola Newton, Dr Cath Chapman, Associate Professor Tim Slade, Ms Katrina Prior, Ms Briana Lees

Collaborators: Dr Jon Heron (Bristol University), Professor Andrew Baillie (Macquarie University), Professor Patricia Conrod (University of Montreal), Dr Mark Deady (Black Dog Institute)

Project summary: Anxiety and alcohol use disorders are among the most prevalent and debilitating of mental health disorders, and commonly co-occur. This project aims to address crucial questions about when and how to intervene to prevent the onset and exacerbation of alcohol and anxiety comorbidity.

Funding: Society of Mental Health Research: Early Career Fellowship awarded to Dr Stapinski

Date commenced: 01/2016

Expected date of completion: 03/2020

Project website: <https://ndarc.med.unsw.edu.au/project/making-inroads-interrupting-cycle-anxiety-and-drinking>

Pathways to prevention: The effectiveness of universal and selective prevention in altering the developmental pathways to alcohol related harms in young adults

NDARC staff: Associate Professor Nicola Newton, Professor Maree Teesson, Dr Lexine Stapinski, Associate Professor Tim Slade, Dr Emma Barrett, Dr Cath Chapman, Dr Katrina Champion, Ms Anna Smout, Mr Marius Mather, Miss Siobhan Lawler, Ms Lisa Gibson, Miss Ivana Kihlas

Collaborators: Professor Patricia Conrod, Assistant Professor Natalie Castellanous-Ryan

Project summary: The CAP *long-term follow up* is an opportunistic extension of the landmark CAP study, whereby follow up of the original Climate and Preventure (CAP) study cohort will extend beyond the completion of secondary school and into the critical transition period of early adulthood.

Funding: National Health and Medical Research Council (APP1004744; APP1124958)

Date commenced: 01/2017

Expected date of completion: 12/2019

Project website: <https://ndarc.med.unsw.edu.au/project/school-based-prevention-study-benefits-young-australians-two-drug-prevention-programs>

Positive Choices: National Drug and Alcohol Prevention Portal

NDARC staff: Dr Lexine Stapinski, Associate Professor Nicola Newton, Miss Siobhan Lawler, Professor Maree Teesson, Dr Cath Chapman, Associate Professor Frances Kay-Lambkin

Collaborators: Dr Nyanda McBride (National Drug Research Institute, Curtin University), Professor Steve Allsop (National Drug Research Institute, Curtin University), Netfront, Australian Government Department of Health

Project summary: Providing young people with accurate, up-to-date information and support is the best way to prevent the harms associated with drug and alcohol use. With input from teachers, parents and students across Australia we are compiling drug education resources that are engaging, interactive, and proven to improve student wellbeing.

Funding: Australian Government Department of Health

Date commenced: 09/2013

Expected date of completion: 06/2020

Project website: <https://ndarc.med.unsw.edu.au/project/development-positive-choices-online-portal-drug-education-resources-school-communities>

Routine Opioid Outcome Monitoring in Community Pharmacy

NDARC staff: Dr Suzanne Nielsen, Dr Raimondo Bruno, Professor Alison Ritter, Ms Michala Kowalski

Collaborators: Ms Chris Keyes (Central and Eastern Sydney Primary Health Networks), Associate Professor Apo Demirkol (South Eastern Sydney Local Health District), Ms Pene Wood (Latrobe University)

Project summary: This project aims to embed screening for key pain-related outcomes and emerging problems with pharmaceutical opioids into community pharmacy practice. This will assist pharmacists to identify where poor outcomes or problems are emerging, and support patient education and prescriber review.

Funding: National Health and Medical Research Council Translating Research Into Practice (TRIP) Fellowship. UNSW Medicine Neuroscience, Mental Health and Addictions Theme and SPHERE Mindgardens CAG Collaborative Research Seed Funding

Date commenced: 03/2018

Expected date of completion: 03/2019

Project website: <https://ndarc.med.unsw.edu.au/project/routine-opioid-outcome-monitoring-community-pharmacy>

The CAP study: Combining effective universal and targeted approaches to drug prevention

NDARC staff: Professor Maree Teesson, Associate Professor Nicola Newton, Associate Professor Tim Slade, Dr Katrina Champion, Miss Natasha Nair, Dr Emma Barrett, Ms Erin Kelly, Ms Julia Rosenfeld, Miss Lucie Swaffield, Dr Natacha Carragher, Dr Lexine Stapinski

Collaborators: Associate Professor Patricia Conrod (King's College University, London, UK & University of Montreal, Canada)

Project summary: The current proposal develops and evaluates a comprehensive approach to preventing substance use and related harms in adolescents by combining effective 'universal' and 'targeted' school-based prevention programs. The proposed model, known as the CAP (Climate and Preventure) intervention, builds on our unique success in this area through developing the effective universal Climate, and targeted Preventure programs.

Funding: NHMRC Project Grant: APP1004744

Date commenced: 01/2011

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/cap-study-combining-effective-universal-and-targeted-approaches-drug-prevention>

Triple B: Bumps, babies and beyond

NDARC staff: Dr Delyse Hutchinson, Professor Richard Mattick, Associate Professor Lucinda Burns, Dr Judy Wilson, Miss Ingrid Honan, Miss Clare McCormack, Ms Hannah Fiedler, Dr Larissa Rossen, Ms Danya Braunstein

Collaborators: Professor Steve Allsop (National Drug and Alcohol Research Institute, Curtin University), Professor Jakob Najman (Queensland Alcohol and Drug Research and Education Centre, University of QLD), Professor Elizabeth Elliott (The Children's Hospital at Westmead, University of Sydney Clinical School), Dr. Susan Jacobs (Royal Prince Alfred Hospital), Dr Craig Olsson (Centre for Social and Early Emotional Development, Deakin University; Murdoch Children's Research Institute, Royal Children's Hospital, Melbourne), George Youssef (Centre for Social and Early Emotional Development, Deakin University; Murdoch

Children's Research Institute, Royal Children's Hospital, Melbourne), Jennifer McIntosh (Centre for Social and Early Emotional Development, Deakin University; Murdoch Children's Research Institute, Royal Children's Hospital, Melbourne), Peter Enticott (Centre for Social and Early Emotional Development, Deakin University, Melbourne)

Project summary: The Triple B Study: Bumps, Babies and Beyond is an innovative Australian study of approximately 1600 families. The project is a longitudinal pregnancy cohort which examines a wide range of biopsychosocial factors that relate to the health and development of Australian children and families. Importantly, the project has a key focus on examining the impacts of alcohol, tobacco and other drug use in pregnant women and their partners during the prenatal period on infant development and family functioning.

Funding: National Health and Medical Research Council – Project Grant

Date commenced: 01/2010

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/triple-b-bumps-babies-and-beyond>

DRUG POLICY

Comparing apples and oranges: investigating the utility of indexes as a measure of drug policy

NDARC staff: Professor Alison Ritter, Dr Caitlin Hughes, Ms Vivienne Moxham-Hall

Project summary: This is the PhD project of Vivienne Moxham-Hall (supervised by Professor Alison Ritter and Dr Caitlin Hughes) investigating the utility of indexes as a measure of drug policy. Indexes are the quantification of multi-dimensional complex issues into a single summable score and have been employed in many different fields.

Funding: DPMP Scholarship

Date commenced: 06/2015

Expected date of completion: 03/2019

Project website: <https://ndarc.med.unsw.edu.au/project/comparing-apples-and-oranges-investigating-utility-indexes-measure-drug-policy>

Cracks in the Ice: Development and dissemination of an online tool-kit to provide evidence-based information about crystal methamphetamine ("Ice")

NDARC staff: Associate Professor Nicola Newton, Dr Lexine Stapinski, Dr Cath Chapman, Associate Professor Frances Kay-Lambkin, Dr Katrina Champion, Professor Maree Teesson, Mr Brad Shaw, Miss Siobhan Lawler, Dr Louise Birrell, Miss Hannah Deen

Collaborators: Professor Steve Allsop (National Drug Research Institute, Curtin University), Dr Nyanda McBride (National Drug Research Institute, Curtin University)

Project summary: In recent years there has been growing attention on the use of crystal methamphetamine in Australia and the significant harms related to its use. In April

2015, the Australian Government established a National Ice Taskforce to provide advice to Government on the impacts of ice in Australia and actions needed to address this growing problem. As part of a co-ordinated response to a recommendation from the National Ice Taskforce, the Australian Government Department of Health funded development of Cracks in the Ice, an online toolkit to provide information about ice for the Australian community.

Funding: Australian Government Department of Health

Date commenced: 07/2015

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/development-and-dissemination-online-tool-kit-provide-evidence-based-information-about>

Drugs on the darknet: Assessing the global health risks of a rapidly expanding market

NDARC staff: Dr Monica Barratt, Professor Alison Ritter, Ms Michala Kowalski

Collaborators: Dr James Martin (Macquarie University), Professor Ross Coomber (Griffith University), Associate Professor Aili Malm (California State University Long Beach), Dr David Decary-Hetu (University of Montreal), Professor Judith Aldridge (University of Manchester), Dr Jason Ferris (University of Queensland)

Project summary: This project is an international collaboration to assess the nature and extent of health outcomes from drug cryptomarkets, globally and specifically for Australians.

Funding: National Health and Medical Research Council

Date commenced: 01/2017

Expected date of completion: 12/2019

Project website: <https://ndarc.med.unsw.edu.au/project/drugs-darknet-assessing-global-health-risks-rapidly-expanding-market>

eDarkTrends: Monitoring cryptomarkets to identify emerging trends of illicit synthetic opioids use

NDARC staff: Dr Monica Barratt

Collaborators: Dr Francois Lamy (Wright State University, Ohio, USA), Professor Amit Sheth (Wright State University, Ohio, USA), Professor Robert Carlson (Wright State University, Ohio, USA), Associate Professor Raminta Daniulaityte (Wright State University, Ohio, USA), Associate Professor Ramzi Nahhas (Wright State University, Ohio, USA)

Project summary: There has been a significant increase in the number of seizures and unintentional overdose fatalities related to illicit synthetic opioids in multiple states across the U.S. This project builds a system to monitor the emergence of new synthetic opioids in darknet markets or cryptomarkets.

Funding: U.S. National Institutes of Health, NIDA Mechanism for Time-Sensitive Drug Abuse Research

Date commenced: 05/2017

Expected date of completion: 05/2019

Project website: <https://ndarc.med.unsw.edu.au/project/edarktrends-monitoring-cryptomarkets-identify-emerging-trends-illicit-synthetic-opioids-use>

Public health challenges and opportunities of internet technologies for the study of new and emerging psychoactive substance use and related health harms

NDARC staff: Dr Monica Barratt

Project summary: This research examines the challenges and opportunities of internet technologies for understanding trends in new and emerging drug use and harms. Findings will inform the development of more effective public health responses to reduce morbidity and mortality from new psychoactive drugs and other illicit drug use.

Funding: NHMRC Early Career Research Fellowship

Date commenced: 07/2014

Expected date of completion: 03/2019

Project website: <https://ndarc.med.unsw.edu.au/project/public-health-challenges-and-opportunities-internet-technologies-study-new-and-emerging>

The supply of pharmaceutical drugs for non-medical use in Australia

NDARC staff: Dr Suzanne Nielsen, Dr Caitlin Hughes

Project summary: This is the PhD project of Ms Shann Hulme. The aim of this research is to gain a greater understanding of the diversion of pharmaceutical drugs for non-medical use from the supply perspective.

Funding: A Research Training Program Scholarship is supporting this project

Date commenced: 03/2016

Expected date of completion: 07/2019

Project website: <https://ndarc.med.unsw.edu.au/project/supply-pharmaceutical-drugs-non-medical-use-australia>

Understanding how high-level drug traffickers in Australia respond and adapt to changes in their drug supply

NDARC staff: Mr Matthew O'Reilly, Dr Caitlin Hughes, Professor Alison Ritter

Project summary: Knowledge about drug suppliers, including traffickers, is slim. This stymies our capacity to understand, foresee and forewarn what Australian and international drug traffickers will do and what policy responses are likely to be most effective. This project, which forms the basis for Matthew O'Reilly's doctoral thesis, aims to increase understanding about high-level drug trafficking and drug supply in Australia.

Funding: Australian Postgraduate Award, National Drug and Alcohol Research Centre PhD Benefit Scheme

Date commenced: 03/2014

Expected date of completion: 06/2018

Project website: <https://ndarc.med.unsw.edu.au/project/understanding-how-high-level-drug-traffickers-operate-australia>

MENTAL HEALTH

The Brain Games: Using brain training to prevent adolescent mental illness

NDARC staff: Dr Louise Mewton, Professor Maree Teesson

Collaborators: Dr Antoinette Hodge (Lumos Labs, Inc.), Dr Nicola Gates (Lumos Labs, Inc.)

Project summary: The current study will develop and pilot a personality-targeted mental health prevention program based on cognitive training tasks and delivered to adolescents at risk for developing a range of psychopathology. It is expected that a targeted cognitive training program, which supplements existing universal prevention programs, will prevent the onset of a range of mental illnesses in high risk youth.

Funding: Australian Rotary Health

Date commenced: 06/2015

Expected date of completion: 06/2018

Project website: <https://ndarc.med.unsw.edu.au/project/brain-games-using-brain-training-prevent-adolescent-mental-illness>

The Climate Schools Combined (CSC) study: Internet-based prevention for anxiety, depression and substance use in young Australians

NDARC staff: Professor Maree Teesson, Associate Professor Nicola Newton, Associate Professor Tim Slade, Dr Cath Chapman, Dr Louise Birrell, Mr Brad Shaw, Dr Louise Mewton

Collaborators: Professor Gavin Andrews (Clinical Research Unit for Anxiety and Depression, UNSW), Professor Steve Allsop (National Drug Research Institute, Curtin University), Dr Nyanda McBride (National Drug Research Institute, Curtin University), Dr Leanne Hides (Centre for Youth Substance Abuse Research, Queensland University of Technology)

Project summary: This study will evaluate an integrative approach known as the *CLIMATE Schools Combined (CSC) intervention*, which includes the evidence-based 'universal' *CLIMATE Schools Substance Use course* and the 'universal' *CLIMATE Schools Mental Health course*. It is anticipated that this integrative approach will be more effective in reducing problems and symptoms associated with substance use and mental health disorders compared to the stand-alone interventions and school-based health education as usual.

Funding: National Health & Medical Research Council – Project Grant ID: APP1047291

Date commenced: 08/2013

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/climate-schools-combined-csc-study-internet-based-prevention-anxiety-depression-and>

INDIGENOUS HEALTH

A randomised controlled study of health intervention “SNAP” in Northern Territory prisons

NDARC staff: Professor Kate Dolan, Dr Ryan Courtney, Dr Emily Stockings, Associate Professor Timothy Dobbins, Professor Anthony Shakeshaft

Collaborators: Professor Stuart Kinner (Griffith University), Dennis Petrie (Monash University), Robyn Hopkins (Northern Territory Correctional Service)

Project summary: The Northern Territory prison population comprises 92% Indigenous Australians and 88% smokers. The NT prison-smoking ban creates a population-wide abstinence. We aim to extend this period of abstinence into the community.

Funding: Commonwealth Health Department

Date commenced: September 2016

Expected date of completion: June 2018

Project website: <https://ndarc.med.unsw.edu.au/project/snap>

Development of culturally-appropriate curriculum resources to prevent alcohol and drug-related harms among young Aboriginal and Torres Strait Islander people

NDARC staff: Dr Lexine Stapinski, Dr Mieke Snijder, Associate Professor Nicola Newton, Dr Cath Chapman, Dr Katrina Champion, Associate Professor Frances Kay-Lambkin, Ms Briana Lees, Professor Maree Teesson

Collaborators: A/Prof James Ward (South Australia Health and Medical Research Institute (SAHMRI)), Gilimbaa (Indigenous Creative Agency)

Project summary: In partnership with Gilimbaa, an Indigenous Creative Agency, this project involves development of culturally appropriate school-based resources to prevent drug-related harms among young Aboriginal and Torres Strait Islander people.

Funding: Australian Government Department of Health

Date commenced: 07/2016

Expected date of completion: 06/2018

Project website: <https://ndarc.med.unsw.edu.au/project/development-culturally-appropriate-curriculum-resources-prevent-alcohol-and-drug-related>

CRIMINAL JUSTICE SYSTEM INTERNATIONAL

Program of International Research and Training (PIRT)

NDARC staff: Professor Kate Dolan, Professor Michael Farrell, Mrs Zahra Alammehrjerdi, Ms Rebecca Bosworth

Collaborators: Dr Alex Wodak (Alcohol and Drug Services, St. Vincent's Hospital)



NICOLA NEWTOWN

Nicola completed her PhD at NDARC in 2009. She is an Associate Professor and Director of Prevention Research at the NHMRC Centre of Research Excellence in Mental Health and Substance Use. Her main focus is on developing internet-based preventive interventions and improving the sustainability and translation of programs into schools.

“We have made huge gains in prevention science over the past decade. The challenge is now to take interventions to scale.”

Project summary: To facilitate research and training to minimise the harms from drug use and to increase the effectiveness of drug treatment internationally.

Funding: UNODC Vietnam, UNODC Myanmar, UNODC Head Office

Date commenced: 03/2003

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/program-international-research-and-training-pirt>

Review of HIV in prison: prevalence, incidence, mortality and service provision

NDARC staff: Professor Kate Dolan

Collaborators: Babak Moazen (Tehran University of Medical Sciences), Atefeh Noori (Tehran University of Medical Sciences), Shadi Rahimzadeh (Tehran University of Medical Sciences), Fabienne Hariga (United Nations Office on Drugs and Crime)

Project summary: The aim of this project was to collate data for all countries on the following variables; imprisonment rates, HIV prevalence among male, female, PWIDs, MSM, sex workers and transgender prisoners, HIV incidence and transmission in prison AIDS mortality in prison and the provision of eight HIV programs and seven HIV related services for prison inmates. Drug dependence treatment was recorded for opiate substitution treatment (OST) only.

Funding: United Nations Office on Drugs and Crime (UNODC)

Date commenced: 2013

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/review-hiv-prison-prevalence-incidence-mortality-and-service-provision>

The effects of cognitive-behavioural therapy on methamphetamine use among women in methadone therapy in Tehran

NDARC staff: Mrs Zahra Alammehrjerdi, Professor Kate Dolan

Collaborators: Associate Professor Nadine Ezard (St Vincent's Drug & Alcohol Service, Sydney; Conjoint, UNSW Medicine), Professor Azarakhsh Mokri (Iranian National Centre for Addiction Studies (INCAS); Tehran University of Medical Sciences (TUMS), Tehran, Iran), Dr Pardis Nematollahi (Razi clinical pathology laboratory, Isfahan, Iran)

Project summary: Methadone maintenance treatment (MMT) can prevent heroin use among women but regular methamphetamine use has no pharmacological treatment and could result in treatment failure. This study aims to identify whether brief cognitive behavioural therapy (CBT) is effective in reducing regular methamphetamine use among a group of female co-users of heroin with methamphetamine.

Funding: NDARC

Date commenced: 02/2014

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/node/114281>

Toward a comprehensive picture of the epidemiology of alcohol and illicit drug use disorders: Novel analyses of the World Health Organization's World Mental Health Surveys

NDARC staff: Professor Louisa Degenhardt, Miss Chianna Bharat

Collaborators: Ronald Kessler, PhD (Harvard University School of Medicine, United States) Substance Use Workgroup: Meyer Glantz, PhD (National Institute on Drug Abuse, United States), Maria Elena Medina-Mora, PhD (National Institute of Psychiatry, Mexico), Dan Stein, MD (University of Stellenbosch, South Africa), Jacek Moskalewicz, PhD (Institute of Psychiatry and Neurology, Poland), Elie Karam, MD (St George Hospital University Medical Centre, Lebanon), Laura Andrade, MD, PhD (University of Sao Paulo, Brazil), Yolanda Torres de Galvis, MPH (Centro de Excelencia en Investigación en Salud Mental, Universidad CES, Colombia), J. Elisabeth Wells, PhD (Department of Public Health and General Practice, University of Otago, New Zealand)

Project summary: In this study, we will undertake detailed analyses of the largest cross-national epidemiologic study of mental and substance use disorders ever conducted. The WHO World Mental Health Survey (WMHS) initiative is a massive, unique endeavour. It contains data on around 160,000 participants from 31 countries.

Funding: NHMRC project grant (no. 1081984)

Date commenced: 11/2014

Expected date of completion: 12/2018

Project website: <https://ndarc.med.unsw.edu.au/project/toward-comprehensive-picture-epidemiology-alcohol-and-illicit-drug-use-disorders-novel>

HEALTH ECONOMICS

Exploring the economic costs to family members affected by drug use: A discrete choice experiment

NDARC staff: Dr Marian Shanahan, Professor Alison Ritter

Project summary: This study aims to use a discrete choice experiment (DCE) survey to quantify the impact of hypothetical treatment outcomes on family members who have been affected by the drug use of a relative.

Funding: NHMRC Project Grant

Date commenced: 06/2014

Expected date of completion: Ongoing

Project website: <https://ndarc.med.unsw.edu.au/project/exploring-economic-costs-family-members-affected-drug-use-discrete-choice-experiment%20>



SARAH LARNEY

Sarah completed her PhD at NDARC in 2011. She is a UNSW Scientia Fellow and NHMRC Career Development Fellow at NDARC and a Research Associate at the Alpert Medical School, Brown University. Her research focuses on generating high-quality epidemiological data on injecting drug use and related problems in Australia and internationally.

“Around the world, stigma and criminalisation remain the overarching problems that drive marginalisation, overdoses, and infectious diseases among people who inject drugs.”

COMPLETED PROJECTS

TREATMENT AND INTERVENTION

A dimensional-spectrum model of mental disorders: developing new assessments to improve the diagnostic validity of multiple mental disorders

NDARC staff: Dr Matthew Sunderland, Associate Professor Tim Slade

Project summary: The current program of research seeks to investigate new and emerging statistical models to develop accurate and efficient diagnostic instruments that measure the latent relationship between internalising (eg. depression, anxiety), externalising (eg. substance use, anti-social and conduct disorder) and thought disorders (eg. psychosis).

Funding: NHMRC Early Career Fellowship

Date commenced: January 2013

Project website: <https://ndarc.med.unsw.edu.au/project/dimensional-spectrum-model-mental-disorders-developing-new-assessments-improve-diagnostic>

Centre of Research Excellence in Mental Health Systems Improvement (CREMSI)

Ndarc staff: Professor Louisa Degenhardt, Dr Emily Stockings

Collaborators: Professor Harvey Whiteford (University of Queensland), Professor Jane Pirkis (University of Melbourne), Professor Cathy Mihalopoulos (Deakin University), Professor Kathy Eagar (University of Wollongong), Professor Gavin Andrews (University of New South Wales), Professor Brian Head (University of Queensland), Professor Jane Gunn (University of Melbourne), Professor Wayne Hall (University of Queensland), Professor George Patton (University of Melbourne)

Project summary: The overarching goal of the CRE is to design a model mental health service system for Australia that would optimally reduce the burden of mental disorders; and to provide a detailed analysis of how the model differs from the existing service system, including the identification of policy instruments and a knowledge transfer strategy that detail how to move from the existing system to the model system.

Funding: University of Queensland / NHMRC Centres of Research Excellence Shared Grant – APP1041131

Date commenced: 11/2012

Project website: <https://ndarc.med.unsw.edu.au/project/centre-research-excellence-mental-health-systems-improvement-cremsi>

eCliPSE

NDARC staff: Professor Maree Teesson, Associate Professor Katherine Mills, Dr Louise Thornton

Collaborators: Associate Professor Frances Kay-Lambkin (University of Newcastle), Dr Sally Hunt (University of Newcastle)

Project summary: The eCliPSE online portal is a website that aims to facilitate access to evidence-based online

screening and eHealth treatments by people experiencing comorbid mental health and substance use problems, and the clinical services supporting them.

Funding: This project was funded by the NSW Ministry of Health

Project website: <https://ndarc.med.unsw.edu.au/project/eclipse>

Electronic Clinical Pathways to Service Excellence (eCliPSE): NSW Health Online Mental Health and Substance Use Comorbidity Portal

NDARC staff: Associate Professor Frances Kay-Lambkin, Dr Sally Hunt, Professor Maree Teesson, Dr Louise Thornton, Associate Professor Katherine Mills

Project summary: In consultation with NSW Health, this project aims to develop an online portal to improve access to evidence based e-Health treatment packages for co-occurring mental health and substance use problems.

Funding: NSW Health

Date commenced: 08/2015

Project website: <https://ndarc.med.unsw.edu.au/project/electronic-clinical-pathways-service-excellence-eclipse-nsw-health-online-mental-health-and>

Evaluation of the Supporting pregnant women who use alcohol or other drugs

NDARC staff: Dr Courtney Breen, Mrs Toni Karlsson, Associate Professor Lucinda Burns

Project summary: Given the harms associated with substance use in pregnancy largely occur in women who are substance dependent it is timely that work now be undertaken to minimise the harms in this group.

Funding: Australian Government, Substance Misuse Prevention and Service Improvement Fund

Date commenced: 11/2016

Project website: <https://ndarc.med.unsw.edu.au/project/evaluation-supporting-pregnant-women-who-use-alcohol-or-other-drugs>

Expanding the capacity of community pharmacy to respond to pharmaceutical opioid problems

NDARC staff: Dr Suzanne Nielsen, Dr Sarah Larney, Professor Louisa Degenhardt, Professor Michael Farrell

Collaborators: Angelo Pricolo (Pharmacy Guild), Apo Demirkol (South Eastern Sydney Local Health District), Belinda McNair (Pennington Institute), Catriona Matheson (University of Aberdeen), Denis Leahy (Pharmacy Guild), John Strang (King's College, London), Marie Claire Van Hout (Waterford Institute of Technology), Michelle Lynch (Pharmaceutical Society of Australia), Paul Dietze (Centre for Research Excellence into Injecting Drug Use, Burnet Institute), Phillip Coffin (San Francisco Department of Public Health), Traci Green (Brown University)

Project summary: Community naloxone supply has been successfully implemented in a range of international settings to address the rising rates of opioid overdose death. International pilot studies indicate an important role for pharmacists in these programs. To date, little work has examined the feasibility and willingness to provide these services in Australian community pharmacies.

Funding: This work is funded by an untied educational grant from Indivior

Date commenced: 07/2015

Project website: <https://ndarc.med.unsw.edu.au/project/expanding-capacity-community-pharmacy-respond-pharmaceutical-opioid-problems>

Integrated management pathways for alcohol and drug clients into treatment (IMPACT)

NDARC staff: Dr Marian Shanahan

Collaborators: Dr Nicolas Lintzeris (Drug and Alcohol Services, South Eastern Sydney Local Health District Central Clinical School, The University of Sydney), James Clarke (Drug and Alcohol Services, South Eastern Sydney Local Health District), Stephanie MacFarlane (Drug and Alcohol Services, South Eastern Sydney Local Health District), Dr Apo Demirkol (Drug and Alcohol Services, South Eastern Sydney Local Health District), Anthony Jackson (Drug and Alcohol Services, South Eastern Sydney Local Health District), Rachel Deacon (Drug and Alcohol Services, South Eastern Sydney Local Health District)

Project summary: This innovative, integrated care project was implemented in the South Eastern Sydney Local Health District to improve integration of services provided to those who are frequent attenders to the Emergency Department and have drug and alcohol use disorders.

Funding: South Eastern Sydney Local Health District

Date commenced: 01/2015

Project website: <https://ndarc.med.unsw.edu.au/project/integrated-management-pathways-alcohol-and-drug-clients-treatment-impact>

iTreAD Project (Internet Treatment for Alcohol and Depression)

NDARC staff: Associate Professor Frances Kay-Lambkin, Ms Jenny Geddes, Dr Sally Hunt, Professor Maree Teesson, Dr Mark Deady, Dr Louise Thornton

Collaborators: Professor Amanda Baker (Priority Research Centre for Translational Neuroscience and Mental Health, University of Newcastle), Professor Kathleen Brady (Dept. of Psychiatry and Behavioural Sciences, Medical University of South Carolina), Associate Professor Terry Lewin (Priority Research Centre for Translational Neuroscience and Mental Health, University of Newcastle), Professor Bonnie Spring (Department of Preventative Medicine, Northwestern University), Associate Professor Bridgette Bewick (Leeds Institute of Health Sciences, University of Leeds)

Project summary: This project will conduct the first randomised controlled trial of an internet delivered treatment for comorbid depression and binge drinking in young people

aged 18-30 years, augmented with social networking support.

Funding: NHMRC Project Grant

Date commenced: 08/2014

Project website: <https://ndarc.med.unsw.edu.au/project/itread-project-internet-treatment-alcohol-and-depression>

Phase 1 of the development of a National Treatment Framework for drug and alcohol treatment services

NDARC staff: Professor Alison Ritter, Dr Thu Vuong

Funding: AG Department of Health (Drug Strategy Branch)

Date commenced: 02/2017

Reducing tobacco smoking among low-SES smokers: A RCT to improve adherence with treatment, smoking cessation and health economic outcomes

NDARC staff: Dr Ryan Courtney, Ms Veronica Boland, Professor Richard Mattick, Professor Anthony Shakeshaft, Professor Michael Farrell

Collaborators: Professor Ron Borland (Cancer Council Victoria), Dr Coral Gartner (University of Queensland), Dr Hayden McRobbie (Queen Mary University London), Professor Mohammad Siahpush (University of Nebraska Medical Center), NSW Government/ Cancer Institute NSW, Quitlines, Department of Human Services

Project summary: This study will evaluate the cost-effectiveness of enhanced compliance instruction (via text message) as a strategy for increasing smoking cessation in low-socioeconomic status (low-SES) smokers.

Funding: Cancer Institute NSW

Date commenced: 07/2015

Project website: <https://ndarc.med.unsw.edu.au/project/reducing-tobacco-smoking-among-low-ses-smokers-rct-improve-adherence-treatment-smoking>

Viability of an Early Warning System (ViEWS) study

NDARC staff: Professor Louisa Degenhardt, Professor Michael Farrell, Dr Amy Peacock

Project summary: The Australian National Advisory Council on Alcohol and Drugs (ANACAD) has funded NDARC to conduct a feasibility study for an early warning system (EWS) project, involving a data collection model that allows rapid triangulation of existing data to provide an early warning and current assessment of patterns of drug use and related problems that can be rolled out across jurisdictions and coordinated at a national level.

Funding: Australian Government Department of Health

Date commenced: 02/2017

Project website: <https://ndarc.med.unsw.edu.au/project/viability-early-warning-system-views-study>



EMILY STOCKINGS

Emily is an NHMRC Early Career Research Fellow. She joined NDARC in 2013 as a postdoctoral researcher on the NHMRC Centre of Research Excellence in Mental Health Systems Improvement (CREMSI). Her primary focus is predictors, prevention and treatment of mental and substance use disorders in young people.

“A key goal of my research is to synthesise large amounts of data to identify best new treatments and improve medical decision making.”

PATTERNS OF ALCOHOL AND DRUG USE

How is self-monitoring of behaviour affected in heavy drinkers?

NDARC staff: Dr Janette Smith, Professor Richard Mattick

Collaborators: Christopher Sufani (School of Psychology, UNSW)

Project summary: In this study, we examine performance monitoring in detail in young heavy drinkers, using both behavioural and brain functional measures.

Funding: Supported by an Australian Rotary Health Postdoctoral Fellowship

Date commenced: 02/2014

Project website: <https://ndarc.med.unsw.edu.au/project/how-self-monitoring-behaviour-affected-heavy-drinkers>

The impact of opioid substitution therapy on hospitalisation and emergency department presentations of people with opioid use disorders

NDARC staff: Dr Sarah Larney, Associate Professor Lucinda Burns, Dr Marian Shanahan, Professor Louisa Degenhardt, Professor Alison Ritter, Dr Natasa Gisev, Associate Professor Timothy Dobbins

Collaborators: Dr Mark Montebello (South East Sydney Local Health District)

Project summary: We will identify a population cohort of people who use opioids, examine hospitalisations and emergency department visits in this group and determine the impacts of opioid substitution therapy on hospitalisation and emergency department visits.

Funding: Burnet Institute/NHMRC Centre for Research Excellence into Injecting Drug Use (CREIDU) Seed Funding Shared Grant

Date commenced: 06/2014

Project website: <https://ndarc.med.unsw.edu.au/node/118972>

The use of anabolic-androgenic steroids (AAS) and other performance and image enhancing drugs (PIEDs): Patterns of use, motivations and opportunities for intervention

NDARC staff: Professor Louisa Degenhardt, Dr Briony Larance, Associate Professor Lucinda Burns, Professor Michael Farrell, Professor Jan Copeland, Ms Ranira Moodley

Project summary: This project aims to describe patterns of AAS and PIEDs use; where people are sourcing them from and why; users' experience of harms; and users' utilisation of health services.

Funding: Australian Government Department of Health

Date commenced: 08/2014

Project website: <https://ndarc.med.unsw.edu.au/project/use-anabolic-androgenic-steroids-aas-and-other-performance-and-image-enhancing-drugs-pieds>

PREVENTION AND EARLY INTERVENTION

A systematic review of alcohol and other drug prevention strategies

NDARC staff: Dr Louise Mewton, Ms Rachel Visontay, Professor Maree Teesson, Associate Professor Tim Slade, Dr Cath Chapman, Associate Professor Nicola Newton, Associate Professor Frances Kay-Lambkin

Collaborators: Australian National Advisory Council on Alcohol and Drugs

Project summary: This project will focus on the full range of universal prevention strategies designed to reduce the use and/or harms associated with alcohol and other drugs across the lifespan. Several recent reviews focusing on the universal prevention strategies for alcohol and other drugs have recently been published. However, these focus on selected settings (i.e. schools) or target particular demographic groups (i.e. young people). The current review will synthesise the information from these reviews to provide an overview of the evidence for a range of universal alcohol and other drug prevention strategies that is relevant across different intervention settings and age groups.

Funding: Department of Health

Date commenced: June 2016

Project website: <https://ndarc.med.unsw.edu.au/project/systematic-review-alcohol-and-other-drug-prevention-strategies>

DRUG POLICY

ACT Drug and Alcohol Court: Developing a program logic and evaluation framework

NDARC staff: Dr Caitlin Hughes, Dr Marian Shanahan, Miss Oluwadamilola Sotade, Dr Thu Vuong, Professor Alison Ritter

Project summary: In 2016 the ACT committed to scoping and designing a Drug and Alcohol Court (DAC). The evidence-base indicates that drug and alcohol courts may have many benefits for participants and governments however, they are resource intensive to implement and operate. The Drug Policy Modelling Program, National Drug and Alcohol Research Centre was commissioned by the ACT Justice and Community Safety Directorate to aid program and system design for their new DAC.

Funding: ACT Justice and Community Safety Directorate

Date commenced: 07/2017

Project website: <https://ndarc.med.unsw.edu.au/project/act-drug-and-alcohol-court-developing-program-logic-and-evaluation-framework>

Drug law enforcement policy: The deterrent effects of Australian policing strategies

NDARC staff: Dr Caitlin Hughes, Professor Alison Ritter, Ms Vivienne Moxham-Hall

Collaborators: Professor Robert MacCoun (University of California, Berkeley), Dr Don Weatherburn (NSW Bureau of Crime Statistics and Research)

Project summary: The Australian government expends an estimated \$1.7 billion on responding to illicit drugs every year, with policing comprising 64% of this expenditure. One core assumption underpinning this investment is that police can deter, discourage or prevent drug offending. But, there remains very limited research into the extent or nature of deterrent effects. One cause of this gap is methodological. The absence of attention to this issue is increasingly problematic as there is concern that some of the newer “deterrent” strategies, such as drug detection dogs, may lead to adverse impacts.

Funding: Australian Research Council – Discovery Project DP150100910

Date commenced: 01/2015

Project website: <https://ndarc.med.unsw.edu.au/project/drug-law-enforcement-policy-deterrent-effects-australian-policing-strategies>

Liquor licensing legislations and the role of community members and groups

NDARC staff: Dr Louise Mewton, Ms Rachel Visontay, Professor Maree Teesson, Associate Professor Tim Slade, Dr Cath Chapman, Associate Professor Nicola Newton

Collaborators: Australian National Advisory Council on Alcohol and Drugs

Project summary: The first aim of this report is to provide an up to date legislative review of liquor licensing policies within each of the eight Australian jurisdictions. The second aim of this report is to develop jurisdictional-specific guidelines for community members and groups seeking to become involved in the liquor licensing decision-making process.

Funding: Department of Health

Project website: <https://ndarc.med.unsw.edu.au/project/liquor-licensing-legislations-and-role-community-members-and-groups>

Marijuana markets – cross-cultural policy comparison

NDARC staff: Professor Alison Ritter, Dr Vendula Belackova, Dr Caitlin Hughes, Dr Marian Shanahan

Collaborators: Dr Tomas Zabransky (Department of Addictology, First Faculty of Medicine, Charles University, Czech Republic)

Project summary: The main aim of this cross-cultural comparative study of marijuana markets in Australia, the United States (Florida) and the Czech Republic is to improve knowledge of what impact different legal regimes have on marijuana markets. The study will collect and analyse qualitative and quantitative data that will help to explain the patterns of marijuana markets and related risks to public health and public safety in response to different drug policy measures.

Funding: Endeavour Post-Graduate Fellowship

Date commenced: 08/2014

Project website: <https://ndarc.med.unsw.edu.au/node/118907>

Reducing stigma and discrimination for people who use alcohol and other drugs

NDARC staff: Dr Kari Lancaster, Professor Alison Ritter

Collaborators: Dr Kate Seear (Monash University)

Project summary: This project aims to identify effective ways of reducing stigma and discrimination, which has a negative impact on the mental health and wellbeing of Queenslanders experiencing problematic alcohol and other drug use.

Funding: Queensland Mental Health Commission

Date commenced: 05/2016

Project website: <https://ndarc.med.unsw.edu.au/project/reducing-stigma-and-discrimination-people-who-use-alcohol-and-other-drugs>

Social Costs of Smoking in NSW

NDARC staff: Dr Marian Shanahan, Miss Oluwadamisola Sotade, Professor Alison Ritter, Dr Phuong Hoang, Dr Ryan Courtney, Professor Louisa Degenhardt

Collaborators: Catherine Kellick (Sax Institute), Anita Dessaix (The Cancer Institute NSW), Tim Harold (Department of Health NSW), Natasha Hayes (Department of Health NSW), Donna Perez (The Cancer Institute NSW), Sandra Rickards (The Cancer Institute NSW), Katarzyna Bochynska (The Cancer Institute NSW), Gersom Santos (The Cancer Institute NSW)

Project summary: This project will estimate the social and economic costs related to tobacco use in NSW for 2014. Mortality and morbidity costs attributable to smoking will be estimated as will lost productivity, costs due to fires and the intangible costs due to mortality attributable to smoking. Also included are expenditures on services and programs to prevent or stop smoking and taxation revenues. Using these data, a model will be developed to explore the impact on social costs as the prevalence of smoking changes.

Funding: Sax Institute contract research

Date commenced: 02/2016

Project website: <https://ndarc.med.unsw.edu.au/project/social-costs-smoking-nsw>

Trending: Social media analysis to monitor cannabis and synthetic cannabinoid use

NDARC staff: Dr Monica Barratt

Collaborators: Associate Professor Raminta Daniulaityte (Wright State University, Ohio, United States), Professor Edward W. Boyer (University of Massachusetts Medical School, United States), Professor Robert G. Carlson (Wright State University, Ohio, United States), Associate Professor Silvia Martins (Columbia University, New York, United States), Assistant Professor Ramzi W. Nahhas (Wright State University, Ohio, United States), Professor Amit Sheth (Wright State University, Ohio, United States), Professor Krishnaprasad Thirunarayan (Wright State University, Ohio, United States)

Project summary: This three-year study will develop and deploy eDrugTrends, an innovative platform for semi-automated processing of social media data, to track trends in cannabis and synthetic cannabinoid use, identify opinion leaders and assess differences across US regions with varying cannabis legalization policies.

Funding: NIDA grant number 1R01DA039454-01

Date commenced: 08/2014

Project website: <https://ndarc.med.unsw.edu.au/project/trending-social-media-analysis-monitor-cannabis-and-synthetic-cannabinoid-use>

MENTAL HEALTH

Development of online training on the management of co-occurring mental health and alcohol and other drug conditions

NDARC staff: Dr Christina Marel, Associate Professor Katherine Mills, Professor Maree Teesson, Mr Jack Wilson

Project summary: In 2014, the Australian Government Department of Health funded development of an evidence-based website and online training program to facilitate the translation and online dissemination of the *Guidelines on the management of co-occurring alcohol and other drug and mental health conditions in alcohol and other drug treatment settings (2nd edition)* published in 2016.

Funding: Australian Government Department of Health

Date commenced: 2016

Project website: <https://ndarc.med.unsw.edu.au/project/development-online-training-management-co-occurring-mental-health-and-alcohol-and-other-drug>

Development of the second edition of the National Comorbidity Guidelines

NDARC staff: Dr Christina Marel, Associate Professor Katherine Mills, Dr Rosemary Kingston, Professor Maree Teesson

Collaborators: Professor Kevin Gournay (King's College London), Dr Mark Deady (Black Dog Institute), Associate Professor Frances Kay Lambkin, Professor Amanda Baker (University of Newcastle)

Project summary: In 2014 the Australian Government Department of Health funded the development of the *Guidelines on the management of co-occurring alcohol and other drug and mental health conditions in alcohol and other drug treatment settings (2nd edition)*.

Funding: Australian Government Department of Health

Date commenced: 2015

Project website: <https://ndarc.med.unsw.edu.au/project/development-second-edition-national-comorbidity-guidelines>

INDIGENOUS HEALTH

Exploration of partnerships between rural Aboriginal communities and researchers to prevent and treat drug and alcohol-related harms: Three examples in remote NSW

NDARC staff: Professor Anthony Shakeshaft, Dr Courtney Breen, Ms Alice Munro

Collaborators: Dr Julaine Allan (The Lyndon Community), Far West Medicare Local, Bourke Alcohol Working Group (BAWG), Condobolin Alcohol Working Group, Lake Cargelligo Alcohol Working Group, Brewarrina Alcohol Working Group, Orana Haven Corporation Drug and Alcohol Rehabilitation Centre

Project summary: This project seeks to develop knowledge about effective models of partnership between rural Aboriginal communities and researchers across a range of community-led programs delivered from 2012-2016, which aimed to reduce drug and alcohol-related harm.

Funding: Far West Medicare Local

Date commenced: 03/2014

Project website: <https://ndarc.med.unsw.edu.au/project/exploration-partnerships-between-rural-aboriginal-communities-and-researchers-prevent-and>

Preventing and treating drug and alcohol harms in remote communities

NDARC staff: Professor Anthony Shakeshaft, Ms Alice Munro, Dr Courtney Breen

Collaborators: Dr Julaine Allan (The Lyndon Community), Orana Haven Corporation Drug and Alcohol Rehabilitation Centre

Project summary: The National Drug and Alcohol Research Centre (NDARC) has been invited to work with five remote NSW communities to retrospectively evaluate a suite of interventions aimed at prevention of drug and alcohol harms from 2012-2014.

Funding: Far West Medicare Local

Date commenced: 03/2014

Project website: <https://ndarc.med.unsw.edu.au/project/preventing-and-treating-drug-and-alcohol-harms-remote-communities>

Reducing alcohol-related injury and violence in rural Aboriginal communities

NDARC staff: Professor Anthony Shakeshaft, Ms Mieke Snijder, Mr Ronald Bamblett

Collaborators: Mrs Bonita Byrne (NDARC, based in Narrandera), Mr Jamie O'Neill (Lower Lachlan Community Services), Associate Professor Melissa Haswell-Elkins (Muru Marri Indigenous Health Unit, UNSW), Stacey Meredith (Griffith Aboriginal Medical Service), Professor Christopher Doran (Hunter Medical Research Institute, University of Newcastle), Dr Anton Clifford (School of Population Health and Community Medicine, University of Queensland), community members and community based organisations

in three towns in regional NSW (e.g. city councils, police, hospital, health, family and youth organisations)

Project summary: This project examines the cost-effectiveness of an integrated community development approach for reducing alcohol-related injury and violence among Aboriginal people in three rural locations in NSW.

Funding: NSW Health – Aboriginal Injury Prevention and Safety Demonstration Program

Date commenced: 01/2014

Project website: <https://ndarc.med.unsw.edu.au/project/reducing-alcohol-related-injury-and-violence-rural-aboriginal-communities>

HEALTH ECONOMICS

Identifying the social costs of methamphetamine

NDARC staff: Professor Michael Farrell, Dr Marian Shanahan, Dr Sharlene Kaye, Professor Alison Ritter, Professor Louisa Degenhardt, Associate Professor Lucinda Burns

Collaborators: Professor Steve Allsop (National Drug Research Institute, Curtin University), Professor Tanya Chikritzhs (National Drug Research Institute, Curtin University), Associate Professor Anna Ferrante (National Drug Research Institute, Curtin University), Professor Dennis Gray (National Drug Research Institute, Curtin University), Dr Wenbin Liang (National Drug Research Institute, Curtin University), Professor Simon Lenton (National Drug Research Institute, Curtin University), Dr Robert Tait (National Drug Research Institute, Curtin University), Associate Professor Ted Wilkes (National Drug Research Institute, Curtin University), Associate Professor Steve Whetton (South Australian Centre for Economic Studies, University of Adelaide), Associate Professor Rebecca McKetin (Centre for Research on Ageing, Health and Wellbeing, Research School of Population Health, Australian National University)

Project summary: The overarching objective of this project is to produce as comprehensive as possible an estimate of the costs of methamphetamine use to Australian society. The intention is also to develop an approach that could be applied in a consistent manner to other drugs in the future.

Funding: Australian Government Department of Health

Date commenced: 08/2015

Project website: <https://ndarc.med.unsw.edu.au/project/identifying-social-costs-methamphetamine>



KARI LANCASTER

Kari is a Scientia Fellow at the Centre for Social Research in Health (CSRH), UNSW. Kari's research uses critical policy studies approaches to contribute to contemporary discussions about emerging issues of policy significance in the fields of drugs and viral hepatitis. Kari completed her PhD at NDARC in 2016 moving to CSRH in late 2017.

“Rather than simply asking ‘what works’, we also need to ask ethical questions about how to proceed, with a view to generating more equitable outcomes.”

STAFF

Office of the Director

Michael	Farrell	Professor, Director NDARC
Alison	Ritter	Professor & NHMRC Senior Research Fellow, Deputy Director NDARC
Anthony	Shakeshaft	Professor, Deputy Director NDARC
Karen	Hill	Centre Operations Manager (Maternity Leave)
Swati	Srivastava	Acting Centre Operations Manager
Marion	Downey	Communications Manager

Academic Staff

In 2017, NDARC had 46 academic staff, 11 of whom were on NHMRC funded fellowships, three on Rotary fellowships and one Vice Chancellor's Post-Doctoral Research Fellow.

Monica	Barratt	NHMRC Early Career Research Fellow
Emma	Barrett	Research Fellow
Chrianna	Bharat	Research Fellow
Louise	Birrell	Postdoctoral Fellow
Courtney	Breen	Research Fellow
Lucinda	Burns	Associate Professor
Gabrielle	Campbell	NHMRC Early Career Research Fellow
Katrina	Champion	NHMRC Early Career Research Fellow
Cath	Chapman	Senior Research Fellow
Ryan	Courtney	Cancer Institute New South Wales Early Career Research Fellow
Shane	Darke	Professor
Louisa	Degenhardt	Professor & NHMRC Principal Research Fellow
Timothy	Dobbins	Associate Professor
Kate	Dolan	Professor
Natasa	Gisev	NHMRC Early Career Research Fellow
Tonelle	Handley	Rotary Post-Doctoral Research Fellow
Caitlin	Hughes	Senior Research Fellow
Jason	Jin	Research Fellow
Kari	Lancaster	Research Associate
Julia	Lappin	Senior Lecturer
Briony	Larance	Senior Research Fellow
Sarah	Larney	Senior Research Fellow
Janni	Leung	Research Fellow
Christina	Marel	Research Fellow
Richard	Mattick	Professor & NHMRC Principal Research Fellow
Louise	Mewton	Rotary Postdoctoral Research Fellow
Katherine	Mills	Associate Professor
Nicola	Newton	Senior Research Fellow
Suzanne	Nielsen	Senior Research Fellow & NHMRC Early Career Research Fellow
Amy	Peacock	NHMRC Early Career Research Fellow
Joanne	Ross	Senior Research Fellow
Alexander	Saeri	Postdoctoral Fellow
Marian	Shanahan	Senior Research Fellow-Health Economist
Louise	Shoesmith (nee Thornton)	Vice-Chancellor's Post-Doctoral Research Fellow
Tim	Slade	Associate Professor
Janette	Smith	Rotary Research Fellow
Mieke	Snijder	Postdoctoral Fellow
Lexine	Stapinski	Senior Research Fellow & NHMRC Translating Research into Practice Fellow
Emily	Stockings	NHMRC Early Career Research Fellow
Matthew	Sunderland	Senior Research Fellow & NHMRC Early Career Research Fellow
Wendy	Swift	Senior Research Fellow
Maree	Teesson	Professor & NHMRC Principal Research Fellow
Dennis	Thomas	Post Doctoral Research Fellow
Katinka	van de Ven	Research Fellow

Thu Megan	Vuong Weir	Post Doctoral Research Fellow
		Post Doctoral Research Fellow

Professional Staff-Research

In 2017, NDARC had 34 professional and technical (P&T) Research staff.

Alex	Aiken	Senior Research Officer
Mary-Ellen	Brierley	Research Assistant
Reshika	Chand	Research Assistant
Samantha	Colledge	Research Assistant
Chloe	Conroy	Research Assistant
Hannah	Deen	Research Assistant
Alana	Garton	Senior Research Officer
Lucy	Grummitt	Research Assistant
Sally	Hunt	Project Manager
Toni	Karlsson (nee Hordern)	Research Officer
Ivana	Kihas	Research Officer
Michala	Kowalski	Research Assistant
Siobhan	Lawler	Research Assistant
Brianna	Lees	Research Assistant
Dana	Leidl	Research Assistant
Nicole	Lestel	Research Liaison Assistant
Samantha	Lynch	Research Assistant
Marius	Mather	Research Assistant
Stacey	McCraw	Clinical Psychologist
Teleri	Moore	Research Assistant
Chelsea	Muscat	Research Staff
Courtney	O'Donnell	Research Assistant
Kate	Ross	Research Program Officer
Brad	Shaw	Research Assistant
Anna	Smout	Research Assistant
Oluwadamisola	Sotade	Research Assistant
Jenny	Stafford	Senior Research Officer
Joel	Tibbetts	Research Assistant
Julia	Uporova	Research Officer
Emily	Upton	Research Psychologist
Joe	Van Buskirk	Research Officer
Rachel	Visontay	Research Assistant
Jack	Wilson	Research Assistant
Dino	Zagic	Research Staff

Professional Staff-Administration

Overall in 2017, NDARC had 13 professional and technical (P&T) Administration staff.

Chris	Coombes	IT Officer
Gaurav	Bapat	Management Accountant
Tori	Barnes	Acting EA to the Director
Jasmin	Bartlett	Administrative Officer/EA
Davy	Cheng	Management Accountant
Mary	Kumvaj	Librarian
Sok Bee	Lim	Finance Manager
Jelynn	Millare	Administrative Officer
Deborah	Owen	Administrative Assistant
Jemma	Sale	Executive Assistant/Project Co-ordinator
Swati	Srivastava	Finance Manager/Acting Centre Operations Manager
Mina	Tang	Finance Officer
Morgaine	Wallace-Steele	Communications Officer

Doctoral Candidates

In 2017, NDARC had 31 Doctoral Candidates and two Masters by Research Students. Six candidates completed their PhDs.

Zahra	Alam Mehrjerdi	International Doctoral Candidate
Lucy	Albertella	Doctoral Candidate/Research Officer
Louise	Birrell	Doctoral Candidate/Research Assistant
Veronica	Boland	Doctoral Candidate/Research Officer
Rebecca	Bosworth	Doctoral Candidate
Kerryn	Butler	Doctoral Candidate/Research Officer
Gabrielle	Campbell	Doctoral Candidate/Senior Research Officer
Philip	Clare	Doctoral Candidate/Senior Research Officer
Juliana	Erthal	Doctoral Candidate
Catherine	Foley	Off-site Doctoral Candidate
Clara	Fritchley	Doctoral Candidate
Lisa	Gibson	Doctoral Candidate/Senior Research Officer
Anneliese	Hilder	Doctoral Candidate
Bianca	Hoban	Doctoral Candidate/Research Assistant
Erin	Kelly	Doctoral Candidate/Research Psychologist
Ivana	Kihas	Doctoral Candidate/Research Officer
Alice	Knight	Doctoral Candidate/Research Assistant
Kari	Lancaster	Doctoral Candidate/Senior Research Officer
Clare	McCormack	Doctoral Candidate/Research Officer
Richard	Mellor	Doctoral Candidate/Research Assistant
Sonja	Memedovic	Doctoral Candidate/Research Officer
Vivienne	Moxham-Hall	Doctoral Candidate/Research Officer
Alice	Munro	Off-site Doctoral Candidate
Matthew	O'Reilly	Doctoral Candidate
Katrina	Prior	Doctoral Candidate/Research Officer
Larissa	Rossen	Doctoral Candidate/Research Officer
Amanda	Roxburgh	Doctoral Candidate/Senior Research Officer
Shivanjali	Singh	Doctoral Candidate
Mieke	Snijder	Doctoral Candidate/Research Officer
Rachel	Sutherland	Doctoral Candidate/Research Officer
Thu	Vuong	Doctoral Candidate
Elizabeth	Whittaker	Doctoral Candidate/Research Officer

Masters by Research students

Douglas Bruce	James	Masters Research
Maureen Anne	Steele	Masters Research

Conjoints

In 2017, NDARC had 22 conjoint appointments.

Julaine	Allan	Associate Lecturer
Amanda	Baker	Professor
Raimondo	Bruno	Associate Professor
Bianca	Calabria	Lecturer
Jenny	Chalmers	Senior Lecturer
Johan	Duflou	Associate Professor
Matthew	Dunn	Senior Lecturer
Wayne	Hall	Professor
Mary	Harrod	Conjoint
John	Howard	Senior Lecturer
Marianne	Jauncey	Senior Lecturer
Sharlene	Kaye	Senior Lecturer
Francis	Kay-Lambkin	Associate Professor

Kypros	Kypri	Professor
Rod	MacQueen	Senior Lecturer
Andrea	Mant	Associate Professor
Mark	Montebello	Lecturer
Elizabeth	Moore	Lecturer
Folounso	Oyekan	Associate Lecturer
Sachin	Patil	Conjoint
Ed	Silins	Lecturer
Alex	Wodak	Senior Lecturer

Visiting fellows and students

In 2017, NDARC had 25 visiting fellows and students.

Kamran	Afzali	Visiting Fellow
Robert	Ali	Honorary Associate Professor
Yanping	Bao	Visiting Fellow
Lynda	Berends	Visiting Fellow
Courtney	Breen	Adjunct Academic
Zenna	Breuren	Research Practicum Student
Fiona	Charlson	Visiting Fellow
Jan	Copeland	Honorary Professor
Kevin	Gournay	Visiting Professorial Fellow
Katherine	Hafekost	Visiting Fellow
Matthew	Hickman	Visiting Professorial Fellow
Lindsey	Hines	Visiting Fellow
Ingrid	Honan	Macquarie University Doctoral Candidate
Caroline	Hunt	Visiting Professorial Fellow
Sally	Hunt	Visiting Fellow
Delyse	Hutchinson	Visiting Fellow
Fannie	Jansen	Research Practicum Student
Yvonne	Kersten	Research Practicum Student
Joanne	Kimber	Visiting Fellow
Luise	Lago	Visiting Fellow
Rebecca	McKetin	Visiting Fellow
Hayden	McRobbie	Visiting Professorial Fellow
Jackob	Najman	Visiting Professorial Fellow
Stephanie	Taplin	Visiting Research Fellow
Piotr	Tutka	Visiting Professorial Fellow

EXTERNAL APPOINTMENTS

MEMBERSHIPS OF EXTERNAL COMMITTEES, ADVISORY BOARDS AND EDITORIAL BOARDS

Dr Monica Barratt

Associate Editor,
International Journal of Drug Policy
(2015-present)

Managing Editor, *Drug and Alcohol Review* (2016-present)

Editorial Board Member, *Field Methods* (2014-present)

Editorial Board Member, *Drugs: Education, Prevention and Policy* (2014-present)

Member, International Society for the Study of Drug Policy (2012-present)

Member, International Association of Internet Researchers (2012-present)

Member, Harm Reduction Victoria (2013-present)

Co-founder, Cryptomarkets Research Hub email list (2015-present)

Member, Core Research Team, Global Drug Survey (2012-present)

Member, NSW DanceWise Advisory Group (2017-present)

Member, PARTi (peer-led harm reduction initiative) Advisory Group (2017-present)

Member, Alcohol and Other Drugs Media Watch Reference Group (2017-present)

Member, PRISM (Psychedelic Research in Science and Medicine) (2011-present)

Director of Research, Bluelight.org (2011-present)

Dr Emma Barrett

Editor, *Journal of Addiction and Prevention* (2014-present)

Advisor, Australian-American Fulbright Commission UNSW Representative (2017-present)

Member, International Society for Traumatic Stress Studies (ISTSS) Conference Scientific Review Committee (2017)

Dr Louise Birrell

Member, Queensland Network of Alcohol and other Drug Agencies

Committee member, Early Career Researcher Committee, Society for Mental Health Research

Member, International Association for Youth Mental Health

Editorial board member (ECR reviewer), *Prevention Science*

A/Prof Lucinda Burns

Chair, Quality Improvement and Negligible Risk Review Committee, Cancer Institute NSW

Director, Haymarket Foundation for Homeless People with Substance Abuse Problems (2004-present)

Deputy Chair, Population Health Research Ethics Committee, NSW Cancer Institute (2011-present)

Convenor, UNSW Medical/Community Human Research Ethics Advisory Panel (2011-present)

Member, FASD Advisory Group to the Department of Health

Ms Kerry Butler

Member, APSAD Early Career Researcher Committee (2016-present)

Dr Natacha Carragher

Member, NHMRC Research Translation Faculty (2013-present)

Editor, *Social Psychiatry and Psychiatric Epidemiology* (2013-present)

Convenor of the Early Career Researcher Workshop at the Annual Meeting of the Society for Mental Health Research (Melbourne 2013 & Adelaide 2014)

Early Career Researcher Representative, Executive Committee, Society for Mental Health Research [formerly Australasian Society for Psychiatric Research] (2013-present)

Dr Catherine Chapman

Member, Management Committee, The Mental Health Services Conference of Australia and New Zealand (2000-present)

Member, Conference Proceedings Editorial Board, The Mental Health Services Conference of Australia and New Zealand (1998-present)

Co-convenor, The Mental Health Services Conference of Australia and New Zealand Summer Forum (2008-present)

Dr Katrina Champion

Editorial Board Member (Early Career Reviewer), *Prevention Science* (2015-present)

Member, National Institute on Drug Abuse (NIDA) International Poster Session Theme Committee, Society for Prevention Research Annual Meeting, 2016

Prof Jan Copeland

Chair, US College on Problems of Drug Dependence (CPDD) International Committee (2012-2015)

Member of the CPDD Membership Committee 2015-2018

President, Board of Management, Drug and Alcohol Multicultural Education Centre (DAMEC) (2002-2015)

Member, Board of Management of Odyssey House: The McGrath Foundation, a non-government therapeutic community; Co-chair of the Operations Committee (2004-2015)

Member of the Board of the Progressive Learning Centre School (2015)

Associate Editor (Services and Prevention, Technology Transfer, and Treatment), *Drug and Alcohol Dependence* (2011-2015)

Assistant Editor, *Journal of Substance Abuse Treatment* (2001-2015)

Editorial Board Member, *Addiction Science and Clinical Practice* (2010-2015)

Editorial Board Member, *ISRN Addiction* (2012-2015)

Editorial Board Member, *British Journal of Health Informatics and Monitoring*

Member, Cannabis Working Group for NSW Health (2007-2015)

Member of the Australian Government's Intergovernmental Committee on Drugs Working Party on the National Minimum Data Set (2004-2015)

Dr Ryan Courtney

Member, Cancer Australia Priority Driven Research Grant Review Panel (2014-present)

Prof Shane Darke

Regional Editor, *Addiction* (2006-present)

Editorial Board member, *Drug and Alcohol Dependence* (1993-present)

Assistant Editor, *Journal of Drug Issues* (2006-present)

Prof Louisa Degenhardt

Member of Core Analytic Team, Global Burden of Disease 2.0 (2012-present)

Board Member, Scientific Advisory Board of The Swiss Research Institute for Public Health and Addiction (2014-present)

Member, Lawfully prescribed cannabis medicines and driving expert group, NSW Government (2017-2018)

Member, Australian Burden of Disease Mental and Substance Use Disorders Expert Panel (2014-present)

Member, Orygen Research Committee (2012-2015)

WHO: Technical Advisory Group Member for the eleventh revision of the International Classification of Diseases (ICD) Injury and External Causes of Injury (2009-present)

Associate Member, Australian Institute of Policy and Science (2009-present)

Member, Epidemiology and Public Health Section, World Psychiatric Association (2008-present)

Associate Faculty Member, Faculty of 1000 Medicine (2008-present)

Member, International Collaboration on ADHD and Substance Abuse (ICASA) (2008-present)

Member, Australian National Association of Research Fellows (NARF) (2007-present)

Member, 2013 National Drug Strategy Household Survey Technical Advisory Group (2012-2014)

Member, Australian Cannabis Cohorts Research Consortium (2008-present)

Member, panel providing Specialist Scientific Services to the Australian Federal Police Forensic and Data Centres (2009-present)

Editorial Board Member, *PLoS One* (2013-present)

Editorial Advisory Board member, *PLoS Medicine* (2016-present)

Editorial Advisory Board member, *The Lancet Psychiatry* (2016-present)

Associate Editor, *Addiction* (2014-present)

Editorial Board Member, *Substance Abuse Treatment, Prevention and Policy* (2009-present)

Editorial Board Member, *International Journal of Drug Policy* (2005-present)

Deputy Editor, *Drug and Alcohol Review* (2005-present)

Editorial Board Member, *BMC Psychiatry* (2005-present)

Member of IAS 2015 Track D Implementation Science Committee (2014-2015), IAS Conference on HIV Pathogenesis, Treatment and Prevention, Vancouver Canada, 19-22 July 2015

Member of International Advisory Committee (2013-2014), Global Addictions Conference, Rome, Italy, 6-8th June 2014

Board Member, AIDS Council of NSW (ACON) (2015-present)

Member, 2016 National Drug Strategy Household Survey Technical Advisory Group (2015-present)

Member, 2016 National Drug Strategy Household Survey Tender evaluation committee

Prof Kate Dolan

Affiliate member, Center for Infectious Disease Modeling and Analysis, Yale School of Medicine (2016-present)

Editorial Board Member, *Spanish Journal of Prison Health* (2016-present)

Guest co-editor of *The Lancet's* special issue on HIV in prisons (2015-2016)

Member, World Health Organization (WHO) Network for HIV and Health in the Western Pacific Region (WPR) (2009-present)

Member, Harm Reduction Australia (2015-present)

Member, MSIC's Scientific Advisory Committee (2015-present)

Member Judging Panel, Peter Baume Public Health Impact Prize UNSW (2012-present)

Advisor, Inter country meeting on strengthening the public health response to substance use (2015)

Advisor, Amitiel Welfare Society, Pakistan (2011-present)

A/Prof Timothy Dobbins

Member, Population and Health Services Research Ethics Committee, NSW Cancer Institute and NSW Ministry of Health (2012-present)

Deputy Statistics and Methodology Advisor, *Addiction* (2017-present)

Prof Michael Farrell

President Elect, Australasian Professional Society on Alcohol and other Drugs (2016-present)

Faculty Theme Lead, Mental Health, Neuroscience, Ageing and Addictions (2016-present)

Expert Committee on Drug Dependence, World Health Organization (1996-present)

Member, Quality in Treatment (QIT), NSW Health (2011-present)

Editorial Advisory Board Member, *The Lancet Psychiatry* (2013-present)

Assistant Editor, *Addiction* (2016-present)

Editorial Advisory Board, *Journal of Neurology, Neurosurgery & Psychiatry*, BMJ (2016-present)

Member of Dual Diagnosis Group, World Psychiatric Association (2016-present)

Dr Natasa Gisev

Editorial Board Member, *Research in Social and Administrative Pharmacy* (2016-present)

Specialist Advisor, Therapeutic Goods Administration, (2017-present)

Scientific Committee Member, 10th Asian Conference on Pharmacoepidemiology (2017)

Member, International Society of Pharmacoepidemiology (2014-present)

Member, Australian Pharmaceutical Science Association (2014-present)

Dr Caitlin Hughes

Editorial board member, *International Journal of Drug Policy* (2017)

Member, International Society for the Study of Drug Policy (2008-onwards)

Member, International Society for the Study of Drug Policy Conference Scientific Planning Committee (2011-onwards)

Judge, Western Australia AOD Excellence Awards (2017)

Senior Research Associate, International Drug Policy Unit, London School of Economics (2017)

Dr Sally Hunt

Member, APS College of Clinical Psychologists (2013-present)

Member, Society for Mental Health Research (SMHR) (2005-present)

Member, Australian Association for Cognitive and Behavioural Therapy (AACBT) (2006-present)

Full Member, Australian Psychological Society (APS) (2003-present)

Dr Delyse Hutchinson

Co-convenor and Member, Longitudinal Studies Network, Australian Research Alliance for Children and Youth (ARACY) (2011-present)

Member, Australian Psychological Society (APS) (2000-present)

Member, Cannabis Cohorts Research Consortium (CCRC) (2006-present)

Executive Committee Member and Co-ordinator, MasterClass Training Series, Longitudinal Studies Network, Australian Research Alliance for Children and Youth (ARACY) (2011-present)

Honorary Research Fellow, Murdoch Children's Research Institute, Centre for Adolescent Health, Royal Children's Hospital (2014-present)

Honorary Research Fellow, University of Melbourne, Department of Paediatrics, Royal Children's Hospital (2014-present)

Co-convenor and Member, Lifecourse Sciences Theme, Strategic Research Centre for Social and Early Emotional Development, Faculty of Health, School of Psychology, Deakin University (2015-present)

Collaborating Research Supervisor, Department of Psychology, Macquarie University (2013-present)

Dr Sharlene Kaye

Assistant Editor, *Addiction* (2009-present)

Board Member (Secretary), International Collaboration on ADHD and Substance Abuse (ICASA) (2010-present)

Member, NHMRC Research Translation Faculty (2012-present)

A/Prof Frances Kay-Lambkin

Member, Grant Review Panel 5E (Project Grants-2015)

Member, NHMRC Partnership Projects (2015)

Secretary, Executive Committee, Society for Mental Health Research (2014-present)

Board of Directors, International Society for Research on Internet Interventions (2013-present)

Member, NHMRC Research Translation Faculty (2012-present)

Member, Expert Advisory Group, Development of Comorbidity Booklets for the Commonwealth Department of Health and Ageing (2011-present)

Member, Expert Advisory Group-Web Development, National Drug and Alcohol Research Centre, University of NSW (2011-present)

Member, Executive Committee, Special Interest Group on Telephone and Internet Treatment, Australian Psychological Society (2010-present)

Chair, Research Development Grant Program, National Drug and Alcohol Research Centre, University of New South Wales (2010-present)

Member, Centre Management Committee, Centre for Brain and Mental Health Priority Research Centre, University of Newcastle (2010-present)

Member, Research Management Committee, School of Medicine and Public Health, University of Newcastle (2010-present)

Member, Senior Academic Research Advisory Group, National Drug and Alcohol Research Centre, University of NSW (2009-present)

Dr Kari Lancaster

Assistant Commissioning Editor, *Addiction* (2017-present)

Member, Advisory Panel of the Qualitative Research Network (QRN) Hub (2017-present)

Faculty Champion, Medicine Equity, Diversity and Inclusion Committee (MEDIC) UNSW Medicine (2017)

Member, 4s2018 National Organising Committee, Society for Social Studies of Science (2017-present)

Member Editorial Board, *International Journal of Drug Policy* (2016-present)

Member International Editorial Board, *Drugs: Education, Prevention and Policy* (2014-present)

Dr Briony Larence

Member, Australasian Professional Society on Alcohol and Other Drugs Conference Scientific Program Committee (2013-present)

Assistant Editor, *Drug and Alcohol Review*, (2017-present)

Chairperson, Board of Management, Drug and Alcohol Multicultural Education Centre (DAMEC), (2017-present)

Member, Australasian Professional Society of Alcohol and Other Drugs, (2016-present)

Regular Member, College on Problems of Drug Dependence, (2016-present)

Dr Sarah Larney

Associate Editor, *Drug and Alcohol Review* (2016-2017)

Senior Editor, *Drug and Alcohol Review* (2017-present)

Associate Editor, *Addiction* (2017-present)

Advisory Board Member, Revista Española de Sanidad Penitenciaria (*Spanish Journal of Prison Health*) (2017-present)

Member, Board of Management, Judge Rainbow Memorial Fund

Dr Christina Marel

Member, APSAD Scientific Review Committee (2016-present)

Member, APSAD Early Career Researcher Committee (2014-present)

Prof Richard Mattick

Member, International Narcotics Control Board, United Nations Office Vienna (2015-present)

Member, Alcohol Beverages Advertising Code adjudication panel (2005-present)

Member, Sax Institute Research Partnerships for Better Health (2006-present)

Member, Australian Research Alliance on Children and Youth (2008-present)

A/Prof Katherine Mills

Member, NSW Mental Health Review Tribunal (2016-present)

Research Fellow, Black Dog Institute (2016-present)

Member, UNSW Human Research Ethics Advisory Panel (2015-present)

Assistant Editor, *Addiction* (2010-present)

Member, International Society for Traumatic Stress Studies Conference Scientific Review Committee (Clinical/Intervention) (2016-present)

Member, Black Dog Research Committee (2017-present)

Member, Central & Eastern Sydney Primary Health Network Drug & Alcohol Advisory Committee (2017-present)

Member, NHMRC Career Development Fellowships Review Panel (2017-present)

Ms Alice Munro

Honorary Associate in the Sydney University Medical School

Dr Nicola Newton

Member, NHMRC Research Translation Faculty (2013-present)

Director, Prevention Stream, NHMRC Centre for Research Excellence in Mental Health and Substance Use (2012-present)

Member, Prevention Science Network, Australian Research Alliance for Children & Youth (2012-present)

Early Career Research awards program co-convener, The Mental Health Services (theMHS) network, (2014-present)

Assistant Editor, *Drug and Alcohol Review* (2015-present)

Member, International Youth Mental Health Research Network, 2017-present

Award judging committee, The Mental Health Services (theMHS) network, 2017-present

Advisory Board Member, Checkmate project, DoH, Sept 2016-present

Society for Prevention Research (SPR) scientific program committee, 2013-017

Dr Suzanne Nielsen

Member, APSAD Early Career Researcher Committee (2014-present)

Managing Editor, *Drug and Alcohol Review* (2010-present)

Editorial Board Member, *Journal of Substance Abuse Treatment* (2015-present)

Editorial Board Member, *Mental Health Clinician* (2015-present)

Nominated Scientific Expert, CODEMISUSED Project (2014-present)

Member, National Naloxone Reference Group (2015- present)

Member, NHMRC Postgraduate Scholarships Review Panel (2015-present)

Honorary Research Fellow, Drug and Alcohol Services, South Eastern Sydney Local Health District (2012-Present)

Grant reviewer, National Institute for Health Research UK (Evaluation, Trials and Studies) (2014-Present)

Member, Pharmaceutical Society of Australia (PSA) (2008-present)

Member, Australasian Professional Society on Alcohol and other Drugs (APSAD) (2011-present)

Regular Member, College on Problems of Drug Dependence (CPDD) (2012-present)

Member, International Association for the Study of Pain (IASP) (2014-present)

Member, College of Psychiatric and Neurologic Pharmacists (CPNP) (2014-present)

Member-NSW Agency for Clinical Innovation (ACI) Working Group, Limited opioid prescribing practice (2017-2018)

Member-Nationally Coordinated Codeine Implementation Working Group (NCCIWG), Therapeutic Goods Administration, Core Member and member of the Medical practitioner-focused sub-group.

Member-Therapeutic Goods Administration Advisory Committee on Medicines Scheduling (2017- Current)

Chair NHMRC Postgraduate Scholarships Panel (2017)

Member Central and Eastern Sydney Drug and Alcohol Advisory Board (2017- Present)

Dr Amy Peacock

Tasmanian Representative, APSAD Council (2015-present)

Member, APSAD Early Career Research Committee (2014-present)

Prof Alison Ritter

Scientific Advisory Committee, UNODC World Drug Report (2015 to 2019)

NHMRC Alcohol Guidelines Expert Committee (2016-present)

Member, Advisory Committee, Centre for Alcohol Policy Research, LaTrobe University (2015 to present)

Vice President, Alcohol and Drug Council of Australia (2011-present)

Immediate Past President, International Society for the Study of Drug Policy (2015-present)

Member, Board of Directors, Alcohol and Drug Council of Australia (2010-present)

Associate Editor, *Journal of Drug Policy Analysis* (2010-present)

Senior Editor, *International Journal of Drug Policy* (2017-present)

Member, NSW Needle and Syringe Program Planning Network (2014-present)

Advisory Panel Member, Development of needs-based planning models for

substance use services and supports in Canada (Health Canada funded) (2011-present)

Member, Global Science Group for Addictions and Lifestyles in Contemporary Europe (ALICE) project (EU funded) (2011-present)

Chair, Drug Policy Working Group, National Institute on Drug Abuse (NIDA funded) (2011-present)

Member, National Drug Strategy Household Survey Technical Advisory Group (2009-present)

Technical Advisor, International Centre for Science in Drug Policy (2011-present)

Dr Joanne Ross

Assistant Editor, *Addiction* (2006-present)

Member of the Allied Health Worker Advisory Committee, NSW Health (2010-present)

Prof Anthony Shakeshaft

Executive Committee Member, Drug and Alcohol Network, NSW Agency for Clinical Innovation (2015-present)

Research Committee Member, SMART Recovery Australia (2014-present)

Expert Advisory Panel Member, Queensland Alcohol Prevention Service (2014-present)

Member, International Network on Brief Interventions for Alcohol and Other Drugs (2011-present)

Conjoint Associate Professor, Faculty of Health, University of Newcastle (2010-present)

Assistant Editor, *BMC Public Health* (2010-present)

A/Prof Tim Slade

Member, Expert Advisory Group for the second National Child and Adolescent Mental Health Survey (2011-present)

Australian representative, World Health Organisation World Mental Health Survey Initiative

Member, NHMRC Early Career Fellowships Panel (2012-2014)

Chair, NHMRC/ARC Dementia Early Career Fellowships Panel (2015)

Member, Orygen Research Committee (2015-present)

Regional Editor, *Social Psychiatry and Psychiatric Epidemiology* (2009-present)

Consulting Editor, *Journal of Abnormal Psychology* (2012-present)

Assistant Editor, *Addiction* (2012-present)

Statistical Editor, *PLOS One* (2013-present)

Dr Janette Smith

Member, Organising Committee for the 22nd Australasian Society for Psychophysiology Conference, hosted at UNSW Nov 28-30, 2012

Guest Editor, *International Journal of Psychophysiology*, Special Issue: Psychophysiology in Australasia

Member, Executive Committee, Australasian Society for Psychophysiology (2013-present)

Dr Lexine Stapinski

Honorary Associate Appointment, School of Social and Community Medicine, University of Bristol (2013-present)

Honorary Associate Appointment, Department of Psychology, Macquarie University (2012-present)

Member, Anxiety Practitioner's Network Organising Committee (2014-present)

Member, Community Mental Health Drug and Alcohol Research Project Reference Group (2015-present)

Dr Emily Stockings

Society for Mental Health Research (SMHR) Early Career Researcher Committee Executive Member (2016-Present)

The Netherlands Organisation for Health Research and Development, invited external expert grant reviewer (2016-present)

Grant reviewer, Princess Alexandra Hospital Research Scheme (2014-2015)

Community Manager, European Young Epidemiologists (EYE; 2015-Sept 2016) Invited Expert Panel Member, the United States National Committee for Quality Assurance (NCQA) working group on depression assessment tools (2015-present)

Invited Expert Panel Member, Orygen Youth Mental Health Research Priorities and Implementation Framework (2015-present)

Dr Matthew Sunderland

Member, NHMRC Research Translation Faculty (2013-present)

Member, Social Psychiatry and Psychiatric Epidemiology editorial advisory board (2013-present)

External Research Fellow, Black Dog Institute, Sydney, Australia (2016-present)

Visiting Fellow, Centre for Mental Health Research, Australian National University, Canberra, Australia (2017-present)

Member, Hierarchical Taxonomy of Psychopathology Consortium, Stony Brook University, New York, USA (2016-present)

Member, NHMRC Postgraduate Scholarships Panel (2016-2017)

Member, Society of Mental Health Research Conference Local Organising Committee (2017)

Member, Society of Mental Health Research Conference Scientific Committee (2017)

Ms Rachel Sutherland

Member, Alcohol and Other Drugs Advisory Panel, ACON (2013-present)

Dr Wendy Swift

Deputy Editor (Book Reviews), *Drug and Alcohol Review* (2012-present)

Member, Cannabis Cohorts Research Consortium (2006-present)

Member, Expert Working Committee for the NSW Ministry of Health's Older Person's Substance Use Project (2014-present)

Prof Maree Teesson

Chair, Executive Committee, NHMRC Centre of Research Excellence in Mental Health and Substance Use

Member, NHMRC Centre of Research Excellence in Suicide Prevention

Member, Australian Cannabis Cohorts Research Consortium (2008-present)

Member, Expert Working Group, NSW Mental Health Commission (2011)

Co-chair, UNSW Women's Employment Strategy Committee (2011-present)

Founding Member, Management Committee, The Mental Health Services Conference of Australia and New Zealand (1993-present)

Co-convenor, The Mental Health Services Conference of Australia and New Zealand Summer Forum (2006-present)

Member, Health Care Committee, Principal Committee NHMRC (2012-present)

Chair, NHMRC Postgraduate Scholarship Awards Committee, NHMRC (2012-2014)

Member, NHMRC Grant Review Panel (2012-2014)

Member, NHMRC Assigners Academy (2013-2014)

Editorial Board, *Current Drug Abuse Reviews*

Assistant Editor, *Addiction*

Dr Louise Thornton

Chair of the Society for Mental Health Research (SMHR) Early Career Researcher Committee (2016-present)

Member for the International Society for Research on Internet Interventions (ISRII) Early Career Researcher Committee (2016-present)

Member of the International Society for Research on Internet Interventions (ISRII) Membership Committee (2016-present)

Dr Katinka Van de Ven

Editor-in-chief, *Performance Enhancement & Health* (2018-present)

Co-Founder, *Human Enhancement Drug Network* (2015-present)

Honorary Research Fellow, Centre for Public Health, Liverpool John Moores University, UK (2016-present)

Member, Australasian Professional Society on Alcohol and other Drugs (APSAD) (2017-present)

Member, International Society for the Study of Drug Policy (2016-present)

Member, Deviant Leisure Research Group, UK (2014-present)

Member, International Network of Doping Research (INDR), DK (2013-present)

Dr Thu Vuong

Thu Vuong, Conjoint Appointment, Hanoi Medical University, Vietnam 2017-present

POSTGRADUATE STUDENTS

Zahra Alam Mehrjerdi (2013-present)

The effects of cognitive-behavioural therapy on methamphetamine use among women in methadone treatment in Tehran

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Kate Dolan, Nadine Ezard, Azarakhsh Mokri

Submitted 2017

Louise Birrell (2014-2017)

Untangling co-morbidity: substance use and mental health in young Australians

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Nicola Newton, Tim Slade, Maree Teesson

Conferred 2017

Veronica Boland (2015-present)

Reducing tobacco smoking among low SES smokers

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Ryan Courtney, Richard Mattick

Expected date of submission: Semester 1, 2018

Rebecca Bosworth (2017-present)

Reduction of drug-related harm in prison: A global assessment of the current situation and evaluation of specific programs.

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Kate Dolan, Michael Farrell

Expected date of submission: Semester 1, 2020

Kerryn Butler (2014-present)

Hepatitis C testing and treatment intervention among people who inject drugs

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Lucy Burns, Carolyn Day, Sarah Larney

Expected date of submission: Semester 2, 2018

Bonita Byrne (2017-present)

Cultures within culture: exploring the influence of Aboriginal clan, family and community relationships in responding to alcohol related harms in Aboriginal communities in NSW

Full-Time Masters in the School of Public Health and Community Medicine

Supervisors: Anthony Shakeshaft, Mieke Snijder

Expected date of submission: Semester 2, 2019

Philip Clare (2016-present)

Issues in mediation analysis and applications to drug and alcohol research

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Timothy Dobbins, Raimondo Bruno, Richard Mattick

Expected date of submission: Semester 2, 2018

Juliana Erthal (2016-present)

Analysis of Global Changes in Opioid Medicine Production and Availability: Country, Regional and International Trends

Part-Time PhD in the School of Public Health and Community Medicine

Supervisors: Richard Mattick, Timothy Dobbins, Stefano Berterame

Expected date of submission: Semester 1, 2020

Catherine Foley (2014-present)

Integrating treatment for co-occurring substance use and mental health disorders: improving outcomes for people in rural Australian communities

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Anthony Shakeshaft, Michael Farrell, Julia Lappin, Ryan Courtney, Julaine Allan

Expected date of submission: Semester 1, 2018

Clara Fritchley (2015-present)

Therapeutic alliance on the NSW Drug Court Program

Part-Time PhD in the School of Public Health and Community Medicine

Supervisors: Emma Barrett, Kath Mills

Expected date of submission: Semester 1, 2021

Lisa Gibson (2015-2017)

Development and evaluation of a novel community-based intervention for adolescents facing school-initiated sanctions for cannabis use

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Sally Nathan, Jan Copeland

Withdrew from program

Lisa Hilder (2011-present)

Maternities complicated by mental illness and substance use in the information age

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Lucy Burns, Elizabeth Sullivan, Grant Sara

Expected date of submission: Semester 2, 2018

Bianca Hoban (2012-present)

Associations between multiple medication use and medication related problems among people chronic non-cancer pain prescribed opioids

Part-Time PhD in the School of Public Health and Community Medicine

Supervisors: Louisa Degenhardt, Briony Larance, Suzi Nielsen, Dr Natasa Gisev

Expected date of submission: Semester 1, 2018

Shann Hulme (2016-present)

The diversion of pharmaceutical drugs for non-medical use in Australia

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Suzanne Nielsen, Caitlin Hughes

Expected date of submission: Semester 2, 2019

Doug James (2016-present)

Examining treatment outcomes for Aboriginal clients of Indigenous drug and alcohol residential treatment services in NSW

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Anthony Shakeshaft, Kylie Lee, Ryan Courtney

Expected date of submission: Semester 1, 2019

Erin Kelly (2013-present)

Bullying and substance use in Adolescents: risks and responses

Part-Time PhD in the School of Public Health and Community Medicine

Supervisors: Maree Teesson, Nicola Newton, Lexine Stapinski

Expected date of submission: Semester 1, 2018

Ivana Kihás (2017-present)

The relationship between traumatic stress, problematic substance use and disordered eating behaviours among Australian adolescents

Full-Time PhD in the School of Public Health and Community Medicine
Supervisors: Kath Mills, Emma Barrett, Maree Teesson, Stephen Touyz
Expected date of submission: Semester 1, 2020

Alice Knight (2013-present)

Estimating the costs and benefits of a multi-component intervention aimed at high-risk young Indigenous Australians

Part-Time PhD in the School of Public Health and Community Medicine

Supervisors: Anthony Shakeshaft, Alys Havard, Myfanwy Maple

Expected date of submission: Semester 1, 2018

Siobhan Lawler (2017-present)

Understanding the relationship between drug use and violence among young people

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Maree Teesson, Lexine Stapinski, Emma Barrett

Expected date of submission: Semester 1, 2021

Richard Mellor (2016-present)

Problematic Alcohol Behaviours: An Exploration of Self-Transitioning

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Alison Ritter, Kari Lancaster

Expected date of submission: Semester 2, 2019

Sonja Memedovic (2012-present)

Depression in people with opioid dependence

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Tim Slade, Jo Ross, Maree Teesson

Expected date of submission: Semester 2, 2018

Vivienne Moxham-Hall (2015-present)

Cross-National Comparisons of Drug Policies and their Health and Social Impacts

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Alison Ritter, Caitlin Hughes

Expected date of submission: Semester 1, 2018

Alice Munro (2014-present)

Reducing alcohol and drug related harm in rural Aboriginal communities

Part-Time PhD in the School of Public Health and Community Medicine

Supervisors: Anthony Shakeshaft, Courtney Breen

Expected date of submission: Semester 1, 2018

Matthew O'Reilly (2014-present)

Understanding how high level drug traffickers operate within Australia

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Caitlin Hughes, Alison Ritter

Expected date of submission: Semester 1, 2018

Katrina Prior (2014-2018)

Substance use disorders, depression and social phobia: An examination of co-occurring disorders

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Jo Ross, Maree Teesson, Kath Mills

Conferred 2018

Amanda Roxburgh (2012-present)

Trends in prescription opioid use and related harms in Australia

Part-Time PhD in the School of Public Health and Community Medicine

Supervisors: Louisa Degenhardt, Lucinda Burns, Wayne Hall

Expected date of submission: Semester 2, 2018

Shivanjali Singh (2016-present)

Cannabis and its Acceptance by Patients and Health Professionals (CAPH)

Part-Time PhD in the School of Public Health and Community Medicine

Supervisors: Suzanne Nielsen, Michael Farrell, Denton Callander

Expected date of submission: Semester 1, 2020

Mieke Snijder (2013-2017)

Working together with Aboriginal communities: balancing partnerships and rigorous research in the development and evaluation of community-based interventions aiming to reduce alcohol-related harms

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Anthony Shakeshaft, Bianca Calabria, Annemarie Wagemakers

Submitted 2017

Maureen Steele (2016-present)

Do harm reduction programs in NSW reduce harm?

Part-Time Masters in the School of Public Health and Community Medicine

Supervisors: Sarah Larney, Mary Harrod, Kylie Valentine

Expected date of submission: Semester 1, 2019

Rachel Sutherland (2015-present)

New psychoactive substances in Australia

Full-Time PhD in the School of Public Health and Community Medicine

Supervisors: Lucinda Burns, Raimondo Bruno, Monica Barratt

Expected date of submission: Semester 2, 2018

Kathryn Woodcock (2013-present)

Optimising treatment for trauma and related issues

Part-Time PhD in the School of Public Health and Community Medicine

Supervisors: Frances Kay-Lambkin, Maree Teesson, Kath Mills, Amanda Baker, Peter Stanwell

Expected date of submission: Semester 1, 2016

RESEARCH GRANTS AND FUNDING

		2017 AUD\$	AWARD TOTAL A\$
Department of Health	Drug and Alcohol Program		
	Alcohol and Other Drug Research Grant	2,750,000	8,005,000
	Substance Misuse Prevention and Service Improvement Grant		
	Core Funding for National Drug and Alcohol Research Centre (include Scholarships)	1,394,728	12,132,467
	Drug Trends (idrs, edrs and nidip)	420,000	7,336,797
	Centre of excellence for the clinical management of emerging drugs of concern	3,337,500	8,798,000
	Positive choices to prevent alcohol and drug-related harms among young aboriginal and torres strait islanders: development and implementation	371,462	849,741
	Positive choices: development, maintenance and dissemination of online prevention portal	395,663	1,281,848
	An integrated online intervention for students and parents to prevent alcohol and cannabis harms among adolescents	229,433	524,841
	Cracks in the ice – community ice toolkit	493,576	1,843,576
	Feasibility of a national early warning system for illicit drug use and harms	77,051	77,051
	Commonwealth Government Contract		
	Review of cannabis and cannabinoids for medical purposes	231,916	318,548
	Development of a national treatment framework for drug and alcohol treatment services.	70,950	70,950
	Tackling Indigenous Smoking Innovation Grants		
	Health Intervention “SNAP”	385,583	771,166
	Substance Misuse Prevention and Service Improvement Grant – Subcontract and Shared Grant		
	Young Australian Alcohol Reporting System (Curtin University of Technology)	14,451	43,352
	Aboriginal and Torres Strait Islander peoples’ alcohol and other drugs Knowledge Centre (Edith Cowan University)	10,000	25,000
National Health and Medical Research Council (NHMRC)	Centres of Research Excellence		
	CRE in mental health and substance use: translating innovative prevention and treatment	316,772	2,499,020
	Project Grant		
	Toward a comprehensive picture of the epidemiology of alcohol and illicit drug use disorders: novel analyses of the world health organization’s world mental health surveys	230,932	711,430
	Pharmaceutical opioids for chronic non-cancer pain: evaluating health outcomes and economic impact over five years	226,661	775,920
	The radar project: identifying early warning signals on the pathways to alcohol use disorder	180,918	884,321
	A non-inferiority trial of cytisine versus varenicline for smoking cessation.	769,960	1,885,813
	Drugs on the darknet: assessing the global health risks of a rapidly expanding market	184,938	399,691
	Pathways to prevention: the effectiveness of universal and selective prevention in altering developmental pathways to alcohol and cannabis related harms in young adults	163,656	465,968

		2017 AUD\$	AWARD TOTAL A\$
	Alcohol and other drug treatment funding, purchasing and workforce: empirical analyses to inform policy	167,914	473,866
	TCR – Mental Health: Prevention of, and Early Intervention in Mental illness in Children and Young People		
	Internet-based universal prevention for anxiety, depression and substance use in young australians	202,881	1,500,740
	Project Grant – Shared Grant		
	An RCT of cannabinoid replacement therapy (Sativex®) for the management of treatment-resistant cannabis dependent patients (University of Sydney)	18,404	27,606
	Defining the clinical role of topiramate in the treatment of alcohol dependence in australia (University of Sydney)	9,368	23,419
	Understanding the impacts of vaporised nicotine products on smoking in australia (Anti Cancer Council of Victoria)	50,000	165,000
	Centres of Research Excellence – Shared Grant		
	A centre for research excellence: building indigenous research capacity to find solutions to alcohol problems (University of Sydney) – See Sub note (b) below	63,553	136,000
Australian Rotary Health Research Fund	Mental Health of Young Australian Research Grant		
	The impacts of early-adolescent parental alcohol provision on late-adolescent alcohol outcomes: Phase 2 of a longitudinal cohort	66,122	205,190
	Making inroads: Trial of an innovative early intervention to interrupt the cycle of anxiety and drinking in young australians	69,773	69,773
	Ian Scott Scholarship		
	The relationship between social phobia, depression, and substance use disorders: the impact on treatment outcomes (Katrina Prior)	856	7,327
	Development and evaluation of a novel community-based intervention to reduce cannabis use and associated harms among high risk adolescents (Lisa Webb)	1,712	5,575
	David Henning Memorial Phd Scholarship		
	Untangling co-morbidity: substance use and mental health in young Australians (Louise Birrell)	4,356	13,435
	Funding Partner PHD Scholarship		
	The relationship between traumatic stress, problematic substance use and disordered (Ivana Kihias)	14,167	17,000
Health Administration Corporation	State Government Contract		
	Development and pilot of online comorbidity tools to improve treatment engagement and effectiveness in mental health and substance abuse problems	58,074	250,001
	Evaluation of the Involuntary Drug and Alcohol Treatment program	38,250	312,473
	Monitoring and assessment of the Assertive Community Management program	50,000	250,920

		2017 AUD\$	AWARD TOTAL A\$
Australian Research Council	Discovery Project		
	Understanding recent Australian trends in alcohol consumption and harms	90,000	274,600
	Integrating research into youth services in remote communities	320,000	743,500
	Discovery Project – Shared Grant		
	Involving children in social research: balancing the risks and benefits (Australian Catholic University)	13,635	82,242
Contract Research	Contract Research		
	scoping current practices and support needs of healthcare providers in cesphn in relation to addressing patients? co-occurring mental health and alcohol and other drug issues (Central and Eastern Sydney Primary Health Network)	56,940	71,175
	Systematic review of community based alcohol interventions (University of Newcastle)	4,997	4,997
	Potential harms of ends use in youth (University of Newcastle)	4,939	4,939
	Evaluating the caylus youth worker brokerage (Central Australia Youth Link-up Service, Tangentyere Council Inc)	9,091	57,006
	Consulting and research on uniting drug policy (Uniting)	9,000	18,000
	Development of a screening tool to increase the capacity of health professionals in cesphn to identify prescription opioid dependence (Central and Eastern Sydney Primary Health Network)	8,724	12,462
	Reducing Risk for Children (Sax Institute)	15,600	26,000
	Tapentadol abuse potential and safety study (Seqirus Australia Pty Ltd)	127,169	141,299
International Contract	Prevention and treatment of hiv among people who inject drugs (World Health Organisation)	15,975	31,950
	Analysis of the world mental health survey data to inform icd-11 classification of disorders due to substance use and addictive behaviours (World Health Organisation)	53,393	53,393
	A prospective cohort study of buprenorphine-depot in prison (Indivour UK Limited)	120,465	120,465
	Implementation of buprenorphine depot in community based treatment settings (Indivour UK Limited)	112,990	112,990
	Updating the global review of the coverage of hiv prevention and treatment services for people who inject drugs (Global Fund to Fight Aids, tuberculosis and Malaria)	20,322	20,322
Other Federal and State Government	Reducing stigma and discrimination for people experiencing problematic alcohol and other drug use (Queensland Mental Health Commission)	29,814	149,069
	An evaluation of the safe space program (NSW Dept of Juvenile Justice)	63,636	165,500
	Community based participatory research (Dept of Prime Minister and Cabinet)	150,000	150,000
	Developing a program logic and evaluation framework for an act drug and alcohol court: proposal from the drug policy modelling program (Act Dept of Justice and Community Safety)	118,182	118,182

		2017 AUD\$	AWARD TOTAL A\$
Other Research Grants	Ahuri National Housing Research Program – Research Shared Grants		
	Integrated housing support for vulnerable families (University of Tasmania)	5,025	5,025
	NIH National Institute on Drug Abuse SubContract		
	Advice on data collection of illicit drug use (Wright State University)	2,767	5,534
	Drug Policy Modelling Program		
	Drug Policy Modelling program – 2010 to 2013 (Colonial Foundation Trust)	–	7,661,973
Fellowships	NHMRC Research Fellowships		
	Senior Research Fellowship A – Professor Alison Ritter	126,274	707,184
	Assessing the population health impact of illicit drug use: prevalence, trajectories, and contributions to disease burden – Professor Louisa Jane Degenhardt (NHMRC)	142,949	714,745
	Mental health and substance use: Understanding, preventing and treating – Professor Maree Teesson (NHMRC)	130,553	652,765
	Alcohol, tobacco, illicit drugs, and prescribed drugs: Birth, adolescent, and adult prospective cohorts and RCTs of interventions – Professor Richard Phillip Mattick (NHMRC)	142,949	714,745
	Innovative responses to prevention and treatment of mental disorders and substance use – Professor Maree Teesson (NHMRC)	147,996	739,980
	Right Person, Right Treatment, Right Time: Engaging comorbid populations with eHealth interventions across the lifespan – Associate Professor Lambkin Frances Kay-Lambkin (NHMRC)	124,531	622,655
	Improving treatment responses for co-occurring mental and substance use disorders – Associate Professor Katherine Mills (NHMRC)	126,274	631,370
	Translating Research Into Practice (TRIP) Fellowships		
	Increasing the capacity of community pharmacy for screening, brief intervention and referral for treatment of pharmaceutical opioid use disorders – Dr Suzanne Nielsen (NHMRC)	73,832	177,197
	Empowering young people to make positive health choices: translation of evidence-based drug and alcohol prevention to Australian adolescents – Dr Lexine Ann Stapinski (NHMRC)	44,299	177,197
	Early Career Fellowships		
	Public health challenges and opportunities of internet technologies for the study of new and emerging psychoactive substance use and related health harms – Dr Monica Jane Barratt (NHMRC)	76,149	304,596
	Examination of the trajectories and health consequences of pharmaceutical opioid use in Australia – Dr Briony Kate Larance (NHMRC)	76,149	304,596
	Determining the impact of pharmaceutical opioid use in Australia: a focus on burden, risks and harms – Dr Natasa Gisev (NHMRC)	77,359	309,436
	Externalising behaviours in young people: predictors, prevention and treatment – Dr Emily Alice Stockings (NHMRC)	78,661	314,644
	Quantifying the predictors and risks of problematic alcohol use – Dr Amy Kathleen Peacock (NHMRC)	78,661	314,644

	2017 AUD\$	AWARD TOTAL A\$
The extent and impact of pharmaceutical opioids for chronic non-cancer pain – Dr Gabrielle Szytkiel (NHMRC)	63,754	318,768
A multiple health behaviour approach to prevent common and emerging risk factors for chronic disease: development and evaluation of a novel online intervention for Australian adolescents – Dr Katrina Elizabeth Champion (NHMRC)	72,737	408,768
Royce Abbey PostDoctoral Fellowship		
Neurocognitive deficits in young heavy drinkers – Dr Janette Louise Smith (Australian Rotary Research Funds)	75,000	225,000
PostDoctoral Fellowship		
The effect of cognitive training on adolescent behavioural disinhibition and binge-drinking Dr Louise Rua Mewton (Australian Rotary Research Funds)	75,000	225,000
Fellowships		
Early Career Fellowships		
Reducing tobacco smoking among low-SES smokers: A RCT To improve compliance with treatment, smoking cessation and health economic outcomes – Dr Ryan James Courtney (Cancer Institute NSW)	159,766	558,512
Vice-Chancellor's Post Doctoral Fellowships		
Development and evaluation of a mobile-delivered substance use intervention for people with mental disorders – Dr Louise Kylie Thorton (UNSW)	10,000	20,000
Quantifying the predictors and risks of problematic alcohol use – Dr Amy Kathleen Peacock (UNSW)	10,000	30,000
Early Mid Career Fellowship		
Enhancing comorbidity competency in mental health and substance use treatment services – Dr Emma Louise Barrett (NSW Health)	200	15,455
Early Career Research Fellowships		
An innovative response to improving the prevention of substance use and mental health problems among young Australians – Associate Professor Nicola Clare Alice Newton (Society for Mental Health Research)	–	100,000
Suicide and chronic pain in Australia: a retrospective mortality study – Dr Gabrielle Szytkiel (Society for Mental Health Research)	20,000	20,000
Grand Total of Externally Funded in 2017	16,357,337	71,796,705

PUBLICATIONS

NDARC TECHNICAL REPORTS

336. Leung, J., Stockings, E. A., Wong, I., Galasyuk, N., Diminic, S., Leitch, E., Whiteford, H., Degenhardt, L., Ritter, A., & Harris, M. (2017). *Co-morbid mental and substance use disorders – a meta-review of treatment effectiveness*. Sydney, NSW: National Drug and Alcohol Research Centre, UNSW, Australia. Retrieved from https://ndarc.med.unsw.edu.au/sites/default/files/ndarc/resources/NDARCTechnicalReport_ComorbidMS_DMetaReviewFinal_20170913_0.pdf

AUSTRALIAN DRUG TREND SERIES

163. Stafford, J. and Breen, C. (2017). *Australian Drug Trends 2016. Findings from the Illicit Drug Reporting System (IDRS)*. Sydney, NSW: National Drug and Alcohol Research Centre, UNSW, Australia. Retrieved from <http://www.drugtrends.org.au/reports/?p=IDRS&t=Report&o=datePublished>

164. Karlsson, A. and Breen, C. (2017). *New South Wales Drug Trends 2016. Findings from the Illicit Drug Reporting System (IDRS)*. Sydney, NSW: National Drug and Alcohol Research Centre, UNSW, Australia. Retrieved from <http://www.drugtrends.org.au/reports/nsw-idrs-2016/>

165. Butler, K. and Breen, C. (2017). *Australian Capital Territory Drug Trends 2016. Findings from the Illicit Drug Reporting System (IDRS)*. Sydney, NSW: National Drug and Alcohol Research Centre, UNSW, Australia. Retrieved from <http://www.drugtrends.org.au/reports/act-idrs-2016/>

166. Aitken, C., Lloyd, B. and Dietze, P. (2017). *Victorian Drug Trends 2016. Findings from the Illicit Drug Reporting System (IDRS)*. Sydney, NSW: National Drug and Alcohol Research Centre, UNSW, Australia. Retrieved from <http://www.drugtrends.org.au/reports/vic-idrs-2016/>

167. Lusk, B., Ney, A., Peacock, A. and Bruno, R. (2017). *Tasmanian Drug Trends 2016. Findings from the Illicit Drug Reporting System (IDRS)*. Sydney, NSW: National Drug and Alcohol Research Centre, UNSW, Australia.

Retrieved from <http://www.drugtrends.org.au/reports/tas-idrs-2016/>

168. Karlsson, A. and Breen, C. (2017). *South Australian Drug Trends 2016. Findings from the Illicit Drug Reporting System (IDRS)*. Sydney, NSW: National Drug and Alcohol Research Centre, UNSW, Australia. Retrieved from <http://www.drugtrends.org.au/reports/sa-idrs-2016/>

169. Fetherston, J. and Lenton, S. (2017). *Western Australian Drug Trends 2016. Findings from the Illicit Drug Reporting System (IDRS)*. Sydney, NSW: National Drug and Alcohol Research Centre, UNSW, Australia. Retrieved from <http://www.drugtrends.org.au/reports/wa-idrs-2016/>

170. Moon, C. (2017). *Northern Territory Drug Trends 2016. Findings from the Illicit Drug Reporting System (IDRS)*. Sydney, NSW: National Drug and Alcohol Research Centre, UNSW, Australia. Retrieved from <http://www.drugtrends.org.au/reports/nt-idrs-2016/>

171. McIlwraith F, Salom, C. and Alati R. (2017). *Queensland Drug Trends 2016. Findings from the Illicit Drug Reporting System (IDRS)*. Sydney, NSW: National Drug and Alcohol Research Centre, UNSW, Australia. Retrieved from <http://www.drugtrends.org.au/reports/qld-idrs-2016/>

172. Stafford, J. and Breen, C. (2017). *Australian Trends in Ecstasy and Related Drug Markets 2016. Findings from the Ecstasy and Related Drugs Reporting System (EDRS)*. Sydney, NSW: National Drug and Alcohol Research Centre, UNSW, Australia. Retrieved from <http://www.drugtrends.org.au/reports/national-edrs-2016/>

173. Vogl, L., Karlsson, A. and Breen, C. (2017). *NSW Trends in Ecstasy and Related Drug Markets 2016. Findings from the Ecstasy and Related Drugs Reporting System (EDRS)*. Sydney, NSW: National Drug and Alcohol Research Centre, UNSW, Australia. Retrieved from <http://www.drugtrends.org.au/reports/nsw-edrs-2016/>

174. Butler, K. and Breen, C. (2017). *Australian Capital Territory Trends in Ecstasy and Related Drug Markets 2016. Findings from the Ecstasy and Related Drugs Reporting System (EDRS)*. Sydney, NSW: National Drug and Alcohol Research Centre, UNSW,

Australia. Retrieved from <http://www.drugtrends.org.au/reports/act-edrs-2016/>

175. Truong, A., Dietze, P. and Lloyd, B. (2017). *Victorian Trends in Ecstasy and Related Drug Markets 2016. Findings from the Ecstasy and Related Drugs Reporting System (EDRS)*. Sydney, NSW: National Drug and Alcohol Research Centre, UNSW, Australia. Retrieved from <http://www.drugtrends.org.au/reports/vic-edrs-2016/>

176. Lusk, B., Ney, L., Matthews, A., Peacock, A. and Bruno, R. (2017). *Tasmanian Trends in Ecstasy and Related Drug Markets 2016. Findings from the Ecstasy and Related Drugs Reporting System (EDRS)*. Sydney, NSW: National Drug and Alcohol Research Centre, UNSW, Australia. Retrieved from <http://www.drugtrends.org.au/reports/tas-edrs-2016/>

177. Sutherland, R. and Breen, C. (2017). *South Australian Trends in Ecstasy and Related Drug Markets 2016. Findings from the Ecstasy and Related Drugs Reporting System (EDRS)*. Sydney, NSW: National Drug & Alcohol Research Centre, UNSW, Australia. Retrieved from <http://www.drugtrends.org.au/reports/sa-edrs-2016/>

178. Nelson, M. and Lenton, S. (2017). *West Australian Trends in Ecstasy and Related Drug Markets 2016. Findings from the Ecstasy and Related Drugs Reporting System (EDRS)*. Sydney, NSW: National Drug and Alcohol Research Centre, UNSW, Australia. Retrieved from <http://www.drugtrends.org.au/reports/wa-edrs-2016/>

179. Whittaker, E. and Breen, C. (2017). *Northern Territory Trends in Ecstasy and Related Drug Markets 2016. Findings from the Ecstasy and Related Drugs Reporting System (EDRS)*. Sydney, National Drug and Alcohol Research Centre, UNSW, Australia. Retrieved from <http://www.drugtrends.org.au/reports/nt-edrs-2016/>

180. Salom, C.L. and Alati, R. (2017). *Queensland Trends in Ecstasy and Related Drug Markets 2016. Findings from the Ecstasy and Related Drugs Reporting System (EDRS)*. Sydney, NSW: National Drug and Alcohol

Research Centre, UNSW, Australia. Retrieved from <http://www.drugtrends.org.au/reports/qld-edrs-2016/>

Roxburgh, A. and Breen, C. (2017). *Drug-related hospital stays in Australia, 1993-2015*. National Illicit Drug Indicators Project (NIDIP). Sydney, NSW: National Drug and Alcohol Research Centre, University of New South Wales. Retrieved from <http://www.drugtrends.org.au/reports/nidip-bulletin-march-2017/>

Roxburgh, A. and Burns, L. (2017). *Accidental drug-induced deaths due to opioids in Australia, 2013*. National Illicit Drug Indicators Project (NIDIP). Sydney, NSW: National Drug and Alcohol Research Centre, University of New South Wales. Retrieved from <http://www.drugtrends.org.au/reports/nidip-opioid-deaths-2013/>

Roxburgh, A. and Burns, L. (2017). *Cocaine and methamphetamine related drug-induced deaths in Australia, 2013*. National Illicit Drug Indicators Project (NIDIP). Sydney, NSW: National Drug and Alcohol Research Centre, University of New South Wales. Retrieved from <http://www.drugtrends.org.au/reports/nidip-cocaine-and-meth-deaths-2013/>

Roxburgh, A., Van Buskirk, J., Burns, L., & Bruno, R. (2017). *Drugs and the Internet Bulletin*, Issue 8, May. Sydney, NSW: National Drug and Alcohol Research Centre, University of New South Wales. Retrieved from https://dlstorage.blob.core.windows.net/drt101/1893/dnet-8th-buletin_website.pdf

Roxburgh, A., Van Buskirk, J., Burns, L., & Bruno, R. (2017). *Drugs and the Internet Bulletin*, Issue 9, December. Sydney, NSW: National Drug and Alcohol Research Centre, University of New South Wales. Retrieved from https://dlstorage.blob.core.windows.net/drt101/1915/dnet-9th-bulletin_final.pdf

OTHER REPORTS

Shanahan, M., Hughes, C., & McSweeney, T. (2017). *Australian police diversion for cannabis offences: Assessing program outcomes and cost-effectiveness*. Canberra, National Drug Law Enforcement Research Fund (NDLERF). Retrieved from <http://www.ndlerf.gov.au/publications/monographs/monograph-66>

[ndlerf.gov.au/publications/monographs/monograph-66](http://www.ndlerf.gov.au/publications/monographs/monograph-66)

Shanahan, M., Hughes, C., & McSweeney, T. (2017). *Police diversion for cannabis offences: Assessing outcomes and cost-effectiveness*. Canberra, Australian Institute of Criminology. Retrieved from <http://www.aic.gov.au/publications/current%20series/tandi/521-540/tandi532.html>

BOOK

Ritter, A., King, T., & Lee, N. (2017). *Drug Use in Australian Society* (2nd edition). South Melbourne: Oxford University Press.

BOOK CHAPTERS

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CONFERENCE PRESENTATIONS

Barratt, M. J.*, Aldridge, J., Potter, G., & Ross, A. *Are we ready to come out? Discretion, disclosure, identity and the drug researcher's drug use* [Workshop]. The 11th Annual Conference of the International Society for the Study of Drug Policy, Aarhus, Denmark, 19 May

Barratt, M. J.*, Bruno, R., Ezard, N., & Ritter, A. *Pill testing or drug checking in Australia: Acceptability of service design features*. Club Health: 10th International Conference on Nightlife, Substance Use and Related Health Issues, Dublin, Ireland, 25 May

Barratt, M. J.*, Coney, L., Aldridge, J., Maier, L., Ferris, J., & Winstock, A. *An exploration of how cryptomarket emergence might increase the population prevalence of drug use: Initiation, widened repertoires and diffusion into regular supply*. The 11th Annual Conference of the International Society for the Study of Drug Policy, Aarhus, Denmark, 18 May

Barratt, M. J.*, Ferris, J., Maier, L., & Winstock, A. *Psychedelics worldwide: Difficult experiences ('bad trips'), micro-dosing and ceremonial use*. Entheogenesis Australis (EGA) 2017 Psychedelic Symposium, Holmesglen at Eildon, Victoria, 9 December

Barratt, M. J.*, Latimer, J., Jauncey, M., Tay, E., & Nielsen, S. *Establishing a surveillance study for early detection of fentanyl-laced heroin in Australia* [Poster; Poster highlight talk]. APSAD 2017, Melbourne, 12-15 November

Barrett, E.L.*, Kelly, E.V., Cobham, V., Ross, J., Perrin, S., Bendall, S., Back, S., Brady, K., Teesson, M., Mills, K. *Development of an integrated cognitive-behavioural therapy for co-occurring PTSD and substance use among adolescents: COPE-A*. Symposium presentation at the Society for Mental Health Research (SMHR) Conference, Canberra, Dec 8th, 2017

Barrett, E.L.*, Mills, K., Kay-Lambkin, F., Kelly, P., Back, S., Brady, K., Teesson, M. *Implementing change by enhancing comorbidity competency in mental health treatment services*. Oral presentation at The Mental Health Services Conference, Sydney, Sept 1, 2017

Bates, G., van de Ven, K.*, Vinther, A., Jeffrey, C., & McVeigh, J. *Developing visual messages to improve health professionals' knowledge and*

awareness about anabolic steroids and the people who use them: a multidisciplinary collaboration.

Poster presentation, UK Society for Behavioural Medicine, Liverpool, UK, 13 Dec

Bharat, C.* *Birth cohort use and risk of transitioning to alcohol and cannabis use disorders*. Oral presentation at the International Biometric Society Australasian Region Conference 2017, Kingscliff, 26-30 November

Bharat, C.*, Degenhardt, L., Glantz, M., Peacock, A., Lago, L., Sampson, N., & Kessler, R. *The impact of cohort substance use upon likelihood of transitioning through stages of alcohol and cannabis use and use disorder in Australia*. Poster presentation at the 2017 National Drug and Alcohol Research Centre Annual Research Symposium, Sydney, 3-4 October

Birrell, L., Newton, N., Slade, T., Chapman, C., Mewton, L., Allsop, S., Hides, L., McBride, N., Andrews, A., Shaw, B., Poccuca, N., Te Pas, N. & Teesson, M. *'Concurrent development of emotional symptoms and alcohol use in adolescents'*, Oral presentation, The Society for Mental Health Research Conference, Canberra, Australia, December, 2017

Birrell, L.*, Newton, N., Chapman, C., Andrews, G., Mewton, L., Allsop, S., Hides, L., McBride, N., Pas, N., Poccuca, N., Shaw, B., Teesson, M., & Slade, T. *'Reciprocal relationships between internalising and alcohol use among community adolescents'*, Oral presentation, International Federation of Psychiatric Epidemiology, Melbourne, Australia, October, 2017

Birrell, L.* *Internalising symptoms and alcohol use among community adolescents*. National Drug and Alcohol Research Seminar, Sydney, Australia, September, 2017

Birrell, L.*, Brierley, M.E, Champion, K.C., Newton, N., Stapinski, L., Chapman, C., Kay Lambkin, F., Shaw, B., Lawler, S., Nair, N., & Teesson, M. *'Development of an online toolkit to disseminate evidence-based information about crystal methamphetamine'*, Oral presentation, The Australian Winter Schools Conference, Brisbane, Australia, July, 2017

Birrell, L.* *'Anxiety, mood disorders and alcohol use. A developmental*

perspective', invited speaker, Rotary Club of Parramatta, Parramatta, Australia, March, 2017

Blanch, B., Degenhardt, L. *To what extent do data from pharmaceutical claims under-estimate opioid analgesic utilisation in Australia?* Presented at the National Drug and Alcohol Research Centre 2017 Annual Symposium, Sydney, 3-4 October 2017

Bruno, R., Peacock, A.*, Larance, B., Lintzeris, N., Ali, R., Degenhardt, L. *Severity of Dependence Scale: Diagnostic Cut-off for Pharmaceutical Opioid Dependence*. The College on Problems of Drug Dependence 79th Annual Meeting. Montreal, June, 2017

Bruno, R., Peacock, A.*, Larance, B., Lintzeris, N., Ali, R., Degenhardt, L. *Severity of Dependence Scale: Diagnostic Cut-off for Pharmaceutical Opioid Dependence*. NIDA International Forum. Montreal, June, 2017

Butler, K.*, Day, C., Burns, L., Larney, S. *A cross-sectional study of the association between self-perceived HCV status and receptive syringe sharing among Australians who regularly inject drugs*. Poster presentation at the 6th International Symposium on Hepatitis Care in Substance Users; 6-8 September 2017; New York, United States

Butler, K.*, Day, C., Burns, L., Larney, S. *A cross-sectional study of the association between self-perceived HCV status and receptive syringe sharing among Australians who regularly inject drugs*. Poster presentation at 2017 NDARC Annual Research Symposium; 3-4 October 2017; Sydney, Australia

Butler, K.*, Burns, L., Breen, C. *Social media as a recruitment tool for drug use surveys*. Poster presentation at the Australasian Professional Society on Alcohol and other Drugs 2017 Annual Scientific Alcohol and Drug Conference; 12-15 November 2017; Melbourne, Australia

Butler, K.*, Day, C., Burns, L., Larney, S. *A cross-sectional study of the association between self-perceived HCV status and receptive syringe sharing among Australians who regularly inject drugs*. Poster presentation at the Australasian Professional Society on Alcohol and other Drugs 2017 Annual Scientific

Alcohol and Drug Conference; 12-15 November 2017; Melbourne, Australia

Champion, K.E.*, Teesson, M., Stapinski, L. & Newton, N.C.

Preventing the use of synthetic marijuana and new psychoactive substances: Two-year outcomes from a cluster randomised controlled trial. Oral presentation at the College on Problems of Drug Dependence 79th Annual Scientific Meeting, Montreal, Canada, 17-22 June

Champion, K.E.*, Newton, N.C., Mather, M., Spring, N & Teesson, M.

Clustering of binge drinking, smoking, physical inactivity, sitting time, diet and sleep (the "Big 6") among young Australian adults. Poster presented at the 2017 National Drug and Alcohol Research Centre Annual Symposium, Sydney, Australia, 3-4 October

Chapman, C.*, Birrell, L., Champion, K., Stapinski, L., Kay-Lambkin, F., Deen, H., Brierly, M., Teesson, M., Newton, N. (2017)

Cracks in the Ice: An evidence-based initiative for the Australian Community about crystal methamphetamine ('ice'). Australian Rotary Health Knowledge Dissemination Award Oration. The Society for Mental Health Research Conference, Canberra, Australia, December, 2017

Chapman, C.*, Birrell, L., Champion, K., Deen, H., Stapinski, L., Kay-Lambkin, F., Teesson, M., Newton, N. (2017)

Evaluation of an evidence-based initiative for the Australian Community about crystal methamphetamine ('ice'). The National Drug and Alcohol Research Centre Annual Symposium, Sydney, Australia, October, 2017

Chapman, C.*, Slade, T., Swift, W., Teesson, M.

Mental health and substance use disorders in young people: an update on prevalence, impact and implications. The 16th Congress of the International Federation of Psychiatric Epidemiology, Melbourne, October, 2017

Chapman, C.*, Champion, K., Newton, N., Brierley, M., Stapinski, L., Kay-Lambkin, F., Nair, N., Shaw, B., Lawler, S., Teesson, M.

Cracks in the Ice: an online toolkit to provide up-to-evidence-based information about crystal methamphetamine. Invited Symposium, The Mental Health Services Conference of Australia and

New Zealand. Sydney, Australia, August 2017

Chun, K.L.J., Clavarino, A., Dwyer, R., Hollingworth, S., Olsen, A., Taing, M-W., Nielsen, S.* (2017)

Pharmacists' Education Needs On Over the Counter Naloxone on Overdose Prevention: A Mixed-Methods Study. Australasian Professional Society on Alcohol and other Drugs Annual Scientific Alcohol and Drug Conference 2017, 12-15 November 2017, Melbourne, Australia [Poster]

Chun, K.L.J., Olsen, A., Dwyer, R., Clavarino, A., Hollingsworth S., Taing, M.W., Nielsen, S.*

Pharmacists' education needs on over the counter naloxone for overdose prevention: A mixed-methods study. National Drug and Alcohol Research Centre 30th Anniversary Annual Symposium. October 3, 2017, Sydney (Poster presentation)

Copeland, J.* (2017, November 2). Therapeutic Communities in the 21st Century: Reflections and refractions. *James Pitts Oration* at the Australian Therapeutic Community Association Conference, Brisbane QLD

Copeland, J.* (2017, July 11). Australia's cannabis policy responses: intervention research and translation. Invited paper *National Institute on Drug Abuse*, NIH, Rockville, ML

Copeland, J.* (2017, July 6). The rise and fall of Australia's cannabis policy responses: intervention research and translation. National webinar for *National Center on Addiction and Substance Use (CASA)*, NYC, NY

Copeland, J.*, Gates, P. & Todd, S. (2017, June 25). Survey of Australians' knowledge, perception and use of cannabis for medicinal purposes. *27th Annual International Cannabinoid Research Society Conference*, Montreal, Canada

Copeland, J.*, Gates, P. & Todd, S. (2017, June 22). Survey of Australians' knowledge, perception and use of cannabis for medicinal purposes. *79th College on Problems of Drug Dependence Conference*, Montreal, Canada

Weinberger, J., Platt, J., Copeland, J.* & Goodwin, R. (2017, June 21).

Is cannabis use associated with risk of relapse to cigarette smoking? Potential implications of cannabis use

on trends in cigarette smoking in the US. *79th College on Problems of Drug Dependence Conference*, Montreal, Canada

Copeland, J.* (2017, June 13). Brief Intervention for Cannabis Use Disorders: an SBIRT approach. Invited address to *Hazelden Foundation's Betty Ford Clinic*, Center City, MN

Copeland, J.* (2017, June 13). Research evidence for brief interventions for cannabis use disorder. Invited address to *Hazelden Foundation's SBIRT Implementation Workshop*, Minneapolis, MN.

Copeland, J.* (2017, June 12). Young people and cannabis: evidence-based brief interventions. Invited address to community services of the *Hazelden Foundation* Chicago, IL

Copeland, J.* (2017, June 9). A brief history of Australia's cannabis policy: research and translation. Invited presentation to *Geisel School of Medicine at Dartmouth Center for Technology and Behavioral Health*, Lebanon, NH

Copeland, J.* (2017, May 27). Brief Intervention for Cannabis Use Disorders: an SBIRT approach. Invited seminar to Manhattan community services of the *Hazelden Foundation's Betty Ford Clinic*, New York City, NY

Copeland, J.* (2017, May 24). Marijuana Brief Intervention: an SBIRT approach. Invited video conference to *New York State Office of Alcoholism and Substance Abuse Services* from Manhattan to Albany, New York City, NY

Copeland, J.* (2017, May 12). Workforce Implications of non-Medicinal Marijuana Use and Interventions. Invited keynote at the National Meeting of the *Employee Assistance National Association*, Atlanta GA

Cui, J., Newman, C., Mao, L. & Lancaster, K.* (2017, September) *Problematising 'personalisation' in mental health care policy: exploring a cross-cultural WPR analysis.* Paper presented at the Australian Social Policy Conference, 26 September, Sydney

Darke, S.* (2017). *Drug-related death.* European Addictions Conference, Lisbon

Darke, S.* (2017). *Methamphetamine-related death in Australia, 2009-2015.*

European Addictions Conference, Lisbon

Darke, S.* (2017). *Methamphetamine-related death in Australia, 2009-2015*. University College London

Darke, S.* (2017). *Methamphetamine-related death in Australia, 2009-2015*. London Southbank University

Darke, S.* (2017). *Methamphetamine-related death in Australia, 2009-2015*. King's College London

Darke, S.* (2017). *Methamphetamine: epidemiology and major harms*. Compass Housing Services, Newcastle

Darke, S.* (2017). *Methamphetamine-related death in Australia, 2009-2015*. NDARC Annual Symposium

Darke, S.* (2017). *Rates, characteristics and circumstances of methamphetamine-related death: A national 7 year study*. University of British Columbia, Canada

Darke, S.* (2017). *Rates, characteristics and circumstances of methamphetamine-related death: A national 7 year study*. National Drug and Alcohol Research Centre, Sydney

Deen, H.*, Chapman, C., Birrell, L., Champion, K., Stapinski, L., Kay-Lambkin, K., Teesson, M., & Newton, N. *The first mobile application (app) for the Australian community with evidence-based information on crystal methamphetamine*. Oral presentation at the Australasian Professional Society on Alcohol and other Drugs Conference, Melbourne, November

Deen, H.*, Chapman, C., Birrell, L., Champion, K., Stapinski, L., Kay-Lambkin, K., Teesson, M., & Newton, N. *Development of a mobile application (app) to provide evidence-based resources to the Australian community on crystal methamphetamine*. Poster presentation at the National Drug and Alcohol Research Centre Symposium, Sydney, October

Deen, H.*, Chapman, C., Birrell, L., Champion, K., Stapinski, L., Kay-Lambkin, K., Teesson, M., & Newton, N. *Development of a smartphone application (app) to provide evidence-based information and resources on crystal methamphetamine to the Australian community*. Poster presentation at the Society for Mental

Health Research Conference, Canberra, December

Degenhardt, L.* (2017). *Developing a global consortium on illicit drug use and health*. Presentation at the PLuS Alliance Annual Conference, London, England, April 20-22nd 2017

Degenhardt, L.* (2017). *The burden of disease attributable to alcohol and illicit drug use: Findings from the Global Burden of Disease Study 2015*. Poster presented at 79th Meeting of the College on Problems of Drug Dependence, Montreal, Canada, June 2017

Degenhardt, L.* (2017). *The burden of disease attributable to alcohol and illicit drug use: Findings from the Global Burden of Disease Study 2015*. Poster presentation at the NIDA International Forum, Montreal, Canada, June 2017

Degenhardt, L.* (2017). *Mapping a global profile of illicit drug use and harms*. Invited presentation presented at the Centre for Addiction and Mental Health, Toronto, Canada 22nd June 2017

Degenhardt, L.* (2017). *Mapping a global profile of injecting drug use, HIV and hepatitis, and BBV prevention and treatment services: An overview of systematic reviews*. Invited presentation presented at the World Health Organization's Forum on alcohol, drugs and addictive behaviours, Geneva 26-28th June 2017

Degenhardt, L.* (2017). *Mapping a global profile of injecting drug use, HIV and hepatitis, and BBV prevention and treatment services: An overview of systematic reviews*. Invited presentation presented at the Global Fund Symposium Series, Geneva 27th June 2017

Degenhardt, L.* (2017). *Update on the substance use disorders workgroup*. Invited paper presented at the World Mental Health Survey Consortium meeting, Boston, United States, July 9-12th 2017

Degenhardt, L.* (2017). *NDARC Game Changers: The epidemiology of substance use – mapping the mapping*. Keynote presentation at the NDARC Annual Symposium, Sydney, October 2nd 2017

Degenhardt, L.* (2017). *Working to put illicit drugs on the map*. Invited presentation at the Australian Academy

of Health and Medical Sciences Annual Conference, Adelaide, October 19-20th 2017

Degenhardt, L.* (2017). *Expanding the global profile of people who inject drugs: Summarising recent reviews*. Keynote presentation at the EMCDDA's Lisbon Addictions Conference, Lisbon, October 24-26th 2017

Degenhardt, L.* (2017). *Expanding the global profile of people who inject drugs: Summarising recent reviews*. Benjamin Meaker Visiting Professorship keynote, Bristol University, Bristol England, November 2nd 2017

Degenhardt, L.* (2017). *Studying substance use, globally and locally*. Keynote presentation at the Society for the Study of Addiction, Newcastle, England, November 9-11th 2017

Dolan, K.* (2017). Addictions Conference Keynote Speaker, Portugal

Dolan, K.* (2017). Drug and Alcohol Nurses Association Keynote Speaker, Australia

Farrell, M.* *Crystal Methamphetamine and other emerging drugs: Assessing the Trends and Shaping an evidence based response*. Invited presentation to the Australasian Therapeutic Communities Association Conference. Brisbane, 2 November

Farrell, M.* *Australian experience with opioids*. Invited presentation to Lisbon Addictions Conference 2017, Lisbon, 24 – 26 October

Farrell, M.* *Trends in substance use among young people*. Invited presentation at NSW Health Youth Health Forum, Sydney, 23 August

Farrell, M.* *Treatment Goals in Goals: What Do We Hope to Achieve by Treating Opioid Dependence in Prisons?* Invited presentation to Community Program for Opioid Dependence (CPOP) Conference, Perth, 19 August

Farrell, M.* *The place and risks of imprisonment in the treatment journey*. Invited presentation to the Australian and New Zealand Addiction Conference, Gold Coast, 15 – 17 May

Farrell, M.* *Medicinal Cannabis – The Law, The Evidence, The Future*. Invited presentation to The Royal Australasian College of Physicians (RACP) Congress 2017, Melbourne, 8 – 10 May

Farrell, M.* *Prisoners drug health issues*. Presentation to SESLHD

Drug and Alcohol Services Doctor's Education Program, Sydney, 28 March

Farrell, M.* *The role of injectables in the treatment of addiction.* Invited speaker to the International Medicine in Addiction Conference, Sydney, 26 March

Fernández Calderón, F., Lozano Rojas, O. M., Palamar, J. J., & Barratt, M. J.* *Is ravers' poly-substance use consistent across different recreational settings?* [Poster]. Club Health: 10th International Conference on Nightlife, Substance Use and Related Health Issues, Dublin, Ireland, 24-26 May

Gisev, N.*, Pearson, S.A., Karanges, E.A., Larance, B., Buckley, N.A., Larney, S., Dobbins, T., Blanch, B., Degenhardt, L. *To what extent do data from pharmaceutical claims under-estimate opioid analgesic utilisation in Australia?* Presented at the 33rd International Conference on Pharmacoepidemiology & Therapeutic Risk Management, Montreal, Canada, 26-30 August 2017

Gisev, N.*, Pearson, S.A., Karanges, E.A., Larance, B., Buckley, N.A., Larney, S., Dobbins, T., Blanch, B., Degenhardt, L. *To what extent do data from pharmaceutical claims under-estimate opioid analgesic utilisation in Australia?* Presented at the National Drug and Alcohol Research Centre 2017 Annual Symposium, Sydney, 3-4 October 2017

Gisev, N.*, Larance, B., Cama, E., Nielsen, S., Roxburgh, A., Bruno, R., Degenhardt, L. *An ecological study of the extent and factors associated with the use of fentanyl across Australia.* Presented at the 10th Asian Conference on Pharmacoepidemiology, Brisbane, 29-31 October 2017

Gisev, N.*, Pearson, S.A., Karanges, E.A., Larance, B., Buckley, N.A., Larney, S., Dobbins, T., Blanch, B., Degenhardt, L. *Quantifying the extent that data from PBS/RPBS claims under-estimate opioid analgesic utilisation in Australia.* Presented at the 10th Asian Conference on Pharmacoepidemiology, Brisbane, 29-31 October 2017

Grigg, J., Barratt, M. J.*, & Lenton, S. *Double dropping at Australian outdoor music festivals: Implications for harm reduction.* Club Health: 10th International Conference on

Nightlife, Substance Use and Related Health Issues, Dublin, Ireland, 25 May

Grigg, J., Barratt, M. J., & Lenton, S. *Drug detection dogs at Australian outdoor music festivals: Deterrent, detection and iatrogenic effects.* The 11th Annual Conference of the International Society for the Study of Drug Policy, Aarhus, Denmark, 19 May

Grummitt, L.*, Newton, N., Stapinski, L., Smout, A. *Empowering Young People to Make Positive Choices: Evidence-based Resources for the Prevention of Alcohol and Other Drug Use in Australian Schools.* 18th International Mental Health Conference, Gold Coast, 21-23 August

Herzog, S., Shanahan, M.*, Grimison, P., Wong, N., Stockler, M., Simes, J., Morton, R.L. *A systematic review and methodological assessment of economic evaluations of cannabis-based medicines for symptom relief.* International Health Economics Association World Congress, Boston USA, July 2017

Hughes, C.*, Moxham-Hall, V., Ritter, A., MacCoun, R., Weatherburn, D. (2017, February). *Can police deter drug use and supply at music festivals and licensed entertainment precincts?* Applied Research in Crime and Justice Conference, Sydney, 16 February

Hughes, C.*, Moxham-Hall, V., Ritter, A., MacCoun, R., Weatherburn, D. (2017, May). *Can police deter drug offending at festivals and licensed clubs?* Presentation at the 8th Australasian Drug and Alcohol Strategy Conference, Wellington, New Zealand, 3 May

Hughes, C.* (2017, May). *Workshop chair and discussant – Developing drug supply indicators.* Presentation at the 11th International Society for the Study of Drug Policy Conference, Aarhus, Denmark, 17 May

Hughes, C.*, Moxham-Hall, V., Ritter, A., MacCoun, R., Weatherburn, D. (2017, May). *Going out in Sydney: a three-month prospective study of the impacts of street-level policing on illicit drug use at outdoor music festivals and licensed entertainment precincts.* Presentation at the 11th International Society for the Study of Drug Policy Conference, Aarhus, Denmark, 19 May

Hughes, C.*, Bright, D., Chalmers. (2017, June). *Social network analysis of poly-drug trafficking networks: How do high-level drug traffickers manage multiple illicit drugs?* 2nd Organised Crime Research Forum, Canberra, 6 June

Hughes, C.* (2017, November). *Policing illicit drug use and supply at clubs, pubs and festivals.* Invited presentation at Global Cities After Dark Conference, Sydney, 28 November

Hughes, C.* Bright, D. & Chalmers. (2017, December). *Exploring linkages between high-level drug trafficking and other serious and organised crime: An Australian study.* Illicit Networks Workshop, Adelaide, 12 December

Hulme, S.*, Djordjevic, D., Hughes, C. & Nielsen, S. *The role of health practitioners in the diversion of pharmaceutical drugs for non-medical use in Australia.* Australasian Professional Society on Alcohol and other Drugs Conference, Melbourne, 12-15 November

Jin, X.* *Tackling Smoking Relapse after Imprisonment in Northern Territory.* (Invited Speaker) presented at the Australian Association of Smoking Cessation Professionals Update Day 2017, Sydney, Australia

Jin, X.* *A RCT on Smoking Relapse Prevention among Ex-prisoners in Northern Territory.* (Oral) presented at the NDARC Symposium 2017, Sydney, Australia

Jin, X.* *Vitamin D Supplementation for Knee Osteoarthritis.* (Invited Speaker) presented at the Australia & New Zealand Musculoskeletal Clinical Trial Network Annual Scientific Meeting 2017, Adelaide, Australia

Kelly, E., Newton, N., & Stapinski, L.* (2017). *Preventure Facilitator Training.* Two day workshop, National Drug and Alcohol Research Centre, Sydney, November

Lancaster, K.*, Valentine, k. & Ritter, A. (2017, December) *Wastewater analysis: a dangerous consumption?* Paper presented at the 15th Dangerous Consumptions Colloquium, Australian National University, 4-5 December, Canberra

Lancaster, K.* (2017, November) *Critical issues in policy processes and participation: the production of 'evidence.'* Invited presentation at the

'Research Impact: Meanings, Methods and Critical Questions' workshop, University of Sydney, 6 November, Sydney

Lancaster, K.*, Seear, K., Treloar, C. & Ritter, A. (2017, October) *The productive techniques and constitutive effects of 'evidence-based policy' and 'consumer participation' discourses in health policy processes*. Paper presented at The Australian Sociological Association (TASA) Health Day 'Mobilising health sociology for impact: How can complex understandings of injustice and inequality be used in policy and practice?', 13 October, Sydney

Lancaster, K.*, Seear, K. & Treloar, C. (2017, October) *Laws prohibiting peer distribution of injecting equipment in Australia*. Poster presented at the National Drug and Alcohol Research Centre Annual Research Symposium, 3-4 October, Sydney

Lancaster, K.*, Ritter, A. & Diprose, R. (2017, August) *Encountering evidence(s): recasting participation in drug policy processes*. Paper presented at the Annual Meeting of the Society for Social Studies of Science (4S), 30 August-2 September, Boston, USA

Lancaster, K.* (August, 2017) *Evaluation as ritual: re-enacting and stabilising 'evidence-based drug policy'*. Paper presented at the Contemporary Drug Problems Conference, 23-25 August, Helsinki, Finland

Lancaster, K.*, Seear, K. & Treloar, C. (2017, August) *Laws prohibiting peer distribution of injecting equipment in Australia*. Poster presented at the Australasian Viral Hepatitis Elimination Conference (AVHEC 2017), 10-11 August, Cairns.

Lancaster, K.* (2017, July) *Media representations of illicit drug use: methods and implications*. Invited guest lecture in the School of Social Sciences, UNSW, 31 July, Sydney

Lancaster, K.*, Seear, K., & Ritter, A. (2017, June) *Making medicine; producing pleasure: A critical examination of medicinal cannabis policy and law in Victoria, Australia*. Paper presented at the National Drug and Alcohol Research Centre Seminar Series, 22 June, Sydney

Lancaster, K.* (2017, March) *Producing the 'problem of drugs': A cross national-comparison of 'recovery' discourse*.

Invited guest lecture for the Master of Addictive Behaviours at Monash University (online delivery), Melbourne

Larance, B.* (2017) *Using data linkage to examine the effectiveness of drug dependence treatment: The impacts of opioid substitution therapy*. Invited oral presentation to the United Nations Office of Drugs and Crime (ECOWAS members) Scientific Consultation, 20-21 February 2017, Abidjan, Cote D'Ivoire

Larance, B.* (2017) *Are abuse deterrent formulations effective?* Invited keynote presentation at the Australasian Professional Society of Alcohol and Other Drugs (APSAD) Conference 2018, 12-15 November 2017, Melbourne, Australia

Larney, S.* (2017). *Global epidemiology of injecting drug use, HIV, and viral hepatitis, and coverage of harm reduction services among people who inject drugs*. Invited keynote presentation, International Symposium on Hepatitis in Substance Users, New Jersey, USA (fully funded)

Larney, S.* (2017). *Global burden of HCV infection and harm reduction coverage among people who inject drugs*. Invited keynote presentation, INHSU Hepatitis C Satellite Symposium, Montreal, Canada (partially funded)

Larney, S.* (2017). *Epidemiology of hepatitis C infection among people who inject drugs*. Invited presentation, International Medicine in Addiction Conference, Sydney, Australia

Larney, S.*, Peacock, A., Hines, L., Leung, J., Colledge, S., Dumchev, K., Griffiths, P., Hickman, M., Vickerman, P., Lynskey, M., Degenhardt, L. (2017). *Global systematic review of coverage of HIV prevention interventions for people who inject drugs*. Lisbon Addictions (European Conference on Addictive Behaviours and Dependencies), Lisbon, Portugal

Larney, S.*, Degenhardt, L., Peacock, A., Leung, J. Hickman, M., Grebely, J., Dumchev, K., Cunningham, E., Colledge, S., Vickerman, P., Lynskey, M. (2017). *What do we know about key populations that inject drugs?* Harm Reduction International Conference, Montreal, Canada

Lees, B.*, Snijder, M., Stapinski, L., Newton, N., Champion, K.,

Chapman, C., Ward, J., & Teesson, M. *Substance use prevention programs for Indigenous youth*. Keynote speaker, 2017 International Indigenous Drug and Alcohol Misuse Conference, Brisbane, 23 August

Lees, B.*, Snijder, M., Stapinski, L., Newton, N., Champion, K., Chapman, C., Ward, J., & Teesson, M. *Systematic review: Substance use prevention programs for Indigenous youth in English-speaking countries*. The Mental Health Services Conference, Sydney, 1 September

Lees, B.*, Snijder, M., Stapinski, L., Newton, N., Champion, K., Chapman, C., & Teesson, M. *Alcohol and other drug prevention for Indigenous youth: What works?* The New South Wales Rural Health and Research Congress Conference, Wagga Wagga, 28 September

Lees, B.*, Snijder, M., Stapinski, L., Ward, J., Newton, N., Champion, K., Chapman, C., & Teesson, M. *Making positive choices to prevent alcohol and drug-related harms among Indigenous youth*. Poster presentation at the National Drug and Alcohol Research Centre Symposium, Sydney, 3-4 October

Lees, B.*, Snijder, M., Stapinski, L., Ward, J., Newton, N., Champion, K., Chapman, C., & Teesson, M. *Preventing drug and alcohol use, and related harms among Indigenous youth: What works, what doesn't, and how we can do better*. Society for Mental Health Research Conference, Canberra, 6 December

Lenton, S., Frank, V. A., Barratt, M. J.*, Potter, G. R. & Decorte, T. *The use of chemical additives by a sample of small scale cannabis growers in three countries*. APSAD 2017, Melbourne, 13 November

Lenton, S., Frank, V. A., Barratt, M. J.*, & Potter, G. R. *Growing practices and the use of chemical additives among a sample of small scale cannabis growers in three countries*. The 11th Annual Conference of the International Society for the Study of Drug Policy, Aarhus, Denmark, 17 May

Maier, L., Belton, E., Zahnow, R., Barratt, M.J.*, Winstock, A., & Ferris, F. *A cross-sectional study of pharmaceutical cognitive enhancement across 15 countries: Non-medical use of prescription stimulants, illicit drugs*

and alcohol [Poster]. APSAD 2017, Melbourne, 12-15 November

Marel, C.*, Mills K.L. (2017). *Managing the physical health of people with co-occurring mental and substance use disorders*. [webinar] Central and Eastern Sydney PHN and Centre of Research Excellence in Mental Health and Substance Use Training Webinar Series, 5 December

Marel, C.*, Mills K.L. (2017). *Identifying mental disorders and related conditions among patients with alcohol and other drug conditions*. [webinar] Central and Eastern Sydney PHN and Centre of Research Excellence in Mental Health and Substance Use Training Webinar Series, 7 November

Marel, C.*, Mills K.L. (2017). *Co-occurring substance use and mental disorders: Implications for managing and delivering best-practice health care*. [webinar] Central and Eastern Sydney PHN and Centre of Research Excellence in Mental Health and Substance Use Training Webinar Series, 24 October

Marel, C.*, Mills K.L., Wilson, J., Teesson, M. (2017). *Update, development and translation of the National Comorbidity Guidelines: Using technology to support practice change*. Invited member of a featured symposia at the Mental Health Services Learning Network Conference: 29 August-1 September, Sydney Australia

Marel, C.*, Mills, K.L., Slade, T., Darke, S., Ross, J., Teesson, M. (2017). *Patterns of treatment utilization and heroin use*. Paper presented at the Centre for Advancing Longitudinal Drug Abuse Research Summer Institute and International Global Health Conference: 15-17 August, Los Angeles US

Marel, C.* (2017). *Managing co-occurring alcohol and other drug and mental health conditions in alcohol and other drug treatment settings: The National comorbidity guidelines*. Invited keynote at the Western Regional Alcohol and Drug Dual Diagnosis Forum: 8 May, Warrnambool Australia

Marel, C.*, Wilson, J. (2017). *National comorbidity guidelines: An evidence-based resource for drug and alcohol workers*. [Invited webinar]. Centre of Research Excellence in Mental Health and Substance Use Training Webinar Series, 27 April

Marel, C.* (2017). *National Comorbidity Guidelines: Complexities and collaborative care*. Invited keynote at the Southern Dual Diagnosis Forum: 9 March, Melbourne Australia

Mewton, L.* *Mental health and substance use disorders in young people: Using comorbidity to inform epidemiology and novel prevention strategies*. Presentation at the International Federation of Psychiatric Epidemiology Congress, Melbourne, Australia, October 2017

Mewton, L.* *Alcohol and its effect on the adolescent brain: An overview*. Invited presentation at the Brain Sciences Colloquium, Sydney, Australia, March 2017

Mills, K.* *How do we best treat co-occurring substance use and mental health conditions?* [Invited keynote]. Rethinking Mental Health 4.0 Conference. Sydney, 10 Oct 2017

Mills, K.*, Teesson M. *Integrated exposure-based therapy for co-occurring post traumatic stress disorder and substance dependence*. TheMHS Annual Conference, Sydney, Sep 2017

Moxham-Hall, V.*, Hughes, C. & Ritter, A. *The Development and Application of an Australian Cannabis Law Index*. International Society for the Study of Drug Policy Conference, Aarhus, Denmark, 18 May

Munro, A.*, Shakeshaft, A., and James, D. *Partnering with the multiple Aboriginal residential rehabilitation services in NSW to co-design a standardised data collection process and model of care*. Presentation at Western Health Research Network (WHRN) Scientific Symposium, Orange, NSW, August 2017

Munro, A.*, Snijder, M., and Shakeshaft, A. *Striving to achieve equity through effective Aboriginal community-based researcher partnerships to reduce drug and alcohol-related harms in NSW: Lessons learned from multiple projects across from 2014-2017*. Presentation at Western Health Research Network (WHRN) Scientific Symposium, Orange, NSW, August 2017

Munro, A.*, Shakeshaft, A., Breen, C., and Allan, J. *"Nothing changes if nothing changes:" Evaluation of an Aboriginal residential rehabilitation service in remote NSW*. Peer reviewed

presentation at the 14th National Rural Health Conference, Cairns, QLD, April 2017

Munro, A.*, Allan, J., Bamblett, R., Bennett, A., Breen, C., Bliss, D., Byrne, B., Calabria, C., Clifford, A., Dobbins, T., Havard, A., Henderson, N., James, D., Knight, A., O'Neill, J., Shakeshaft, A., Shakeshaft, B., Snijder, M., & Stone, C. *Researcher-community partnerships to reduce Aboriginal and Torres Strait Islander drug and alcohol-related harms: Lessons from research with NDARC*. Panel presentation at the AIATSIS National Indigenous Research Conference, Canberra, ACT, March 2017

Nathan, S., Lancaster, K.*, Gibson, A. (2017, November) *Analysing Media using Qualitative Methods and Content Analysis*. Invited presentation at the Qualitative Research Network (QRN) Hub Qualitative Research Seminar Series, UNSW, 3 November, Sydney

Newton, N.C.* (2017). *Climate Schools Plus: Development of an online substance use prevention program for students and their parents*. Oral presentation, Society for Mental Health Research, Canberra, Australia, December, 2017

Newton, N.C.* (2017). *Pathways to prevention: The long-term effectiveness of universal, selective and personality targeted prevention for alcohol use*. Poster presented. 2017 National Drug and Alcohol Research Centre 30 year symposium. Sydney, October 3, 2017

Nielsen, S.* *Over-the-counter Codeine Dependence*. South Eastern Sydney Local Health District Drug and Alcohol Forum, December 6, 2017, Sutherland Hospital (Invited speaker)

Nielsen, S.* *Treating Over the Counter Codeine Dependence*. National Drug and Alcohol Research Centre 30th Anniversary Annual Symposium, October 3, 2017, Sydney (Oral presentation)

Nielsen, S.* *Responding to pharmaceutical opioid dependence*. Pharmacy Guild 'Guild Connect' National Conference, September 1, 2017 (Invited speaker)

Nielsen, S.* *The epidemiology of codeine addiction in Australia*. Pharmaceutical Society of Australia

National Conference (PSA17), July 28, 2017, Sydney (*Invited speaker*)

Nielsen, S.*, Sabioni, P., Trigo, J., Ware, M., Betz-Stablein, B., Murnion, B., Lintzeris, N., Khor, K.E., Farrell, M., Smith, A., Le Foll, B. *Do cannabinoids have the potential to be opioid-sparing in chronic pain treatment? A systematic review and meta-analyses.* College on Problems of Drug Dependence 79th Annual Meeting, Montreal, Canada, June 22, 2017 (Poster presentation)

Nielsen, S.*, Larance, B., Lintzeris, N., Holliday, S., Dunlop, A., Haber, P., Murnion, B., Claire, P., Cooper, S., Johnson, J., Demirkol, A., Ling, S., Sadler, C., Phung, N., Bruno, R., Hardy, M., Brown, A., Houseman, J., Degenhardt, L. *Longitudinal Study of Pharmaceutical Opioid Dependence in Australia: Patterns and correlates treatment of substance use over 24 months.* National Institute on Drug Abuse (NIDA) International Forum, Montreal, Canada, June 19, 2017 (Poster presenter and travel award recipient)

Nielsen, S.* *National implementation of prescription monitoring programs in Australia.* College on Problems of Drug Dependence 79th Annual Meeting, Montreal, Canada, June 19, 2017 (Workshop presentation and Chair)

Nielsen, S.* *Responding to addiction in community pharmacy.* Victorian Pharmacy Conference, Pharmaceutical Society of Australia (Invited speaker), Melbourne, April 29, 2017

Nielsen, S.* *Prescription and over the counter medications: Trends and treatment responses.* International Medicine in Addiction Conference, Sydney, March 24, 2017 (Invited Speaker)

Olsen, A., Dwyer, R., Chun, J., Clavarino, A., Hollingworth, S., Taing, M-W. & Nielsen, S.* (2017) *Australian Pharmacists' Readiness To Provide OTC Naloxone.* Australasian Professional Society on Alcohol and other Drugs Annual Scientific Alcohol and Drug Conference 2017, 12-15 November 2017, Melbourne, Australia [Oral]

O'Reilly, MJA.*, Hughes, C.E., Ritter, A., Bright, D. (2017). *Understanding how high level ecstasy and methamphetamine traffickers in Australia respond to changes in their*

drug supply. Oral presentation at the 2017 NDARC Annual Symposium, Sydney

O'Reilly, MJA.*, Hughes, C.E., Ritter, A., & Bright, D. (2017). *Understanding how high level ecstasy and methamphetamine traffickers in Australia respond to changes in their drug supply.* Poster presentation at the 2017 Illicit Networks Workshop, Adelaide

Palamar, J., Maier, L., Barratt, M.*, Ferris, J., Keyes, K., & Winstock, A. *Trends in ecstasy use among nightclub attendees in the United States and United Kingdom, 2013-2015.* CPDD 79th Annual Scientific Meeting, Montréal, Canada, 21 June

Peacock, A.*, Muscat, C., Farrell, M., Degenhardt, L. *Validity of an Early Warning System (ViEWS) Study: Triangulation of data on drug use and harms in Australia.* NDARC Symposium. Sydney, 3 October, 2017

Peacock, A.*, Muscat, C., Farrell, M., Degenhardt, L. *Validity of an Early Warning System (ViEWS) Study: Triangulation of data on drug use and harms in Australia.* Lisbon Addictions, 2nd European Conference on Addictive Behaviours and Dependences. Lisbon, October, 2017

Peacock, A.*, Degenhardt, L., Larney, S., Leung, J., Hickman, M., Grebely, J., Cunningham, E., Colledge, S., Vickerman, P., Lynskey, M. *Injecting and sexual risk-taking amongst people who inject drugs: A global review.* Lisbon Addictions, 2nd European Conference on Addictive Behaviours and Dependences. Lisbon, October, 2017

Prior, K.*, Quinn, C., Hides, L., Wilson, M., Kavanagh, D. (2017). *Evaluation of two interventions to increase safe behaviours post-school.* Society for Mental Health Research, Canberra, 8 December

Prior, K.*, Stapinski, L., Kelly, E., Lees, B., Visontay, R., Newton, N., Deady, M., Teesson, M., Baillie, A. (2017). *Overcoming the double-whammy of anxiety and alcohol use problems: Development, focus testing, and case studies of an online intervention for young adults.* Society for Mental Health Research, Canberra, 8 December

Prior, K.*, Ross, J., Mills, K., Teesson, M. (2017). *No shying away from the importance of comorbidity research: Prevalence, outcomes, and persistence of social phobia among depressed substance users.* International Federation of Psychiatric Epidemiology, Melbourne, 18 October

Prior, K.*, Mills, K., Ross, J., Teesson, M. (2017). *Prevalence, outcomes, and persistence of social phobia in a depressed substance dependent sample.* National Drug and Alcohol Research Centre Annual Symposium, Sydney, 4 October

Ritter, A.* *International Perspectives on Drug Treatment Policy.* House of Lords, All Party Parliamentary Health Group, 14 March

Ritter, A.* *Drug detection dogs seen through the eyes of the Advocacy Coalition Framework compared to Multiple Streams: the science-policy interface.* International Society for the Study of Drug Policy Annual Conference, Aarhus, Denmark, 17 May

Ritter, A.* *Panel Chair: Research funding sources and conflicts of interest: understanding diverse policy positions.* International Society for the study of Drug Policy Annual Conference, Aarhus, Denmark, 18 May

Ritter, A.* *Improving drug policy – the potential of deliberative and participatory democracy.* International Conference on Public Policy, Singapore, 28 June

Ritter, A.* *Keynote: Science speaks to Policy.* 2nd Lisbon Addictions 2017, Lisbon, 24 October

Ritter, A.* *A methodology for estimating health expenditure on drug treatment, the Australian experience.* 2nd Lisbon Addictions 2017, Lisbon, 26 October

Roxburgh, A.*, Van Buskirk, J., Bruno, R. & Burns, L. *Monitoring Online Activity on Cryptomarkets on the Darknet, 2013-2016.* Australian Drug and Alcohol Strategy Conference. Wellington, New Zealand, 2-5 May 2017

Ritter, A., Lancaster, K.*, Diprose, R. (2017, June) *Participatory democracy and drugs policy.* Paper presented at the International Conference on Public Policy, 28-30 June, Singapore

Roxburgh, A.*, Karlsson, A. and Sutherland, R. *Differences in methamphetamine use among IDRS*

and EDS participants. National Drug and Alcohol Research Centre Annual Symposium, Sydney, 3-4 October 2017

Roxburgh, A.*, Karlsson, A. and Sutherland, R. *Drug Trends 2017: Looking back to think forward.*

National Drug and Alcohol Research Centre Annual Symposium, Sydney, 3-4 October 2017

Roxburgh, A.*, Van Buskirk, J., & Bruno, R. *Monitoring Online Activity on Cryptomarkets, 2013-2017.* Lisbon Addictions, Lisbon, Portugal, 24-26 October 2017

Roxburgh, A.*, Darke, S., Dobbins, T., Salmon, A. & Jauncey, M. *Frequency and Severity of non-fatal opioid overdoses among clients attending the Sydney Medically Supervised Injecting Centre.* Lisbon Addictions, Lisbon, Portugal, 24-26 October 2017

Roxburgh, A.*, Hall, W., Burns, L., & Degenhardt, L. *Opioid overdose mortality trends in Australia.* Lisbon Addictions, Lisbon, Portugal, 24-26 October 2017

Shanahan, M.*, and Cyrenne, P. *Cannabis legalisation in Canada: The challenges in a federated country.* National Drug and Alcohol Research Centre Symposium, October 2017 Sydney

Shanahan, M.* *Heroin careers over a lifetime – social cost implications of treatment.* International Health Economics Association World Congress, Boston USA, July 2017

Shanahan, M.* *Quantifying the social costs of Methamphetamine in Australia.* Australasian Drug and Alcohol Strategy Conference, Wellington New Zealand, May 2017

Shanahan, M.*, Gisev, N. *A cost-effectiveness analysis of opioid substitution therapy upon prison release in reducing mortality among people with a history of opioid use.* Crime and Justice Conference, Sydney, February 2017

Slade, T., Swift, W.*, Mewton, L., Kypri, K., Lynskey, M., Butterworth, P., Tibbetts, J., McCraw, S. & Upton, E. *The RADAR study: protocol for an observational cohort study to identify early warning signals on the pathways to alcohol use disorder.* NDARC Annual Research Symposium. Sydney, 3-4 October

Smith, J.L.*, Jamadar, S. *Towards equivalent inhibitory tasks in ERP and fMRI contexts (platform)* Australasian Society for Psychophysiology Conference, Sydney, Nov 29-Dec 1, 2017

Smith, J.L.*, Mattick, R.P. *Are there sex differences in the relationship between heavy drinking and deficits in inhibitory control? Meta-analysis and review.* NDARC Annual Symposium, Sydney, Oct 3-4, 2017

Smith, J.L.* *Sex differences in the relationship between disinhibition and heavy drinking (platform).* NDARC Internal seminar, Sydney, Aug 10, 2017

Smith, J.L.*, Jamadar, S. *Towards equivalent inhibitory tasks in ERP and fMRI contexts (platform)* Interuniversity Neuroscience and Mental Health Conference, Sydney, Sep 14-15, 2017

Smith, J.L.*, Mattick, R.P., de Blasio, F.M., Iredale, J.M. *Psychophysiological evidence of subtle deficits in memory processes in young heavy drinkers and cannabis users (poster).* Brain Sciences UNSW Symposium, Sydney, May 4, 2017

Smith, J.L.*, Dash, N., Johnstone, S.J., Houben, K., Field, M. *Can a new form of inhibitory training reduce heavy drinking? (invited speaker),* Brain Sciences UNSW Colloquium, Sydney, Mar 28, 2017

Stapinski, L.*, Birrell, L. (2017). *What can teachers, parents and schools do to prevent harm from drug and alcohol use?* Workshop presented at the Professional Teachers Association of Northern Territory (PTANT) Festival of Teacher, Darwin, August

Stapinski, L.*, Heron, J., Edwards, A., Hammerton, G., Mahedy, L., Kendler, K., Teesson, M., Hickman, M. (2017) *The impact of anxiety and coping-motivated drinking on alcohol use across transition to adulthood: A latent transition analysis.* Presentation at the International Federation of Psychiatric Epidemiology, October, Melbourne

Stapinski, L.* (2017). *The Link Between Anxiety and Alcohol Use: Implications for Treatment and Early Intervention.* Presentation at the Mental Health Super Summit, October

Stapinski, L.* (2017). *The link between anxiety and alcohol use: Implications for early intervention.* Plenary at the

annual symposium of the National Drug and Alcohol Research Centre, October, Sydney

Stockings E.*, Wolfenden, L., Bartlem, K., Gilligan, C., Hodder, R., Kingsland, M., Wiggers, J. *Partnerships to reduce population level harms arising from alcohol and other drug use: a review of multi-setting, community-based interventions.* Oral presentation, APSAD Scientific Alcohol and Drug Conference, Melbourne, Australia, 12-15 November

Stockings, E.*, Wolfenden, L., Bartlem, K., Gilligan, C., Hodder, R., Kingsland, M., Wiggers, J. *Multi-setting community-based interventions to reduce population level harms arising from alcohol and other drug use.* Oral presentation, Lisbon Addictions: Second European Conference on Addictive Behaviours and Dependencies, Lisbon, Portugal, 24-26 October

Stockings, E.*, Gisbon, G., Scott, J., Patton, G., Degenhardt, L. *Preventing externalising disorders and symptoms in children and adolescents: a systematic review and meta-analysis of universal, selective and indicated prevention.* 16th Congress of The International Federation of Psychiatric Epidemiology (IFPE), Melbourne, Australia, 17-20 October

Stockings, E.* *Partnerships in the community: Interventions to reduce alcohol and other drug-related use and harms.* Oral presentation, National Drug and Alcohol Research Centre 30th Anniversary Research Symposium, Sydney, 3-4 October

Stockings, E.*, Wolfenden, L., Bartlem, K., Gilligan, C., Hodder, R., Kingsland, M., Wiggers, J. *Multi-setting community-based interventions to reduce population level harms arising from alcohol and other drug use.* Poster presentation, The College on Problems of Drug Dependence (CPDD) 79th Annual Meeting, Montreal, Canada, 17-22 June

Stockings, E.*, Wye, P., Bowman, J., Oldmeadow, C., Wiggers, J. *Effectiveness of a clinical practice change intervention in increasing the provision of treatment for smoking in inpatient psychiatric facilities: an implementation trial.* Society for Research on Nicotine and Tobacco

(SRNT) 23rd Annual Meeting, Florence, Italy, 8-11 March

Stockings, E.*, Wilkinson, D., Bartlem, K., Wiggers, J., Metse, A., Bowman, J. *Changes in patient smoking behaviour following a smoke-free psychiatric hospitalisation.* Society for Research on Nicotine and Tobacco (SRNT) 23rd Annual Meeting, Florence, Italy, 8-11 March

Strang, J., Lynskey, M., Marsden, J., Hines, L., Farrell, M.*, Degenhardt, L., Peacock, A. *Illicit Drug Research.* Workshop presentation to PLuS Alliance Symposium, London, 20 April

Sunderland, M.*, Batterham, P., Calear, A., Carragher, N., Baillie, A., Slade, T. *Item banks, adaptive tests, and scale equating: Improving the measurement of social anxiety disorder.* Society of Mental Health Research Conference, Canberra, December

Sunderland, M.*, Batterham, P., Calear, A., Carragher, N. *Converting PHQ9, GAD7, and K10 scores to the PROMIS anxiety and depression metrics in an Australian community sample.* International Federation of Psychiatric Epidemiology Annual Conference, Melbourne, October

Sunderland, M.* *Equating different self-report questionnaires using Item Response Theory to facilitate data harmonisation.* National Drug and Alcohol Research Centre Annual Symposium, Sydney, October

Sunderland, M.*, Batterham, P., Calear, A., Carragher, N., Slade, T. *Developing and simulating a multidimensional computerized adaptive test for internalizing disorders: The INT-CAT.* International Meeting of the Psychometric Society, Zurich, Switzerland, July

Sutherland, R.* *New Psychoactive Substance Use in Australia*, presented to Indonesian Ministry of Social Affairs delegation, National Drug and Alcohol Research Centre, Sydney, Australia, 14 August 2017 [oral]

Sutherland, R.*, Barratt, M.J., Burns, L. & Bruno, R. *Changing patterns of new and emerging psychoactive substances in Australia.* National Drug and Alcohol Research Centre Annual Symposium, Sydney, Australia, 4 October 2017 [oral]

Sutherland, R.*, Peacock, A., Roxburgh, A., Barratt, M.J., Burns,

L. & Bruno, R. *Typology of new psychoactive substance use among illicit drug consumers in the Australian general population*, Novel Psychoactive Substances conference, Vienna, Australia, 23 October 2017 [oral]

Sutherland, R.*, Barratt, M.J., Burns, L. & Bruno, R. *Changing patterns of new and emerging psychoactive substances in Australia.* Lisbon Addictions: Second European Conference on Addictive Behaviours and Dependencies, Lisbon, Portugal, 24 October 2017 [oral]

Sutherland, R.*, Peacock, A., Roxburgh, A., Barratt, M.J., Burns, L. & Bruno, R. *Typology of new psychoactive substance use among illicit drug consumers in the Australian general population*, Lisbon Addictions: Second European Conference on Addictive Behaviours and Dependencies, Lisbon, Portugal, 26 October 2017 [poster]

Sutherland, R.*, Barratt, M.J., Burns, L. & Bruno, R. *Changing patterns of new and emerging psychoactive substances in Australia.* Australasian Professional Society on Alcohol and other Drugs conference, Melbourne, Australia, 13-15 November 2017 [poster]

Sutherland, R., Barratt, M. J.*, Burns, L., & Bruno, R. *New psychoactive substance use among regular psychostimulant users in Australia, 2010-2017* [Poster]. APSAD 2017, Melbourne, 12-15 November

Sutherland, R., Barratt, M. J.*, Burns, L., & Bruno, R. *New psychoactive substance use among regular psychostimulant users in Australia, 2010-2017.* Lisbon Addictions 2017, Lisbon, Portugal, October

Swift, W.*, Slade, T., Chapman, C., Hamilton, A., Livingston, M. & Keyes, K. *Trends in Australian cannabis use and attitudes towards legalisation – an age period cohort analysis of recent use 2001 to 2013.* 16th Congress of the International Federation of Psychiatric Epidemiology, Melbourne, 17-20 October

Swift, W.*, Slade, T., Chapman, C., Hamilton, A., Livingston, M. & Keyes, K. *Trends in Australian cannabis use and attitudes towards legalisation – an age period cohort analysis of recent use 2001 to 2013.*

NDARC Annual Research Symposium, Sydney, 3-4 October

Thomas, D.*, Courtney, R., Boland, V. *Cytisine versus varenicline for smoking cessation: A study protocol for a single-blind randomised controlled non-inferiority clinical trial.* George Institute for Global Health, Sydney, 26 April 2017

Thomas, D.*, Abramson, M.J., Bonevski, B., George, J. *System change interventions for smoking cessation.* NDARC Annual Research Symposium, Sydney, 2017 (Oral presentation)

Thomas, D.*, Farrell, M., Walker, N., McRobbie, H., Gartner, C., Siahpush, M., Petrie, D., Paul, C., Richmond, R., Ferguson, S., Doran, C., Hall, W., Mattick, R., Mendelsohn, C., Shakeshaft, A., Tutka, P., West, R., Zwar, N., Courtney, R. *Cytisine versus varenicline for smoking cessation: A study protocol for a single-blind randomised controlled non-inferiority clinical trial.* Innovations in Cancer Treatment and Care Conference 2017, Cancer Institute NSW, Sydney (Poster presentation)

Uporova, J.*, Burns, L., & Roxburgh, A. *Problematic patterns of substance use and harms among stimulant users in Australia.* Poster presentation at the National Drug and Alcohol Research Centre Annual Research Symposium, Sydney, 3-4 October

Uporova, J.*, Burns, L., & Roxburgh, A. *Problematic patterns of substance use and harms among stimulant users in Australia.* Poster presentation at the Australasian Professional Society on Alcohol & other Drugs conference, Melbourne, 13-15 November

Van de Ven, K.* *Online image and performance drug (IPED) markets in the Netherlands and Belgium: Exploring the relationship between buyer and seller.* Part of the Human Enhancement Drugs (HEDs) policy panel I. International Society for the study of Drug Policy (ISSDP), Aarhus, Denmark, 17 May

NDARC SEMINAR SERIES

EXTERNAL PRESENTERS

9 March

Sharing data across services reduces alcohol-related violence: expanding the 'Cardiff-model' globally

Professor Jonathan Shepherd
Cardiff University

16 March

Qualitative research in the addictions: the good, the bad & the ugly

Professor Joanne Neale
Addictions Department,
King's College London

6 April

Community reentry and continuity of care

Professor Barry Zack
Department of Social and Behavioral Sciences University of California, San Francisco

29 June

Hepatitis C risk and treatment in prison: Qualitative research in larger epidemiological and clinical studies

Professor Carla Treloar
Centre for Social Research in Health, UNSW

19 July

Understanding populations through their waste-streams

Professor Jochen Mueller
Faculty of Health and Behavioural Sciences,
University of Queensland

17 August

The effect of beliefs about dose during tapered dose reductions: modelling withdrawal processes in heavy caffeine consumers

Llew Mills
Department of Psychology,
University of Sydney

31 August

Vested interests and transparency in public good research

Professor Kypros Kypri
School of Medicine and Public Health, University of Newcastle

28 September

School-based bullying outcomes, interventions and the role of anxiety

Professor Caroline Hunt
School of Psychology,
University of Sydney

12 October

E-cigarettes in the UK – the latest evidence and policy situation

Dr Leonie Brose
National Addiction Centre,
King's College London

16 October

The role of epidemiology in population mental health in the 21st century: history, current progress, future directions

Associate Prof Katherine Keyes
Mailman School of Public Health, Columbia University

INTERNAL PRESENTERS

16 February

Rates, characteristics and circumstances of methamphetamine-related death: A national 7 year study

Professor Shane Darke

23 February

Cracks in the Ice: Development of an online toolkit to disseminate evidence-based information about crystal methamphetamine

Mary-Ellen Brierley

23 March

Understanding complex communities: latent class analysis of people who use drugs, and hepatitis C virus transmission

Brendan Jacka

30 March

Alcohol and other drug use treatment in prison

Michael Doyle
Sedative medication use and sleep problems in people with chronic non-cancer pain prescribed opioids
Bianca Hoban

27 April

Development and application of an Australian cannabis law index

Vivienne Moxham-Hall

11 May

A systematic review of alcohol and other drug prevention programs for Indigenous youth

Briana Lees

18 May

The efficacy of behavioural activation treatment for co-occurring depression and substance use disorder: findings from the activate study

Dr Joanne Ross

25 May

What is up with codeine? An update

Dr Suzanne Nielsen

8 June

Climate Schools Plus: online substance use prevention program for students and parents

Dana Leidl

15 June

Improving drug policy – the potential of deliberative and discursive democracy

Professor Alison Ritter

22 June

Making medicine; producing pleasure: a critical examination of medicinal cannabis policy and law in Victoria, Australia

Dr Kari Lancaster

13 July

Smoking among persons with psychiatric disorders

Dr Emily Stockings

27 July

Methamphetamine-related death due to traumatic accident: A national study

Professor Shane Darke

10 August

Sex differences in the relationship between disinhibition and heavy drinking

Dr Janette Smith

Three Minute Theses: Train your brain to beat alcohol

Inhibitory control training: Saying 'No' to alcohol abuse

Lisa Hu & Qizhang Liu

14 September

Characteristics associated with alcohol related crimes among Aboriginal people and the outcomes of a community-based trial targeting these characteristics in regional NSW

Dr Mieke Snijder

21 September

Reciprocal relationships between internalising symptoms and alcohol use among community adolescents

Dr Louise Birrell &
Dr Cath Chapman

19 October

Quantifying the Social Costs of Methamphetamine in Australia

Dr Marian Shanahan

26 October

Harmonising mental health measurement: creating a common metric using item response theory

Dr Matthew Sunderland

9 November

A non-inferiority trial of cytosine versus varenicline for smoking cessation

Dr Ryan Courtney &
Dr Dennis Thomas

16 November

Frequency and severity of non-fatal opioid overdoses among clients attending the Sydney Medically Supervised Injecting Centre

Amanda Roxburgh

23 November

The link between anxiety and alcohol use: Implications and for treatment and early intervention

Dr Lexine Stapinski

LECTURES, WORKSHOPS AND SEMINARS

Barratt, M.J.* *Cryptomarkets, new psychoactive substances, and drug checking/pill testing*. All Time High Series, Bendigo Community Health Service, Bendigo, Victoria, 22 November

Barratt, M.J.* *Pill testing in Australia: where to from here?* Unharm workshops, Sydney, Melbourne and Facebook Live Stream, 5 & 18 October

Barratt, M.J.* *Introduction to drug cryptomarkets: what are they and how do they work*. University of Porto, Porto, Portugal, 26 June

Barratt, M.J.* *The opportunities and challenges of digitally mediated engagement with drug-use communities*. Liverpool John Moores University, Liverpool, UK, 12 June

Barratt, M.J.* *Testing drugs for public safety: the Australian story so far*. University of Manchester, Manchester, UK, 6 June

Barratt, M.J.* *Emerging issues: Cryptomarkets, new psychoactive substances, and real-time drug monitoring* [Workshop]. International Medicine in Addiction Conference 2017, International Convention Centre, Sydney, 24 March

Barratt, M.J.* *Community outreach services that analyse illicit drugs for content and purity (aka pill testing)*. The 2017 Australian Winter School Conference, Brisbane, 28 July

Barratt, M.J.* & Winstock, A. R. *Global Drug Survey: Participatory methods and the making of safer drug realities*. Fourth Contemporary Drug Problems Conference: 'Making alcohol and other drug realities', Helsinki, Finland, 24 August

Barrett, E.L.* *Addressing the hidden epidemic of child and adolescent trauma*. Presentation at the TEDxFulbrightSydney event, Sydney, Oct 19, 2017

Barrett, E.L.* Invited Guest of Honour, UNSW Forensic Psychology Alumni event, Sydney Sept 18, 2017

Barrett, E.L.* & Mills, K. *Trauma-informed and trauma-focused care*. Seminar presentation for the Pathways to Comorbidity Care project, Sydney, June 2, 2017

Barrett, E.L.* Invited panelist for the White Knight Foundation Charity Dinner. Sydney, May 19, 2017

Barrett, E.L.* *The links between trauma and drug use during adolescence*. Workshop for the Neurodevelopmental and Behavioural Paediatric Society of Australasia (NBPSA) Education Day: Trauma and the Developing Brain, Melbourne, May 6, 2017

Barrett, E.L.* *Hurt people who hurt people. The destructive cycle of trauma, substance use and violence*. Invited lecture for the Drug Abuse Research Training (DART) Program at the Medical University of South Carolina, Charleston, US, Jan, 2017

Brierley, M-E., Champion, K.E.*, Chapman, C., Stapinski, L., Kay-Lambkin, F., Shaw, B., Lawler, S., Nair, N., Teesson, M & Newton, N. (2017). *Cracks in the Ice: Development of an online toolkit to disseminate evidence-based information about crystal methamphetamine*. National Drug and Alcohol Research Centre in-house seminar, Sydney, February 23

Champion, K.E.* *'Translating, Disseminating and Implementing eMental Health Interventions'*. Invited Panel Member at the Centre for Emotional Health Conference, Macquarie University, Sydney, February 27

Chapman, C.* *Where can I find trusted evidence-based information about the drug ice? Cracks in the Ice virtual tour*. Cracks in the Ice Webinar Series, June 2017

Dolan, K.* (2017). Three day training Course for Liberian custodial and health staff

Farrell M*, Degenhardt L*, Stockings E*, Campbell G*. *Systematic review and meta-analysis of medicinal cannabis and cannabinoids for chronic non-cancer pain*. Invited oral presentation at the Therapeutic Goods Administration (TGA) meeting for the medicinal cannabis clinical update and development of clinical guidance for use of Medicinal Cannabis products in pain treatment, UNSW Australia CBD campus, Sydney, Australia, September 13

Hall, W., Nielsen, S.* *Cannabis and cannabinoids for medicinal purposes: reviewing the evidence*. Therapeutic Goods Administration Information and

consultation sessions on medicinal cannabis, July 12, 2017 Brisbane

Hughes, C.*, & Ritter, A. (2017, March). *Components of Good Drug Policy*. Presentation to Philippines Delegation, NDARC, Sydney, 22 March

Hughes, C.* (2017, May). *The Portuguese decriminalisation of illicit drugs*. Guest lecture – UNSW Law Course "Drug Law and Policy", Sydney, 11 May

Hughes, C.* (2017, July). *Should NSW decriminalise illicit drug use and possession?* NSW Labor Conference Fringe Event, Sydney Town Hall, 29 July

Hughes, C.* (2017, August). *Policing music festivals: Can police deter illicit drug offending?* Invited policy briefing to ACT Police, Canberra, 2 August

Karlsson, A.*, & Burns, L. *Increasing use of crystal MDMA in Australia*. Poster presentation at the National Drug and Alcohol Research Centre Annual Research Symposium, Sydney, 3-4 October

Karlsson, A.*, & Burns, L. *Increasing use of crystal MDMA in Australia*. Poster presentation at the Australasian Professional Society on Alcohol & other Drugs conference, Melbourne, 13-15 November

Larance, B.*, Peacock, A., Ali, R., Farrell, M., Bruno, M., Lintzeris, N., Dobbins, T., Degenhardt, L. (2017). *A comprehensive examination of the impacts of a potentially tamper-resistant oxycodone formulation in Australia*. Poster presentation to the College on Problems of Drug Dependence, 17-22 June 2017, Montreal, Canada

Larance, B.*, Peacock, A., Ali, R., Farrell, M., Bruno, M., Lintzeris, N., Dobbins, T., Degenhardt, L. (2017). *A comprehensive examination of the impacts of a potentially tamper-resistant oxycodone formulation in Australia*. Poster presentation to the NIDA International Forum, 19 June 2017, Montreal, Canada

Larance, B.*, Dobbins, T., Peacock, A., Bruno, R., Lintzeris, N., Farrell, M., Degenhardt, L. (2017) *Topline findings of the National Opioid Medications Abuse Deterrence (NOMAD) study: The impacts of a potentially tamper-resistant oxycodone formulation in Australia*. Oral presentation at the 2017 NDARC

Annual Research Symposium,
3-4 October 2017, Sydney, Australia

Larney, S.* *Progress on global reviews of epidemiology of injecting drug use and coverage of harm reduction interventions.* Invited presentation to the Strategic Advisory Group to the United Nations on Injecting Drug Use and HIV, September

Lawler, S., Champion, K.E.*
Overview of school-based drug education: What can teachers do to prevent drug-related harms? Macedon Ranges Shire Educational Forum, Gisborne, Victoria, April 28

Marel, C.*, Mills, K.L. (2017). *Trauma-informed care and managing challenging behaviours.* Invited workshop at the Western Regional Alcohol and Drug Dual Diagnosis Forum: 8 May, Warrnambool Australia

Mather, M.*, Newton, N., Slade, T., Chapman, C., Teesson, M. *Patterns and predictors of substance use and mental health problems in Australian adolescents: Results from the CAP and CSC Studies.* Poster presentation, IFPE, Melbourne, 19 October

Mills, K.*, Barrett, E. *Treating adults and adolescent with PTSD and substance use.* Sydney Children's Hospital Network [invited seminar], Westmead, 28 Nov 2017

Mills, K.*, Barrett, E. *Trauma informed and trauma focused care.* Pathways to Coordinated Care Project webinar series [Invited webinar], Sydney, May 2017

Mills, K.* Trauma informed care [invited seminar]. Western Region Alcohol and Drug Centre Inc Comorbidity Workshop, May 2017

Mills, K.* *Secondary traumatic stress.* NSW Justice Health Research [invited seminar], Sydney, Mar 2017

Newton, N.C.* (2017). *Making the most of your life as an Early Career Researcher.* Invited keynote, Society for Mental Health Research, Canberra, Australia, December, 2017

Newton, N.C.* (2017). *Pathways to prevention: The long-term effectiveness of universal, selective and personality targeted prevention for alcohol use.* Invited plenary presentation at the 2017 National Drug and Alcohol Research Centre 30 year symposium. Sydney, October 3, 2017

Nielsen, S.* *Codeine rescheduling & its impact on the treatment of opioid dependence.* Indivior Health Professional Training Event December 13, 2017, Sydney (Invited speaker)

Nielsen, S.* *Codeine rescheduling & its impact on the treatment of opioid dependence.* Indivior Health Professional Training Event December 7, 2017, Melbourne (Invited speaker)

Nielsen, S.* *Identifying and treating codeine dependence.* Therapeutic Goods Administration Workshop: Codeine up-scheduling, Perth, WA, 30 November 2017 (Invited speaker)

Nielsen, S.* *Codeine rescheduling & its impact on the treatment of opioid dependence.* Indivior Health Professional Training Event, Canberra, ACT, 29 November 2017 (Invited speaker)

Nielsen, S.* *Webinar: Using Opioid Agonist Treatment for Pharmaceutical Opioid Dependence.* Central and Eastern Sydney Primary Health Network Webinar, November 28, 2017

Nielsen, S.* *Codeine rescheduling & its impact on the treatment of opioid dependence.* Indivior Health Professional Training Event, Wollongong, NSW, 23 November 2017 (Invited speaker)

Nielsen, S.* *Prescription and Over the Counter Opioid Problems and Treatment Responses.* Pharmaceutical Opioids – A Focus on South Australia, National Centre for Education and Training on Addiction Workshop, October 27, 2016, Adelaide (Invited speaker)

Nielsen, S.* *Preparing for Codeine Rescheduling: Supporting clinical decision making and treatment pathways.* October 24, 2017, North Sydney PHN GP Education Event (Invited speaker)

Nielsen, S.* *Oxycodone and buprenorphine formulations.* Surgical Grand Round, St George Hospital Clinical School, October 3, 2017, Sydney (Invited speaker)

Nielsen, S.* *Opioids and Benzodiazepines. Recognise and Respond – A patient-centred approach to alcohol and other drugs.* Royal Australian College of General Practitioners NSW and ACT and Central Eastern Sydney PHN Workshop (Invited speaker)

Nielsen, S.* *Responding to addiction in community pharmacy.* Pharmaceutical Society of Australia, South Australia/Northern Territory Therapeutics Update, August 27, 2017, Adelaide (Invited speaker)

Nielsen, S.* *Overview of national trends relating to opioid prescribing: challenges and opportunities.* NADA Forum, Workshop, Responding to pharmaceutical opioid dependence in the NGO sector (Invited speaker), June 9, 2017 Sydney

Nielsen, S.* *Codeine dependence: characteristics and treatment with buprenorphine.* Walk on the Wild Side (WOWS) Symposium – Queensland Health, Pre-Meeting Sponsored Workshop, Brisbane, May 11, 2017 (Invited Speaker)

Nielsen, S.* *Pharmaceutical Drugs: Use, Harms and Treatment Responses for Dependence.* Central and Eastern Sydney Primary Health Network Continuing Professional Development Evening for GPs, Practice Nurses, Allied Health Professionals, May 4, 2017 (Invited speaker)

Ritter, A.* *Translating research into policy: issues and challenges for researchers.* LSBU Seminar London South Bank University, 15 March

Ritter, A.* *Forum on Medicinal Cannabis: International experiences in regulating medicinal cannabis.* Panel member (Panel 2: research and data – opportunities for collaboration), 30 March

Ritter, A.* *Improving drug policy – the potential of deliberative and participatory democracy.* NDARC Seminar Series, Sydney, 15 June

Ritter, A.* *Keynote: Setting the scene; summing up.* New Zealand 2017 Parliamentary Drug Policy Symposium, Wellington, NZ, 5-6 July

Ritter, A.* *Keynote: Reducing the stigma and discrimination experienced by people with problematic alcohol and other drug use in Queensland.* Australian Winter School, Brisbane, 27 July

Ritter, A.* *Seminar: Reducing the stigma and discrimination experienced by people with problematic alcohol and other drug use in Queensland.* Hello Sunday Morning, Sydney, 14 August

Ritter, A.* *Presentation to the Uniting Church Forum on drug reform.* Parramatta Uniting Church, 21 August

Ritter, A.* *Drug policy and democracy: Achieving inclusive and thoughtful policy participation.* NDARC Symposium, October

Shanahan, M.* *Introduction to Economic Evaluation Workshop.* Health Economics Short Course, Chris O'Brien Lifehouse, Sydney, April 1, 2017

Shanahan, M.* *Cost benefit analysis: Theory, methods and a case study.* Guest lecture, SPHCM, UNSW Sydney, August 28th, 2017

Shanahan, M.* *Cost benefit analysis: Theory, methods and a case study.* Guest lecture, Health economics in practice University of Sydney, September 29, 2017

Shanahan, M.* *Introduction to Economic Evaluation Workshop for Allied Health in NSW.* Ministry of Health, Allied Health Conference room, Mary McKillop Place, 7-11 Mount Street, North Sydney December 7, 2017

Stockings, E.*, Campbell, G*. *An overview of medicinal cannabis and cannabinoids for chronic non-cancer pain.* Invited oral presentation, Australian Advisory Council on the Medicinal Use of Cannabis, Department of Health, Sydney, Australia, 14 September

Stockings, E.* *"Insider's Guide to Systematic Reviews and Meta-Analyses: Tips, Tricks and Practical Solutions".* Invited guest speaker, Centre for Research Excellence in Mental Health and Substance use (CREMS) Prevention stream meeting, National Drug and Alcohol Research Centre, Randwick, 13 July

Swift, W.*, Slade, T., Chapman, C., Hamilton, A., Livingston, M. & Keyes, K. *Australian trends in cannabis use and attitudes towards legalisation, 2001 to 2013.* CREMS Webinar Series, 6 November

Teesson, M., Newton, N. C.* (2017). *Personality-targeted substance use prevention.* Invited presentation to Senior Psychologists Education, NSW Department of Education, 13th Feb 2017

Van de Ven, K.* *Steroids and other image enhancing drug (SIED) training.*

Harm reduction workshop for Kirketon Road Centre, Sydney, 13 December

Van de Ven, K.* *On The Couch – Performance & Image Enhancing Drug (PIED) Use.* Invited discussion panel speaker at Nan Tien Institute Unanderra, Wollongong, 26 October

Winstock, A. R., Barratt, M. J.*, Ferris, J. A., & Maier, L. J. *Global Drug Survey 2017: Pills, powders, pleasures, problems.* Club Health: 10th International Conference on Nightlife, Substance Use and Related Health Issues, Dublin, Ireland, 24 May



The Difference is Research

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Editors: Marion Downey
Morgaine Wallace Steele

Typesetting: John Fear

National Drug and Alcohol Research Centre UNSW
Sydney | 22-32 King Street | NSW 2031 | Australia

P: +61 (02) 9385 0333 | F: +61 (02) 9385 0222

<http://ndarc.med.unsw.edu.au>