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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
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.
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.
2017 AT A GLANCE

69 NDARC LECTURES, WORKSHOPS & SEMINARS IN 2017

84 CURRENT NDARC PROJECTS IN 2017

4,138 NDARC MEDIA MENTIONS IN 2017

29 COMPLETED NDARC PROJECTS IN 2017
$16.3m FOR EXTERNAL RESEARCH FUNDING IN 2017

31% INCREASE AS COMPARED TO 2016

250 NDARC PUBLICATIONS IN 2017

205 CONFERENCE PRESENTATIONS IN 2017
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 Larance, 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”
“A record number of 293 delegates attended the Symposium”

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”

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).


“Professor Hall is one of the world’s most highly cited social scientists.”
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 (@NDARCtweets) and Facebook page (@ndarcnews). 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 bimonthly 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 (YARS), 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.
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 Kihas**

**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).
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.

This body of work has been conducted in collaboration with Professor Johan Duflou 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 Duflou, 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 systematic 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 Duflou. The 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.

Gabriele 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 coordinate 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.

**MORTALITY AND MORBIDITY**

**Professor Shane Darke**

**Chief Investigator**

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

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.

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 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 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 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 vapourised 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 Community Safety Directorate to work funded by the ACT Justice and Community Management (ACM) program, a voluntary program with a similar patient target group.

The 2017 DPMP doctoral students, 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.

Dr Katinka van de Ven has joined DPMP 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.

“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.
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), 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 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 groundbreaking 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 significant clinical and public health challenge, the Centre has established itself as a major national and international game changer. CREMS has established itself as a 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.

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

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.

THE DIFFERENCE IS COLLABORATION
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 design and deliver their own interventions with researchers providing research data and evaluation.
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

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

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 Alsop (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

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
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), Quilines 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 cytisine 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


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 Shahan, 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


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


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 McKenzie (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


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


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 Kihas, 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
“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


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, 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 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


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

**NDARC staff:** Professor Louisa Degenhardt, Associate Professor Timothy Dobbins, Dr Natasia 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

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 use 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 (Murdock Children’s Research Institute, University of Melbourne), Dr Rohan Borschmann (Murdock Children’s Research Institute, University of Melbourne), Associate Professor Raimundo 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 Latchler (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 Queensl), Dr Helena Romanik (Murdock Children’s Research Institute, University of Melbourne), Dr Rachel Skinner (Teleton Institute for Child Health, University of Western Australia), Dr Elizabeth Spry (Murdock 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 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 Manins (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)

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 Manins (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
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 Leidt, 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 online on 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 Whitelord (Queensland Centre for Mental Health Research, University of Queensland), Janni Leung (Queensland Centre for Mental Health Research, University of Queensland), Alizee 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


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 Durnchev (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

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

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

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
“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.”

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.
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](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 Kerryn 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](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 Kerryn 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 Atkin (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-ids-r-o](https://ndarc.med.unsw.edu.au/project/illicit-drug-reporting-system-ids-r-o)

### 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 Teisson

**Collaborators:** Professor Kypros Kyri (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


### 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:** Seqirus (untied educational grant)

**Date commenced:** 01/2017

**Expected date of completion:** TBA

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**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](https://ndarc.med.unsw.edu.au/project/ecstasy-and-related-drugs-reporting-system-edrs)
Current Projects


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-opiod-users](https://ndarc.med.unsw.edu.au/project/understanding-health-and-service-needs-diverse-populations-pharmaceutical-opiod-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 Alisop, Dr Tina Lam, Professor Simon Lenton, Professor Tanya Chikritzhs, Dr Weren 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 Aliati (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-yaars](https://ndarc.med.unsw.edu.au/project/young-australians-alcohol-reporting-system-yaars)

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 Delya 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 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](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
“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.”

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.
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 Cath Chapman, Associate Professor Tim Slade, Ms Anna Smout, Mr Marius Mather, Miss Siobhan Lawler, Ms Lisa Gibson, Miss Ivana Khas

**Collaborators:** Professor Patricia Conrod, Assistant Professor Natalie Castellanos-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


**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


**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

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

Triple B: Bumps, babies and beyond

NDARC staff: Dr Delyse Hutchinson, Professor Richard Matick, 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

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

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
Current Projects

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/drugs-darknet-assessing-global-health-risks-rapidly-expanding-market

### Drugs on the darkest: 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 Ali Malm (California State University Long Beach), Dr David Decary-Hetu (University of Montreal), Professor Judith Aldridge (University of Manchester), Dr Jason Farris (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), Associate Professor Raminta Daniulaityte (Wright State University, Ohio, USA), Professor Robert Carlson (Wright State University, Ohio, USA), Professor Ross Coomber (Griffith University), 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


### 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 Nahhas. 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/drug-supply-pharmaceutical-drugs-non-medical-use-australia

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


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

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.
**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/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

**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 Ezzard (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

“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 (e.g. depression, anxiety), externalising (e.g. substance use, anti-social and conduct disorder) and thought disorders (e.g. psychosis).

**Funding:** NHMRC Early Career Fellowship

**Date commenced:** January 2013


**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](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 e-Health 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](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 is 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


**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, Sub stance 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](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 Lamey, 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/](https://ndarc.med.unsw.edu.au/project/)

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

**NDARC staff:** Dr Marian Shanahan

**Collaborators:** Dr Nicholas 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


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**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 Bawik (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


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**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

**Project summary:** 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 Shakshaft, 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 Shiahpush (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


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**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](https://ndarc.med.unsw.edu.au/project/viability-early-warning-system-views-study)

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**Completed Projects**
“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

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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

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DRUG POLICY

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

**NDARC staff:** Dr Caitlin Hughes, Dr Marian Shanahan, Miss Oluwadamisola 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


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


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


Marijuana markets – cross-cultural policy comparison

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

Collaborators: Dr Tomas Zabranksy (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


Social Costs of Smoking in NSW

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

Collaborators: Catherine Kellick (Sax Institute), Anita Dessai (The Cancer Institute NSW), Tim Harrold (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 Krishna Prasad 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

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

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)


Funding: Australian Government Department of Health
Date commenced: 2015

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

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’Neil (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


**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](https://ndarc.med.unsw.edu.au/project/identifying-social-costs-methamphetamine)
“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.”

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.
# 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.

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

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

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

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

Chris Coombes
Gaurav Bapat
Tori Barnes
Jasmin Bartlett
Davy Cheng
Mary Kumvaj
Sok Bee Lim
Jelynn Millare
Deborah Owen
Jemma Sale
Swati Srivastava
Mina Tang
Morgaine Wallace-Steele

IT Officer
Management Accountant
Acting EA to the Director
Administrative Officer/EA
Management Accountant
Librarian
Finance Manager
Administrative Officer
Administrative Assistant
Executive Assistant/Project Co-ordinator
Finance Manager/Acting Centre Operations Manager
Finance Officer
Communications Officer
Doctoral Candidates

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

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

Masters by Research students

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>Douglas Bruce</td>
<td>James</td>
</tr>
<tr>
<td>Maureen Anne</td>
<td>Steele</td>
</tr>
</tbody>
</table>

Conjoint

In 2017, NDARC had 22 conjoint appointments.

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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</thead>
<tbody>
<tr>
<td>Julaine Allen</td>
<td>Associate Lecturer</td>
</tr>
<tr>
<td>Amanda Baker</td>
<td>Professor</td>
</tr>
<tr>
<td>Raimondo Bruno</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Bianca Calabria</td>
<td>Lecturer</td>
</tr>
<tr>
<td>Jenny Chalmers</td>
<td>Senior Lecturer</td>
</tr>
<tr>
<td>Johan Duflou</td>
<td>Associate Professor</td>
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<tr>
<td>Matthew Dunn</td>
<td>Senior Lecturer</td>
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<tr>
<td>Wayne Hall</td>
<td>Professor</td>
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<tr>
<td>Mary Harrod</td>
<td>Conjoint</td>
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<tr>
<td>John Howard</td>
<td>Senior Lecturer</td>
</tr>
<tr>
<td>Marianne Jauncey</td>
<td>Senior Lecturer</td>
</tr>
<tr>
<td>Sharlene Kaye</td>
<td>Senior Lecturer</td>
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<tr>
<td>Francis Kay-Lambkin</td>
<td>Associate Professor</td>
</tr>
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</table>
### Visiting fellows and students

In 2017, NDARC had 25 visiting fellows and students.

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First Name</th>
<th>Title/Position</th>
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<tbody>
<tr>
<td>Afzali</td>
<td>Kamran</td>
<td>Visiting Fellow</td>
</tr>
<tr>
<td>Ali</td>
<td>Robert</td>
<td>Honorary Associate Professor</td>
</tr>
<tr>
<td>Bao</td>
<td>Yanping</td>
<td>Visiting Fellow</td>
</tr>
<tr>
<td>Berends</td>
<td>Lynda</td>
<td>Visiting Fellow</td>
</tr>
<tr>
<td>Breen</td>
<td>Courtney</td>
<td>Adjunct Academic</td>
</tr>
<tr>
<td>Breuren</td>
<td>Zenna</td>
<td>Research Practicum Student</td>
</tr>
<tr>
<td>Charlson</td>
<td>Fiona</td>
<td>Visiting Fellow</td>
</tr>
<tr>
<td>Copeland</td>
<td>Jan</td>
<td>Honorary Professor</td>
</tr>
<tr>
<td>Gournay</td>
<td>Kevin</td>
<td>Visiting Professorial Fellow</td>
</tr>
<tr>
<td>Hafekost</td>
<td>Katherine</td>
<td>Visiting Fellow</td>
</tr>
<tr>
<td>Hickman</td>
<td>Matthew</td>
<td>Visiting Professorial Fellow</td>
</tr>
<tr>
<td>Hines</td>
<td>Lindsey</td>
<td>Visiting Fellow</td>
</tr>
<tr>
<td>Honan</td>
<td>Ingrid</td>
<td>Macquarie University Doctoral Candidate</td>
</tr>
<tr>
<td>Hunt</td>
<td>Caroline</td>
<td>Visiting Professorial Fellow</td>
</tr>
<tr>
<td>Hunt</td>
<td>Sally</td>
<td>Visiting Fellow</td>
</tr>
<tr>
<td>Hutchinson</td>
<td>Delyse</td>
<td>Visiting Fellow</td>
</tr>
<tr>
<td>Jansen</td>
<td>Fannie</td>
<td>Research Practicum Student</td>
</tr>
<tr>
<td>Kersten</td>
<td>Yvonne</td>
<td>Research Practicum Student</td>
</tr>
<tr>
<td>Kimber</td>
<td>Joanne</td>
<td>Visiting Fellow</td>
</tr>
<tr>
<td>Lago</td>
<td>Luise</td>
<td>Visiting Fellow</td>
</tr>
<tr>
<td>McKetin</td>
<td>Rebecca</td>
<td>Visiting Fellow</td>
</tr>
<tr>
<td>McRobbie</td>
<td>Hayden</td>
<td>Visiting Professorial Fellow</td>
</tr>
<tr>
<td>Najman</td>
<td>Jackob</td>
<td>Visiting Professorial Fellow</td>
</tr>
<tr>
<td>Taplin</td>
<td>Stephanie</td>
<td>Visiting Research Fellow</td>
</tr>
<tr>
<td>Tutka</td>
<td>Piotr</td>
<td>Visiting Professorial Fellow</td>
</tr>
</tbody>
</table>
## EXTERNAL APPOINTMENTS

### MEMBERSHIPS OF EXTERNAL COMMITTEES, ADVISORY BOARDS AND EDITORIAL BOARDS

#### Dr Monica Barratt

- Editorial Board Member, *Field Methods* (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, PART (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

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

#### 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 Kerryn Butler

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

#### Dr Natacha Carragher

- Member, NHMRC Research Translation Faculty (2013–present)
- Convenor of the Early Career Researcher Workshop at the Annual Meeting of the Society for Mental Health Research (Melbourne 2013 & Adelaide 2014)

#### 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 (1999–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

- 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 (2004–2013)
- 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)
- 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)

#### Prof Louisa Degenhardt

- Member of Core Analytic Team, Global Burden of Disease 2.0 (2012–present)
Appendix B – External Appointments

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, Oxygen Research Committee (2012-2015)
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, 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 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 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)
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
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 (SMH-R) (2005-present)
Member, Australian Association for Cognitive and Behavioural Therapy (AACBT) (2006-present)
Full Member, Australian Psychological Society (APS) (2003-present)
Appendix B – External Appointments

Dr Delyse Hutchinson
Co-convener 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-convener 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)
Collaborating Research Supervisor, Department of Psychology, Macquarie University (2013-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 Larance
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 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 (APSA) (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 (NCICWG), 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
NHMRC Alcohol Guidelines Expert Committee (2016-present)
Member, Advisory Committee, Centre for Alcohol Policy Research, La Trobe 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)

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, Oxygen Research Committee (2015-present)
Regional Editor, Social Psychiatry and Psychiatric Epidemiology (2009-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)

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  

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  

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  

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  

Ivana Kihas (2017-present)  
The relationship between traumatic stress, problematic substance use and disordered eating behaviours among Australian adolescents  

**Alice Knight** (2013-present)  
*Estimating the costs and benefits of a multi-component intervention aimed at high-risk young Indigenous Australians*

**Siobhan Lawler** (2017-present)  
*Understanding the relationship between drug use and violence among young people*

**Richard Mellor** (2016-present)  
*Problematic Alcohol Behaviours: An Exploration of Self-Transitioning*

**Sonja Memedovic** (2012-present)  
*Depression in people with opioid dependence*

**Vivienne Moxham-Hall** (2015-present)  
*Cross-National Comparisons of Drug Policies and their Health and Social Impacts*

**Alice Munro** (2014-present)  
*Reducing alcohol and drug related harm in rural Aboriginal communities*

**Matthew O’Reilly** (2014-present)  
*Understanding how high level drug traffickers operate within Australia*

**Amanda Roxburgh** (2012-present)  
*Trends in prescription opioid use and related harms in Australia*

**Shivanjali Singh** (2016-present)  
*Cannabis and its Acceptance by Patients and Health Professionals (CAPH)*

**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*
<table>
<thead>
<tr>
<th>Department of Health</th>
<th>2017 AUD$</th>
<th>AWARD TOTAL A$</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Drug and Alcohol Program</strong></td>
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<tr>
<td>Alcohol and Other Drug Research Grant</td>
<td>2,750,000</td>
<td>8,005,000</td>
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<tr>
<td><strong>Substance Misuse Prevention and Service Improvement Grant</strong></td>
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<tr>
<td>Core Funding for National Drug and Alcohol Research Centre (include Scholarships)</td>
<td>1,394,728</td>
<td>12,132,467</td>
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<tr>
<td>Drug Trends (idrs, edrs and nidip)</td>
<td>420,000</td>
<td>7,336,797</td>
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<td>Centre of excellence for the clinical management of emerging drugs of concern</td>
<td>3,337,500</td>
<td>8,798,000</td>
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<tr>
<td>Positive choices to prevent alcohol and drug-related harms among young aboriginal and Torres Strait Islanders: development and implementation</td>
<td>371,462</td>
<td>849,741</td>
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<tr>
<td>Positive choices: development, maintenance and dissemination of online prevention portal</td>
<td>395,663</td>
<td>1,281,848</td>
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<td>An integrated online intervention for students and parents to prevent alcohol and cannabis harms among adolescents</td>
<td>229,433</td>
<td>524,841</td>
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<td>Cracks in the ice – community ice toolkit</td>
<td>493,576</td>
<td>1,843,576</td>
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<tr>
<td>Feasibility of a national early warning system for illicit drug use and harms</td>
<td>77,051</td>
<td>77,051</td>
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<tr>
<td><strong>Commonwealth Government Contract</strong></td>
<td></td>
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<tr>
<td>Review of cannabis and cannabinoids for medical purposes</td>
<td>231,916</td>
<td>318,548</td>
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<tr>
<td>Development of a national treatment framework for drug and alcohol treatment services</td>
<td>70,950</td>
<td>70,950</td>
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<td><strong>Tackling Indigenous Smoking Innovation Grants</strong></td>
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<tr>
<td>Health Intervention “SNAP”</td>
<td>385,583</td>
<td>771,166</td>
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<tr>
<td><strong>Substance Misuse Prevention and Service Improvement Grant – Subcontract and Shared Grant</strong></td>
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<tr>
<td>Young Australian Alcohol Reporting System (Curtin University of Technology)</td>
<td>14,451</td>
<td>43,352</td>
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<tr>
<td>Aboriginal and Torres Strait Islander peoples’ alcohol and other drugs Knowledge Centre (Edith Cowan University)</td>
<td>10,000</td>
<td>25,000</td>
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<tr>
<td><strong>Centres of Research Excellence</strong></td>
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<tr>
<td>CRE in mental health and substance use: translating innovative prevention and treatment</td>
<td>316,772</td>
<td>2,499,020</td>
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<tr>
<td><strong>Project Grant</strong></td>
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<tr>
<td>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</td>
<td>230,932</td>
<td>711,430</td>
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<td>Pharmaceutical opioids for chronic non-cancer pain: evaluating health outcomes and economic impact over five years</td>
<td>226,661</td>
<td>775,920</td>
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<tr>
<td>The radar project: identifying early warning signals on the pathways to alcohol use disorder</td>
<td>180,918</td>
<td>884,321</td>
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<tr>
<td>A non-inferiority trial of cytisine versus varenicline for smoking cessation</td>
<td>769,960</td>
<td>1,885,813</td>
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<tr>
<td>Drugs on the darknet: assessing the global health risks of a rapidly expanding market</td>
<td>184,938</td>
<td>399,691</td>
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<tr>
<td>Pathways to prevention: the effectiveness of universal and selective prevention in altering developmental pathways to alcohol and cannabis related harms in young adults</td>
<td>163,656</td>
<td>465,968</td>
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<tr>
<td>Alcohol and other drug treatment funding, purchasing and workforce: empirical analyses to inform policy</td>
<td>167,914</td>
<td>473,866</td>
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<tr>
<td>TCR – Mental Health: Prevention of, and Early Intervention in Mental illness in Children and Young People</td>
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<tr>
<td>Internet-based universal prevention for anxiety, depression and substance use in young australians</td>
<td>202,881</td>
<td>1,500,740</td>
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<tr>
<td>Project Grant – Shared Grant</td>
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<tr>
<td>An RCT of cannabinoid replacement therapy (Sativex®) for the management of treatment-resistant cannabis dependent patients (University of Sydney)</td>
<td>18,404</td>
<td>27,606</td>
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<tr>
<td>Defining the clinical role of topiramate in the treatment of alcohol dependence in australia (University of Sydney)</td>
<td>9,368</td>
<td>23,419</td>
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<tr>
<td>Understanding the impacts of vaporised nicotine products on smoking in australia (Anti Cancer Council of Victoria)</td>
<td>50,000</td>
<td>165,000</td>
</tr>
<tr>
<td>Centres of Research Excellence – Shared Grant</td>
<td></td>
<td></td>
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<tr>
<td>A centre for research excellence: building indigenous research capacity to find solutions to alcohol problems (University of Sydney) – See Sub note (b) below</td>
<td>63,553</td>
<td>136,000</td>
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</tbody>
</table>

**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 disorder (Ivana Khas) | 14,167 | 17,000 |

**Health Administration Corporation**

<p>| 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 |</p>
<table>
<thead>
<tr>
<th><strong>Australian Research Council</strong></th>
<th><strong>Discovery Project</strong></th>
<th><strong>Award Total</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Understanding recent Australian trends in alcohol consumption and harms</td>
<td>90,000</td>
<td>274,600</td>
</tr>
<tr>
<td>Integrating research into youth services in remote communities</td>
<td>320,000</td>
<td>743,500</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Discovery Project – Shared Grant</strong></th>
<th><strong>Award Total</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Involving children in social research: balancing the risks and benefits (Australian Catholic University)</td>
<td>13,635</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Contract Research</strong></th>
<th><strong>Award Total</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Contract Research</td>
<td>56,940</td>
</tr>
</tbody>
</table>

| **Systematic review of community based alcohol interventions** (University of Newcastle) | 4,997 |
| **Potential harms of ends use in youth** (University of Newcastle) | 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 |

<table>
<thead>
<tr>
<th><strong>International Contract</strong></th>
<th><strong>Award Total</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Prevention and treatment of hiv among people who inject drugs (World Health Organisation)</td>
<td>15,975</td>
</tr>
<tr>
<td>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)</td>
<td>53,393</td>
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<tr>
<td>A prospective cohort study of buprenorphine-depot in prison (Indiviour UK Limited)</td>
<td>120,465</td>
</tr>
<tr>
<td>Implementation of buprenorphine depot in community based treatment settings (Indiviour UK Limited)</td>
<td>112,990</td>
</tr>
<tr>
<td>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)</td>
<td>20,322</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Other Federal and State Government</strong></th>
<th><strong>Award Total</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Reducing stigma and discrimination for people experiencing problematic alcohol and other drug use (Queensland Mental Health Commission)</td>
<td>29,814</td>
</tr>
<tr>
<td>An evaluation of the safe space program (NSW Dept of Juvenile Justice)</td>
<td>63,636</td>
</tr>
<tr>
<td>Community based participatory research (Dept of Prime Minister and Cabinet)</td>
<td>150,000</td>
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<tr>
<td>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)</td>
<td>118,182</td>
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### Other Research Grants

<table>
<thead>
<tr>
<th>Grant Description</th>
<th>Award Amount</th>
<th>Total A$</th>
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<tbody>
<tr>
<td><strong>Ahuri National Housing Research Program – Research Shared Grants</strong></td>
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<tr>
<td>Integrated housing support for vulnerable families (University of Tasmania)</td>
<td>5,025</td>
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<tr>
<td>NIH National Institute on Drug Abuse SubContract</td>
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<tr>
<td>Advice on data collection of illicit drug use (Wright State University)</td>
<td>2,767</td>
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<tr>
<td><strong>Drug Policy Modelling Program</strong></td>
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<tr>
<td>Drug Policy Modelling program – 2010 to 2013 (Colonial Foundation Trust)</td>
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<td>7,661,973</td>
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### Fellowships

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<tr>
<th>Fellowship Type</th>
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<tr>
<td><strong>NHMRC Research Fellowships</strong></td>
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<tr>
<td>Senior Research Fellowship A – Professor Alison Ritter</td>
<td>126,274</td>
<td>707,184</td>
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<tr>
<td>Assessing the population health impact of illicit drug use: prevalence, trajectories, and contributions to disease burden – Professor Louisa Jane Degenhardt (NHMRC)</td>
<td>142,949</td>
<td>714,745</td>
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<tr>
<td>Mental health and substance use: Understanding, preventing and treating – Professor Maree Teesson (NHMRC)</td>
<td>130,553</td>
<td>652,765</td>
</tr>
<tr>
<td>Alcohol, tobacco, illicit drugs, and prescribed drugs: Birth, adolescent, and adult prospective cohorts and RCTs of interventions – Professor Richard Phillip Mattick (NHMRC)</td>
<td>142,949</td>
<td>714,745</td>
</tr>
<tr>
<td>Innovative responses to prevention and treatment of mental disorders and substance use – Professor Maree Teesson (NHMRC)</td>
<td>147,996</td>
<td>739,980</td>
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<tr>
<td>Right Person, Right Treatment, Right Time: Engaging comorbid populations with eHealth interventions across the lifespan – Associate Professor Lambkin Frances Kay-Lambkin (NHMRC)</td>
<td>124,531</td>
<td>622,655</td>
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<tr>
<td>Improving treatment responses for co-occurring mental and substance use disorders – Associate Professor Katherine Mills (NHMRC)</td>
<td>126,274</td>
<td>631,370</td>
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<tr>
<td><strong>Translating Research Into Practice (TRIP) Fellowships</strong></td>
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<tr>
<td>Increasing the capacity of community pharmacy for screening, brief intervention and referral for treatment of pharmaceutical opioid use disorders – Dr Suzanne Nielsen (NHMRC)</td>
<td>73,832</td>
<td>177,197</td>
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<tr>
<td>Empowering young people to make positive health choices: translation of evidence-based drug and alcohol prevention to Australian adolescents – Dr Lexine Ann Stapinski (NHMRC)</td>
<td>44,299</td>
<td>177,197</td>
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<tr>
<td><strong>Early Career Fellowships</strong></td>
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<tr>
<td>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)</td>
<td>76,149</td>
<td>304,596</td>
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<tr>
<td>Examination of the trajectories and health consequences of pharmaceutical opioid use in Australia – Dr Briony Kate Larance (NHMRC)</td>
<td>76,149</td>
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<tr>
<td>Determining the impact of pharmaceutical opioid use in Australia: a focus on burden, risks and harms – Dr Natasa Gisev (NHMRC)</td>
<td>77,359</td>
<td>309,436</td>
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<tr>
<td>Externalising behaviours in young people: predictors, prevention and treatment – Dr Emily Alice Stockings (NHMRC)</td>
<td>78,661</td>
<td>314,644</td>
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<tr>
<td>Quantifying the predictors and risks of problematic alcohol use – Dr Amy Kathleen Peacock (NHMRC)</td>
<td>78,661</td>
<td>314,644</td>
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<tr>
<td>Project Description</td>
<td>2017 AUD$</td>
<td>AWARD TOTAL A$</td>
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<tr>
<td>The extent and impact of pharmaceutical opioids for chronic non-cancer pain – Dr Gabrielle Szytkiel (NHMRC)</td>
<td>63,754</td>
<td>318,768</td>
</tr>
<tr>
<td>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)</td>
<td>72,737</td>
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<tr>
<td><strong>Royce Abbey PostDoctoral Fellowship</strong></td>
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<tr>
<td>Neurocognitive deficits in young heavy drinkers – Dr Janette Louise Smith (Australian Rotary Research Funds)</td>
<td>75,000</td>
<td>225,000</td>
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<tr>
<td><strong>PostDoctoral Fellowship</strong></td>
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<tr>
<td>The effect of cognitive training on adolescent behavioural disinhibition and binge-drinking Dr Louise Rua Mewton (Australian Rotary Research Funds)</td>
<td>75,000</td>
<td>225,000</td>
</tr>
<tr>
<td><strong>Fellowships</strong></td>
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<tr>
<td><strong>Early Career Fellowships</strong></td>
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</tr>
<tr>
<td>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)</td>
<td>159,766</td>
<td>558,512</td>
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<tr>
<td><strong>Vice-Chancellor’s Post Doctoral Fellowships</strong></td>
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<tr>
<td>Development and evaluation of a mobile-delivered substance use intervention for people with mental disorders – Dr Louise Kylie Thornton (UNSW)</td>
<td>10,000</td>
<td>20,000</td>
</tr>
<tr>
<td>Quantifying the predictors and risks of problematic alcohol use – Dr Amy Kathleen Peacock (UNSW)</td>
<td>10,000</td>
<td>30,000</td>
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<tr>
<td><strong>Early Mid Career Fellowship</strong></td>
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<tr>
<td>Enhancing comorbidity competency in mental health and substance use treatment services – Dr Emma Louise Barrett (NSW Health)</td>
<td>200</td>
<td>15,455</td>
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<tr>
<td><strong>Early Career Research Fellowships</strong></td>
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<tr>
<td>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)</td>
<td>–</td>
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<tr>
<td>Suicide and chronic pain in Australia: a retrospective mortality study – Dr Gabrielle Szytkiel (Society for Mental Health Research)</td>
<td>20,000</td>
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</tr>
</tbody>
</table>

**Grand Total of Externally Funded in 2017** 16,357,337 71,796,705
NDARC TECHNICAL REPORTS


AUSTRALIAN DRUG TREND SERIES


OTHER REPORTS

BOOK
BOOK CHAPTERS
JOURNAL ARTICLES


Hughes, C. E. (2017). The trajectories of cannabis and tobacco policies in the United States, Uruguay, Canada
Appendix E – Publications


Appendix E – Publications

Retrieved from https://www.cambridge.org/core/journals/psychological-medicine/article/posttraumatic-stress-disorder-in-the-world-mental-health-surveys/7DB941D95BB33FCC18BF52DB3F78197


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


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., Giantz, 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 Symposium, Sydney, 3-4 October


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


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.*, 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 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


Darke, S.* (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 12). Research evidence for brief interventions for cannabis use disorder. Invited address to Hazelden Foundation’s SBIRT Implementation Workshop, Minneapolis, MN.

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, June 12). Research evidence for brief interventions for cannabis use disorder. Invited address to Hazelden Foundation’s SBIRT Implementation Workshop, Minneapolis, MN.

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, June 12). Research evidence for brief interventions for cannabis use disorder. Invited address to Hazelden Foundation’s SBIRT Implementation Workshop, Minneapolis, MN.

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.


European Addictions Conference, Lisbon


Darke, S.* (2017). Methamphetamine: epidemiology and major harms. Compass Housing Services, Newcastle


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


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 Gaols: 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.*: 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


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., Stapsinski, 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 2017


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


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


Lancaster, K.* (2017, November) Critical issues in policy processes and participation: the production of ‘evidence.’ Invited presentation at the
Invited guest lecture for the Master of Addictive Behaviours at Monash University (online delivery), Melbourne


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)


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


Maier, L., Belton, E., Zahnov, 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


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


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


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.* 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)


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


Ritter, A.* International Perspectives on Drug Treatment Policy. House of Lords, All Party Parliamentary Health Group, 14 March


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.*, Karlsson, A. and Sutherland, R. Differences in methamphetamine use among IDRS.
Appendix F – Conference Presentations

and EDS participants. National Drug and Alcohol Research Centre Annual Symposium, Sydney, 3-4 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

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


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.* Sex differences in the relationship between disinhibition and heavy drinking (platform). NDARC Internal seminar, Sydney, Aug 10, 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.* (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.*, 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 50th Anniversary Research Symposium, Sydney, 3-4 October


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]


Thomas, D.*, Courney, 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)


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

23 October
Cracks in the Ice: Development of an online toolkit to disseminate evidence-based information about crystal methamphetamine
Mary-Ellen Brierley
Maitland 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
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

28 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 Louisa 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 cytisine 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.* Community outreach services that analyse illicit drugs for content and purity (aka pill testing). The 2017 Australian Winter School Medicine in Addiction Conference, Brisbane, 28 July


Barrett, E.L.* Addressing the hidden epidemic of child and adolescent trauma. Presentation at the TEDxFulbrightSydney event, Sydney, Oct 19, 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


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


Dolan, K.* (2017). Three day training Course for Liberian custodial and health staff


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


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


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.* 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.* Oxycodeone 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)


Ritter, A.* Translating research into policy: issues and challenges for researchers. LSBU Seminar London South Bank University, 15 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.* “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


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
