



**National Centre for  
Education and Training on Addiction  
(NCETA)**

**1 July 2015 – 30 December 2015**

**Prepared for:  
The Australian Government Department of Health**



### **About NCETA**


The National Centre for Education and Training on Addiction (NCETA) is an internationally recognised research centre that works as a catalyst for change in the alcohol and other drugs field.

Our mission is to advance the capacity of organisations and workers to respond to alcohol- and drug-related problems.

Our core business is the promotion of workforce development (WFD) principles, research and evaluation of effective practices; investigating the prevalence and effects of alcohol and other drug use in society; and the development and evaluation of prevention and intervention programs, policy and resources for workplaces and organisations.

NCETA is based at Flinders University and is a collaboration between the University and the Australian Government Department of Health.

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NCETA Staff (L-R): Front: Jane Fischer, Allan Trifonoff, Ann Roche, Ken Pidd, Stacey Appleton  
Back: Victoria Kostadinov, Roger Nicholas, Tania Steenson

Absent: Vinita Duraisingam, Alice McEntee, Nicole Lee, Jacqui Cameron

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## PROJECT ACTIVITY REPORT

## Project Summary

Please insert the Project summary from the Agreement into the space below. This should include the aim and objectives of the Project, as well as the target group, if applicable.

*NCETA's core funding from the Australian Government Department of Health is through the Substance Misuse Prevention and Service Improvement Fund. The primary objective of the Substance Misuse Prevention and Service Improvement Fund is to support prevention of substance misuse and to promote service improvement within the drug and alcohol and related sectors.*

*A key outcome for the funding period is to ensure that NCETA operates as a centre of excellence to implement and disseminate research related to its key areas of operation as detailed in the Centre's Strategic Plan. In particular, NCETA will maintain a strong focus on workforce development by contributing to policy development and by building the capacity of the alcohol and other drugs (AOD) field. The AOD workforce includes the group of workers whose primary role is to reduce the harm associated with the use of alcohol and other drugs. 'Workforce Development' is a multi-faceted, systemic approach to building the capacity and sustainability of the AOD workforce.*

**NCETA's Key Focus Areas:**

1. *Participate in the development and maintenance of the Collaborative Network of Alcohol and Drug Research Centres*
2. *Contribute to the development and implementation of AOD policy*
3. *Promote best practice and quality in the management of AOD issues via translational research, knowledge transfer and dissemination*
4. *Provide leadership on, raise awareness, and understanding of, AOD workforce development and its implications for the National Drug Strategy*
5. *Update the National Alcohol Knowledgebase (NADK) and expand it to incorporate other drugs*
6. *Utilise the workplace as a priority setting for AOD prevention and treatment intervention*
7. *Ensure that NCETA operates efficiently and effectively.*

*This report follows the structure indicated in the seven Key Focus Areas above and presents a summary of activities, output and impact for this reporting period. Where activities are relevant to more than one Key Focus Area there may be some duplication between sections.*

## Overall Project Progress

Are the objectives of the Project being achieved and if not, why not?

### Major Achievements: July 2015 – December 2015

The period July to December 2015 was very productive for NCETA with the launch and dissemination of the Cannabis and Methamphetamine Sections of the National Alcohol and Drug Knowledgebase and the release and dissemination of Australia's National Workforce Development Strategy. The Centre also produced an online methamphetamine training package for frontline workers and conducted methamphetamine-related training workshops around Australia for diverse audiences.

NCETA's newly established Research Advisory Committee comprising prominent medical, public health and alcohol and other drug (AOD) professionals met to inform the Centre's ongoing research program. Members of the Research Advisory Committee include:

- Professor Paul Worley (Chair), Dean, School of Medicine, Flinders University
- Professor Ann Roche, Director, National Centre for Education and Training on Addiction, Flinders University
- Dr Ken Pidd, Deputy Director (Research), National Centre for Education and Training on Addiction, Flinders University
- Mr Allan Trifonoff, Deputy Director (Programs), National Centre for Education and Training on Addiction, Flinders University
- Professor Michael Kidd, Executive Dean, Faculty of Medicine, Nursing, and Health Sciences, Flinders University
- Professor Ross McKinnon, Associate Dean, School of Medicine, Flinders University
- Professor Fran Baum, Director, Southgate Institute for Health, Society, and Equity, Flinders University
- Professor John Wakerman, Associate Dean, Flinders Northern Territory
- Dr Tamara Mackean, Senior Research Fellow, Poche Centre for Indigenous Health and Wellbeing, Flinders University
- Dr Lynette Cusack, Senior Lecturer, Nursing, University of Adelaide
- Professor Steve Wesselingh, Executive Director, SAHMRI
- Professor Jason White, Head of School, Pharmacy and Medical Sciences, UniSA
- Associate Professor Michael Baigent, School of Psychiatry, Flinders University
- Associate Professor Robert Ali, School of Medical Sciences, University of Adelaide.

During this period, NCETA was also successful in securing a number of competitive funding grants including:

- An international collaboration to conduct a review of the development and evolution of Employee Assistance Programs in the United States, Australia, New Zealand, United Kingdom, Sweden and Europe
- A project to develop, implement and evaluate a wellbeing intervention trial for at-risk youth
- A collaboration with Odyssey House Victoria to develop an online training package and associated resources to build the capacity of AOD workers to respond to clients with gambling issues
- Developing a New South Wales Non-Government AOD Workforce Development Plan for the Network of Alcohol and Drug Agencies (NADA)
- Working with Shell Aviation Australia to develop and implement a tailored workplace AOD risk/harm management package.

Major achievements during the reporting period are highlighted below:

#### ***National Alcohol and Drug Knowledgebase***

- Launched and disseminated the Cannabis Section of the National Alcohol and Drug Knowledgebase (NADK) on 27 July 2015.
- Launched the Methamphetamine Section of the NADK on 19 January 2016
- Updated the Alcohol and Cannabis Sections in December 2015
- Commenced work on the Pharmaceutical Section (See Key Focus Area 5, p.35).

#### ***NADK Website Statistics***

Between 1 July 2015 and 23 February 2016, there were approximately 7,440 visits and 17,797 page views on the NADK website. The majority (6,199 or 83%) were new users. Most users were from Australia (66%), while others were from the United States, United Kingdom, Russia, China, Japan and Canada. NADK website user statistics are presented in Table 1.

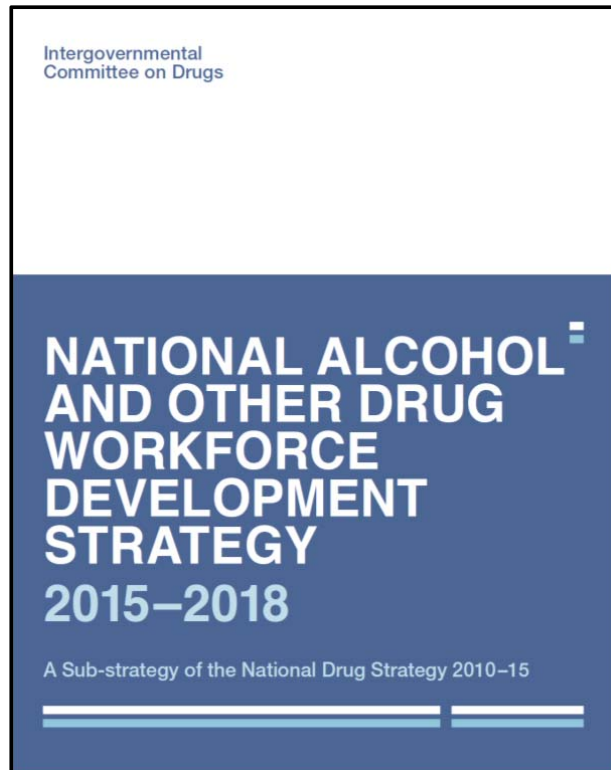
**Table 1: Visitors to NADK Website (July 2015 – February 2016)**

User Type	No. of Visitors	Pages Visited per Session	Average Time on Site (mins)
New	6,199 (83%)	2.39	1.54
Returning	1,241 (17%)	3.89	3.55
Total	7,440 (100%)		

### ***National Workforce Development Strategy***

NCETA completed the National Workforce Development Strategy in early 2015 and disseminated the Strategy nationally and internationally following its public release in August 2015 (See Key Focus Areas 2.3, p.19 and 4.1, p.30). Australia is one of few countries to have developed an AOD Workforce Development Strategy.

Australia's National Workforce Development Strategy is now being used to inform AOD workforce development policy initiatives in New Zealand and the United Kingdom (See Key Focus Areas 2.5.1, p.20 and 4.3.2, p.30).



### ***Methamphetamine-related Program***

NCETA continued to develop and implement a methamphetamine-related program of work (See Key Focus Areas 2.1, p.19 and 3.1.6, p.25). This included:

- 1) Developed and implemented a comprehensive Ice Training Package for workers from the health and welfare, education, criminal justice and transport sectors on crystal methamphetamine *Ice: Training for Frontline Workers*. The Training Package, funded by the Victorian Department of Health and Human Services, was launched on 21 January, 2016.

More than 3,250 workers had enrolled in the Package within the first three weeks of its release (See Key Focus Area 4.4, p.31).

- 2) Conducted secondary data analyses to examine changes in patterns of methamphetamine use over time, including comparisons of 2013 and 2004 National Drug Strategy Household Survey (NDSHS) data. Several peer-reviewed publications were developed.



- 3) Conducted a professional development needs analysis of frontline AOD treatment workers responding to methamphetamine clients.
- 4) Conducted methamphetamine-related training workshops and community forums, including:
  - WANADA Methamphetamine Forum, Perth
  - Australian Capital Territory Government Consultation Forum, Canberra
  - Central Australian Youth Link Up Service 'Ice' Forum, Alice Springs
  - Australian Indigenous Doctors' Association's 'Ice' Professional Development Workshop, Adelaide
  - Central Adelaide Local Health Service professional development forum
  - Northern Adelaide Community 'Ice' Forum
  - Mannum Community 'Ice' Forum
  - Allianz Workers Compensation Client Seminar, Melbourne.

#### ***Addressing AOD Needs of Older Australians***

NCETA developed and disseminated a suite of initiatives to address the emerging needs of older Australians at risk of AOD-related harm (See Key Focus Area 4.6, p.32) including:

- 1) Developed and disseminated, in collaboration with Peninsula Health, Victoria, the first Australian practical guide for specialist AOD and non-specialist clinicians to identify, assess and intervene with older people at risk of experiencing AOD related harm (See Key Focus Area 3.1.10, p.27).
- 2) Continued to facilitate the National Network for Alcohol, Drugs and Older People, comprising representatives from the AOD sectors in Australia and New Zealand.
- 3) Continued to participate, with international partners, in the development of a Massive Open Online Course (MOOC) on older people and alcohol and drug use (See Key Focus Areas 2.4.1, p.20 and 3.1.10, p.27).

#### ***Contributed to the Development of National Policy Initiatives***

NCETA's contributions to national and jurisdictional AOD policy initiatives during the reporting period included:

- 1) Input into the development of the next iteration of the National Drug Strategy (NDS) 2016-2021.
- 2) Participation in the Intergovernmental Committee on Drugs (IGCD) Annual Stakeholder forum on 11 November 2015 and presented on:
  - (a) The development of the Ice: Training for Frontline Workers Package at the IGCD meeting on 12 November 2015 (See Key Focus Area 2.1.1, p.19).
  - (b) The National AOD Workforce Development Strategy (See Key Focus Areas 2.3, p.19 and 4.1, p.30).

- 3) Advice to the NSW Ministry of Health on addressing the workforce development needs of AOD and mental health workers who are dealing with older people's AOD issues.
- 4) The Honourable Dr Anthony Lynham, Queensland Minister for Natural Resources and Mines personally phoned Dr Ken Pidd to seek advice regarding the efficacy of workplace drug testing.

### ***Informed Vocational Education and Training Courses and Content***

- 1) NCETA continued to lead the online Network of AOD VET trainers (comprising more than 70 registered training organisations and individuals) and Community of Practice to support VET trainers and to enhance the delivery of VET AOD qualifications through the development of new, evidence based resources and the dissemination of existing resources (See Key Focus Area 4.5, p.32).

### ***Informed Policy and Practice Development to Address Alcohol- and Drug-related Family and Domestic Violence***

- 1) NCETA contributed an article: *What role does the alcohol and other drug (AOD) treatment sector play in reducing family and domestic violence?* for a special edition of the NADA Advocate newsletter that examined the issue of family and domestic violence within the context of specialist NGO AOD treatment services.
- 2) Professor Ann Roche gave a presentation on drug-related family violence at the workshop *Addiction, Dependency and those Affected* conducted by the South Australian Postgraduate Medical Education Association (See Appendix 1).
- 3) NCETA partnered with Odyssey House Victoria on a funding submission to the Australian Government Department of Human Services to develop and deliver an online training resource and train-the-trainer sessions on family and domestic violence to trainers and social workers in the Department of Human Services (See Key Focus Area 7.4, p.43).

### ***Workplace Policy and Practice***

- 1) Developed and implemented the *WorkLife* workplace wellbeing program to assist workplaces to develop and implement effective and sustainable workplace policies and procedures (See Key Focus Area 6.6, p.40).
- 2) Published a peer-reviewed paper of the findings from an innovative study examining the relationship between AOD policies and workers' substance use (See Key Focus Areas 2.10.2, p.22 and 6.5, p.40).
- 3) Commenced a project for Shell Aviation Australia to develop and implement a tailored workplace alcohol and drug risk/harm management package (See Key Focus Area 2.7.2, p.21).

### ***Publications and Presentations***

- 1) ***Published 9 peer-reviewed publications*** including:
  - The cost to workplaces of alcohol- and other drug-related absenteeism
  - Addressing inequities in alcohol consumption and related harms
  - An examination of the relationship between AOD policies and workers' substance use
  - A systematic review of effective school-based strategies to address alcohol-related problems

A list of peer-reviewed papers and other publications is attached (See Appendix 1).

- 2) Developed and disseminated ***three workforce development related resources***
- 3) Invited to write ***several book chapters***
- 4) Gave ***22 conference presentations*** and conducted ***13 workshops*** and ***training sessions*** (See Appendix 2)
- 5) Attended ***12 community meetings*** with stakeholders including AOD and welfare services, NGO peak bodies, research institutes, Indigenous community controlled organisations, aged care peak bodies and service providers, government departments and industry organisations and groups.

### ***International Collaboration***

- 1) Initiated a collaboration with MASI Research Consultants Inc. in the United States to undertake an international historical review of Employee Assistance Programs. The review is funded by the United States-based Employee Assistance Research Foundation (See Key Focus Area 6.2, p.38).
- 2) Continued to engage with international partners on the Global Addiction academy Project (GAaP) and provided expert advice on the workforce development component of the project and advice and guidance on the development of an international Massive Open Online Course (MOOC) *Falling Down - Older People and Problematic Substance Use* (See Key Focus Area 2.4.1, p.20 and 3.1.10, p.27).

### ***Local Collaboration***

- 1) Commenced a collaboration with the Adelaide Primary Health Network (PHN). As part of this collaboration Professor Ann Roche has been invited to be a member of the Network's Mental Health & Alcohol and Other Drugs Advisory Working Group. NCETA has also been asked to assist the Adelaide and Country PHNs to develop customised data reports on alcohol, cannabis, methamphetamine and pharmaceutical use in South Australia.
- 2) Continued to collaborate with the South Australian Health and Medical Research Institute (SAHMRI) and Associate Professor James Ward in relation to identifying research opportunities for addressing Indigenous health and wellbeing (See Key Focus Area 4.9.2, p.33).

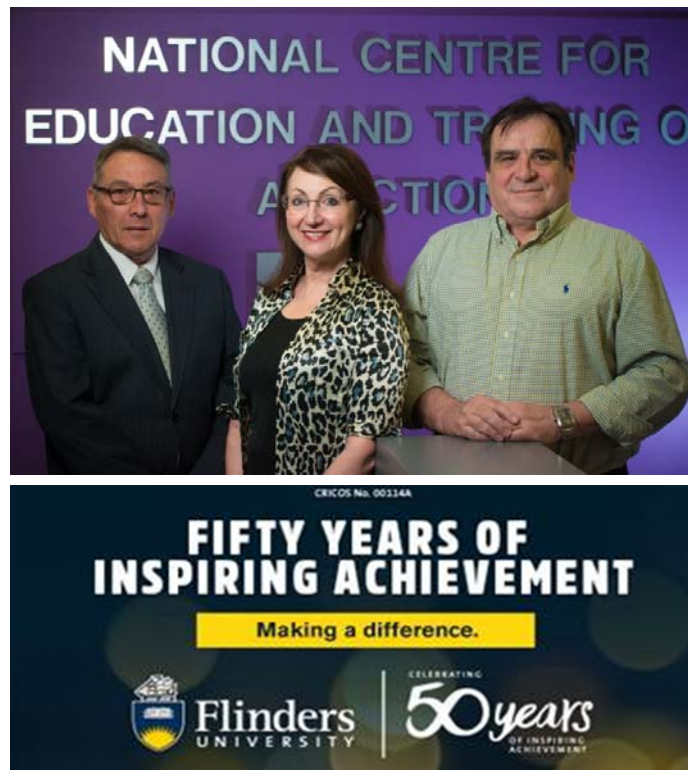
## Impact

### *Flinders University highlights NCETA's achievements*

Flinders University is celebrating its 50<sup>th</sup> anniversary in 2016. NCETA's work is featured in an article in a special 50<sup>th</sup> anniversary edition of the University's annual magazine *Encounter*. The article, due to be published in April/May 2016, highlights the impact of NCETA's work in the AOD sector, University and broader community. The University article states:

*Because of the incredibly important work your team has been doing, which has generated such interest from the media and general public, we thought NCETA deserved pride of place as one of a select group of Flinders research success stories.*

The following image of NCETA staff members (Professor Ann Roche, Dr Ken Pidd and Mr Allan Trifonoff) below will be included in the upcoming *Encounter* magazine article.



## Media

During this reporting period, NCETA:

- 1) Attracted considerable media attention regarding its research on methamphetamine and cannabis use and harms, as well as its work on the cost of AOD-related absenteeism. The latter issue generated the largest amount media interest in a single day recorded by the Flinders University's Media and Communications Office. For details please see p.40.
- 2) Expanded our social media presence through creating Twitter and Facebook accounts to further disseminate the Centre's work and to support the AOD sector. Our new Facebook and Twitter addresses are:



[@NCETAFlinders](https://twitter.com/NCETAFlinders)



[nceta@facebook](https://www.facebook.com/nceta@facebook)



*NCETA Website Statistics*

From 1 June 2015 to 31 December 2015, there were approximately 11,830 visits and 33,208 page views on the NCETA website from 8,748 unique users (see Table 2). Approximately 30% of users were returning visitors. Most users came from Australia (87%), while others were from the United States, UK, Ireland, New Zealand, India, Germany, Canada, Kenya, and the Philippines.

Keywords used to access the NCETA website included: NCETA, harm minimisation, harm minimisation definition, NCETA Flinders, nceta.flinders.edu.au, National Centre for Education and Training on Addiction, alcohol harm minimisation, AOD training South Australia.

**Table 2: Visitors Accessing the NCETA Website [www.nceta.flinders.edu.au](http://www.nceta.flinders.edu.au) (July – December 2015)**

User Type	No. of Visitors	Pages visited per Session	Average Time on Site (mins)
New	8,273 (70%)	2.58	2.12
Returning	3,557 (30%)	3.34	3.25
Total	11,830 (100%)		

### *Stakeholder feedback*

The following is a snapshot of feedback from key stakeholders about NCETA and its impact on AOD policy and practice in Australia and internationally:

#### **Workforce Development**

*The National AOD Workforce Development Strategy is amazing. Well done, world leaders.*

Dr Trish Hafford-Letchfield, Middlesex University, UK, 2 September 2015.

*Congratulations on the National Workforce Development Strategy. I'm a major fan of NCETA's work in relation to workforce development and what you do in Australia has international application.*

Dr Carmel Clancy, Middlesex University, UK, 2 September 2015.

#### **Addressing Workplace AOD Issues**

*NCETA are about the only source of information about workplace drug testing in Australia. Your 2014 systematic review of workplace drug testing and your recent paper on whether workplace drug and alcohol polices work features prominently in a systematic review that we are doing on workplace drug testing in Australia.*

Peter Attwood, Federation University, Australia, 20 October, 2015.

#### **National Alcohol and Drug Knowledgebase (NADK)**

*Congratulations on the new Cannabis Section of the NADK. We think the Section is great and we have been tweeting and posting information from the NADK to our networks and followers.*

Amanda McDonald, National Cannabis Prevention and Information Centre, 3 August 2015.

*This is an excellent resource that I will direct my students and registrars to use.*

Associate Professor Michael Baigent, Department of Psychiatry, Flinders University, 8 February, 2016.

*We are extremely pleased that NCETA developed the National Alcohol and Drug Knowledgebase which we (including our Country SA PHN counterpart) find very useful.*

Raj Balasingam, Adelaide Primary Health Network, 23 February 2016.

### **Frontline Workers Training Package**

*Congratulations this is a very good resource and has increased my knowledge on this subject. Thank you for making this much needed package available to frontline workers.*

Aileen Thomas, Kooweerup Regional Health Service, 29 January, 2016.

*This is very comprehensive training and I encourage anyone who works with individuals, families and communities affected by Crystal Methamphetamine to access this free training.*

Christine Minkov, North Coast Primary Health Network, Lismore Office, 3 February, 2016.

*I have been looking for some support for frontline staff in relation to increased incidents and presentations of our client base impacted by Ice use. This training package looks great. Thanks for putting this together.*

Kerri Trevaskis, Nortec, 8 February, 2016.

### **Indigenous Worker Wellbeing**

*I am interested in the area of burnout for Aboriginal health practitioners and what self-care means for us as Aboriginal health workers/practitioners. I am citing your article on Indigenous worker wellbeing and want to thank you for your work this area.*

Tanja Hirvonen, Centre for Remote Health, 27 August, 2015.

*Your Feeling Deadly/Working Deadly resource on Indigenous Worker Wellbeing continues to be in high demand with our Social and Emotional Worker Wellbeing Workforce. It is disseminated regularly to our Social and Emotional Wellbeing Counsellor Network Meetings.*

Sitiveni Rogoimuri, Nunkuwarrin Yunti, 28 January, 2016.

### **AOD Use and Interpersonal Violence**

*Thank you for your fantastic presentation on drug-related family violence.*

Rebecca-Lee Sharkey, South Australian Professional Medical Education Association, 21 October, 2015.

### **Older Australians' AOD Use**

*The practical guide that NCETA has produced for preventing alcohol and other drug use among older people is fantastic and it certainly supersedes anything we had already done-or at least has the information very succinctly in one place. It seems to be the key document for Unit 3 of the Falling Down MOOC and has the most up-to-date available information.*

Anna Nelson, Matua Raki, New Zealand, 15 March, 2016.

### ***Workforce Development Resource Dissemination***

The following workforce development resources were finalised and disseminated in the reporting period:

- 1) *National AOD Workforce Development Strategy 2015-2018*. The Strategy was developed by NCETA at the request of the Intergovernmental Committee on Drugs in recognition of the need for a national focus on workforce development activities for the AOD workforce.
- 2) *Slots & Shots: Gambling Resources for AOD Workers*. Contains a suite of practical gambling resources that AOD workers can use to address the AOD and other risks associated with problematic gambling.
- 3) *Preventing and reducing alcohol- and other drug-related harm among older people: A practical guide for health and welfare professionals*. Designed to help specialist and generalist clinicians to assess and respond to the range of AOD-related harms impacting older people.

### ***NHMRC Assessor: Indigenous AOD Workforce Capacity Building***

Professor Ann Roche was invited to join a National Health and Medical Research Council (NHMRC) Grant Review Panel to assess applications to establish an Indigenous AOD Centre of Research Excellence.

### ***Policy-Related Initiatives***

- 1) Conducted an innovative study to identify the relationship between AOD policies and workers' substance use. The findings have been published in a peer-reviewed paper and have important policy and practice implications for Australian workplaces particularly in relation to implementing effective AOD workplace policies (See Key Focus Areas 2.10.2, p.22 and 6.5, p.40).
- 2) Provided advice and guidance on policy responses to the review of liquor licensing legislation in South Australia (See Key Focus Area 2.11, p.22).



### ***Upcoming Conference Presentations 2016***

- 1) Professor Ann Roche was invited to present on crystal methamphetamine: patterns, prevalence and problems at Eradicating Australia's Ice Epidemic Forum in Brisbane on 25 February 2016.
- 2) Professor Ann Roche has been invited to present at the National Drug Summit being hosted by the Parliamentary Group on Drug Policy and Law Reform in Canberra on 2 March 2016.
- 3) Dr Ken Pidd has been invited to present on reducing alcohol-related harm in manufacturing workplaces at the VicHealth Creating Healthy Workplaces Forum in Melbourne on 23 March 2016.
- 4) Professor Ann Roche and Dr Jane Fischer have been invited by the Queen Elizabeth Hospital to conduct a series of in-service workshops for medical and nursing staff on intimate partner violence and AOD use; AOD use patterns and trends in the community; and drug induced psychosis in March-April 2016.
- 5) Professor Ann Roche has been invited by Middlesex University to give a keynote address on contemporary workforce development challenges for the AOD field at the AOD Workforce Planning Conference in London in April 2016.
- 6) Professor Ann Roche has been invited to deliver the Flinders Investigators Public Research Lecture in Adelaide on 20 April 2016 on preventing drug problems among young people.
- 7) Dr Ken Pidd had a paper accepted for the 10th Annual Conference of the International Society for the Study of Drug Policy (ISSDP) in Sydney in May 2016 on making workplace alcohol and drug policy work.
- 8) Professor Ann Roche was invited to give a presentation on AOD Workforce Development to King's College in London in May 2016.
- 9) Professor Ann Roche was invited to participate in a panel discussion at the NADA 2016 Conference in Sydney on 6-7 June 2016 on workforce planning and development.
- 10) Professor Ann Roche had a paper accepted for the Wellbeing at Work Conference in Amsterdam in June 2016 on improving workplace wellbeing through an alcohol harm reduction intervention.
- 11) Professor Ann Roche was invited to deliver a paper on cocaine and crystal methamphetamine at the 26th Annual Scientific Meeting of the Australian Cardiovascular Health and Rehabilitation Association in Adelaide in August 2016.

### ***Drug and Alcohol Research Connections***

NCETA, in collaboration with NDARC and NDRI, continued to produce the *Drug and Alcohol Research Connections* Newsletter to inform the AOD sector about the three Centres' research, projects, publications and news. See [www.connections.edu.au](http://www.connections.edu.au) for more information.



For further information about NCETA's activities by drug type please see the following Key Focus Areas:

- 1) Alcohol: 2.12; 3.1.5; 3.1.8; 3.1.9; 3.1.10; 5; 6.1
- 2) Cannabis: 4.8; 5
- 3) Methamphetamine: 2.1; 3.1.6; 4.4; 5; 6.7
- 4) Prescribed opioids: 2.9; 3.1.3; 3.1.3

### Conferences/Workshops Photographs

**NADA Workforce Development Planning Workshops, 30 September & 16 November 2015, Sydney**



(L-R clockwise) Professor Ann Roche presenting; Roger Nicholas; Workshop Attendees; Professor Ann Roche; October and November Sydney.

**WANADA/NCETA Methamphetamine Forum, 22 October 2015, Perth**



Top: Ms Jill Rundle Executive, Officer, WANADA; NCETA staff member (Professor Ann Roche)  
Bottom: Forum Attendees, October, 2015.

### Methamphetamine Presentations & Responses in Mental Health Settings: Workshop

9 December, 2015, Adelaide



(L-R clockwise) SA Health staff, NCETA Staff (Professor Ann Roche presenting, Professor Ann Roche & Allan Trifonoff); Workshop Attendees; Presentation Slide; Workshop Attendees

## Key Focus Area 1

### Collaboration

**Project Activity Name:** Participate in the development and maintenance of the Collaborative Network of Alcohol and Drug Research Centres

Please describe the progress that has been made towards this Project Activity during this reporting period in the space below.

#### 1.1. Collaborative Network

NCETA participates in monthly teleconferences with the other members of the Collaborative Network of AOD Research Centres to **explore collaborative opportunities** and provide updates and input to DoH. For example, during the reporting period NCETA collaborated with:

- NDRI and NDARC on an application to establish a Centre for Research Excellence (CRE) in Improved Integration of Aboriginal and Torres Strait Islander Alcohol and Other Drug Interventions in Primary Health Care Contexts (See Key Focus Area 7.4, p.43).
- NDARC on an NHMRC grant application to: identify how treatment funding and purchasing arrangements impact on client treatment outcomes; establish an AOD treatment system database; determine how the database can be used to guide decisions about funding and purchasing AOD treatment services (See Key Focus Area 7.4, p.43).

#### 1.2. Drug and Alcohol Research Connections Newsletter

NCETA produces the bi-monthly online newsletter: *Drug and Alcohol Research Connections* in collaboration with NDARC and NDRI. The newsletter **informs the AOD sector about the Centres' research activities, projects, publications and collaborative initiatives**.

The newsletter is produced by NCETA, NDRI, and NDARC on a rotational basis. During the reporting period NCETA produced the August 2015 edition and made significant contributions to the October 2015 and December 2015 editions of the newsletter. NCETA will produce the February 2016 edition.

#### 1.3. Non-Government Sector Collaboration

NCETA continues to build on existing **partnerships and collaborations with the non-government sector**. Recent examples include:

- NCETA, along with NDARC and NDRI, is a member of the newly formed **Peaks Research Centres Collaboration** which aims to strengthen ongoing links with the NGO sector and enhance the translation of evidence-based research into frontline practice.

- NCETA collaborated with the peak AOD bodies to conduct a ***national professional development needs assessment*** of the AOD workforce in dealing with methamphetamine-related issues (See Key Focus Area 3.1.6, p.25).
- NCETA worked with the Network of Alcohol and other Drug Agencies (NADA) to develop the ***New South Wales Non-Government AOD Workforce Development Plan***.
- Professor Ann Roche was invited by the Western Australian Network of Alcohol and Drug Agencies to ***facilitate a Western Australian Methamphetamine Forum***. The forum aimed to support, raise awareness and build participants' confidence and knowledge in managing methamphetamine related presentations.

#### **1.4. Australian Indigenous AOD Knowledge Centre**

NCETA is working in partnership with the Australian Indigenous HealthInfoNet to ***support and promote the activities of the Australian Indigenous AOD Knowledge Centre*** in reducing AOD-related harms in Aboriginal and Torres Strait Islander communities (See Key Focus Area 4.8, p.33).

## Key Focus Area 2

### Policy Advice

**Project Activity Name:** **Contribute to the development and implementation of AOD policy: Provide timely, accurate and appropriate user-friendly information to policy makers and policy advisors**

Please describe the progress that has been made towards this Project Activity during this reporting period in the space below.

NCETA continues to contribute to the development and implementation of AOD policy at a range of different levels. Examples of the Centre's policy-related activities include:

#### 2.1 Informing Policy Responses to Methamphetamine-Related Issues

- 2.1.1. Professor Ann Roche briefed the *Intergovernmental Committee on Drugs (IGCD)* about the professional development needs of AOD workers in dealing with clients with crystal methamphetamine issues. Professor Roche also informed the IGCD about *NCETA's Ice: Training for Frontline Workers Package*.
- 2.1.2. NCETA's written submission to the *National Ice Taskforce* was cited extensively in the Taskforce's final report released in December 2015. In particular, NCETA's recommendations for reducing the impact of methamphetamine-related harms on the AOD workforce, workplaces and the broader community were highlighted in the Taskforce findings and recommendations for action.
- 2.1.3. Professor Ann Roche gave a verbal presentation to the *Parliamentary Joint Committee on Law Enforcement's Inquiry into crystal methamphetamine* public hearing in Mount Gambier on 28 July 2015. The verbal presentation followed NCETA's written submission to the Inquiry which highlighted the need for a balanced approach involving supply, demand and harm reduction initiatives with a focus on prevention and early intervention.

#### 2.2. Providing Strategic Policy Advice on the Review of the Quality and Appropriateness of Training for the AOD Sector

- 2.2.1. NCETA contributed to the *revisions of the VET units of competency and the Certificate IV and Diploma in AOD courses* through its membership of the CSHIC's AOD Subject Matter Expert Group. The recommended changes have been incorporated into the revised units of competency (See Key Focus Area 4.5, p.32).

#### 2.3. Development of the National AOD Workforce Development Strategy

- 2.3.1. Professor Ann Roche briefed the *ICGD stakeholder Forum* on the *National AOD Workforce Development Strategy* and highlighted the key workforce challenges for the AOD sector that are addressed in the Strategy.
- 2.3.2. The *National AOD Workforce Development Strategy* prepared by NCETA was publicly released in August 2015. Following its release, the Strategy:

- Has been used by NADA to inform the development of the ***New South Wales Non-Government AOD Workforce Development Plan***
- Is being used to inform AOD workforce development ***policy initiatives in New Zealand and the United Kingdom***.

2.3.3. The literature review and discussion paper prepared during the development of Australia's National Workforce Development Strategy continue to be used to inform the international Global Addiction academy Project's (GAaP) ***international workforce development project*** and New Zealand's workforce development initiatives (See Key Focus Areas 2.4.1, p.20 and 4.3.2, p.30).

## 2.4. Influencing International Policy and Practice

2.4.1. NCETA is a ***member of the Global Addiction academy Project (GAaP)*** coordinated by Middlesex University, UK. The GAaP aims to provide an ongoing international forum for shared learning and to explore addiction issues across countries including policy and practice, workforce development, service provision, treatment protocols and research. NCETA provides expert advice on ***the workforce development component of the project*** and is also providing input on the development of a Massive Open Online Course (MOOC) *Falling Down - Older People and Problematic Substance Use*.

## 2.5. Addressing the Needs of High-Risk Youth

2.5.1. NCETA is working with TAFE in South Australia to ***expand our successful AOD harm reduction intervention for new students in the construction industry*** (See Key Focus Area 6.3). NCETA's innovative interventions developed to address the AOD and mental health needs of high risk youth transiting from school to work have been extremely well received by TAFE and workplaces.

Key publications from NCETA's previous work with NSW TAFE in relation to the ***hospitality sector*** include:

Pidd K., Roche, A. M. (2013). *Hospitality training is no piece of cake! Hospitality industry trainees' wellbeing and alcohol and drug use: First years' experiences and responses*. National Centre for Education and Training on Addiction (NCETA). Flinders University, Adelaide, SA.

Roche, A., Pidd, K., & Kostadinov, V. (2014) Trainee chefs' experiences of stress, bullying and coping in commercial kitchens. *Journal of Health Safety Environment*, 30(2): 259-269.

Pidd, K., Roche, A.M., Fischer, J.A. & McCarthy, C. (2014). Risky behaviours, risky work settings: The alcohol and drug consumption patterns, health and wellbeing of commercial cookery trainees. *Journal of Health, Safety and Environment*, 30(2): 293-302.

Pidd, K., Roche, A.M., Fischer, J.A. (2015). A recipe for good mental health: A pilot randomised controlled trial of a psychological wellbeing and substance use intervention targeting young chefs. *Drugs: Education, Prevention and Policy*, 22(4): 352–361.



## 2.6. Supporting the Work of the IGCD

- 2.6.1. Professor Ann Roche contributed to the annual **IGCD Stakeholder Consultation Forum** (See Key Focus Area 2.3.1, p.19) and was invited by the IGCD to present on NCETA's work on the training needs of frontline workers (See Key Focus Area 2.1.1, p.19).

## 2.7. Efficacy of Drug Testing in the Workplace

- 2.7.1. **The Honourable Anthony Lynham**, Queensland Minister for State Development and Minister for Natural Resources and Mines **personally phoned** Dr Ken Pidd to seek advice about workplace drug testing, workplace impairment and the development of evidence-based responses to emerging AOD workplace issues (See Key Focus Area 6.8, p.41).
- 2.7.2. Professor Ann Roche and Dr Ken Pidd provided **advice to Shell Aviation Australia Limited about their workplace AOD (including drug testing) policy**. NCETA has been invited by Shell Aviation Australia Limited to assist with the development and implementation of a strategy to manage and minimise AOD-related risk to safety, productivity, and worker wellbeing.

## 2.8. Workplace Policy and Practice

- 2.8.1. Dr Ken Pidd was invited to present at the Allianz Client Seminar on the **cost of AOD use on workplace productivity and absenteeism** and the use of workplaces as **intervention settings** to reduce AOD-related harm.



(L-R clockwise) Keynote speakers NCETA staff member (Dr Ken Pidd); Mr Ken Lay, Chair National Ice Taskforce; Mr Alan Eade, Ambulance Victoria.

Available on [NCETA's YouTube Channel](#).

- 2.8.2. NCETA conducted an ***innovative study to examine the relationship between AOD policies and workers' substance use***. The findings have been published in a peer-reviewed paper and have important policy and practice implications for Australian workplaces, particularly in relation to implementing effective AOD workplace policies (See Key Focus Area 6.4, p.39)
- 2.8.3. Dr Ken Pidd is ***patron of Foundation House, the construction industry's alcohol, drug and gambling treatment centre***. Foundation House is a not-for-profit organisation comprising construction industry employees, employers, employer groups, unions and representatives from the AOD, medical and legal fields.

## 2.9. Informing the Management of Opioid Medications

Professor Ann Roche continues to ***input into the National Opioid Medication Abuse Deterrence (NOMAD) study***, led by Professor Louisa Degenhardt, NDARC. The aim of the study is to monitor changes in the misuse and diversion of oxycodone in Australia following the introduction of tamper proof products.

## 2.10. Informing Data Collection Systems

Dr Ken Pidd continues to be a member of the ***National Drug Strategy Household Survey Technical Advisory Group*** and is contributing to the content and format of the next survey.

## 2.11. Improving Indigenous Worker Wellbeing

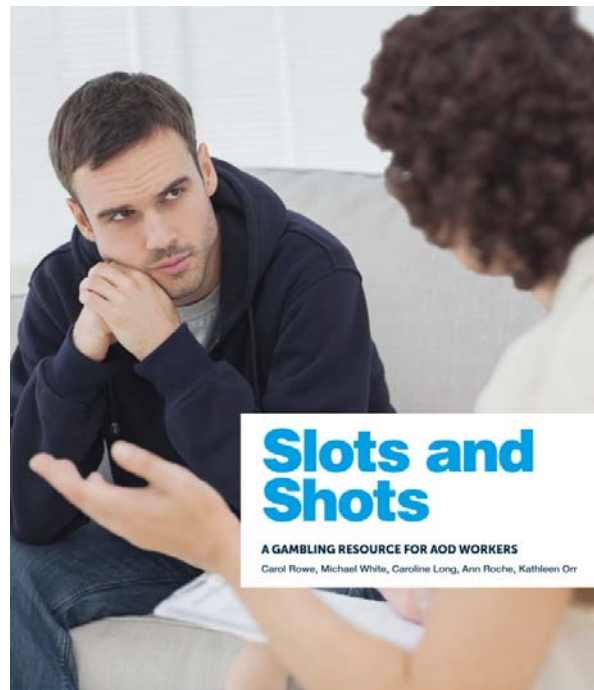
NCETA's program of work to ***support and sustain Indigenous worker wellbeing*** continues to form a substantial component of the Indigenous AOD Knowledge Centre's workforce development and worker wellbeing portals (See Key Focus Areas 4.7 and 4.8, p.32). NCETA also provides regular input on worker wellbeing to Nunkuwarrin Yunti's Social and Emotional Wellbeing Workforce network meetings.

## 2.12. Informing Policy Responses to Liquor Licensing Legislation

Based on its ***extensive review of liquor licensing legislation***, NCETA has been invited by the South Australian Government to attend a consultation meeting with the review team responsible for ***reviewing the South Australian Liquor Licensing Act, 1997***. The meeting, to be held in early March 2016, will also involve other key stakeholders such as the Foundation for Alcohol Research and Education, SANDAS, Public Health Association of Australia, Royal Australasian College of Physicians and Australian Medical Association (SA Branch).

### 2.13. AOD Use and Gambling

NCETA *collaborated with Odyssey House Victoria and SANDAS* to develop a suite of resources to assist the AOD sector to intervene more effectively on AOD/gambling related behaviours. The resultant practice guide ***Slots and Shots: Gambling Resources for the Alcohol and Other Drug (AOD) Sector*** is designed to help AOD workers address the complex problems often experienced by their clients, and highlights the similarities between problem gambling and substance misuse. The resource was launched by the Victorian Gambling Research Foundation on 19 November 2015.



Rowe, C., White, M., Long, C., Roche, A., & Orr, K. (2015). *Slots and Shots: A gambling resource for AOD workers*. Melbourne, Victoria: Odyssey House Victoria.

## Key Focus Area 3

### Research Translation

**Project Activity Name:** Promote best practice and quality in the management of AOD issues via translational research, knowledge transfer and dissemination

Please describe the progress that has been made towards this Project Activity during this reporting period in the space below.

#### 3.1 Develop a Program of Translational Research that Includes Identifying and Distilling Trends, Strategies and Evidence Regarding Effective Practice Change

##### *Opioid dispensing data*

3.1.1. NCETA is **analysing Schedule 8 opioid dispensing data from 2003 to 2013** from the Drugs of Dependence Unit, SA Health. The analyses will be used to: 1) determine trends in dispensing Schedule 8 opioid medications and their various formulations; 2) identify which medicines make the largest contribution to the increased level of opioid consumption in the community; 3) examine the demographic characteristics of opioid recipients; and 4) identify patterns of opioid prescribing.

##### *Drug driving*

3.1.2. NCETA is **examining current trends and issues in relation to drug driving** in Australia. The examination:

- Reviews national and international evidence concerning the **impact of illicit drugs and medicines on road crashes** and the implications for Australia
- Includes a **review of drug driving legislation** across each of Australia's eight jurisdictions.

##### *Data linkage*

As part of its **data linkage program of work**, NCETA is:

3.1.3. Examining the **relationship between WorkCover SA claims** and the use of: 1) **prescribed opioids** prior to and following workplace injury; and 2) **prescribed Schedule 8 opioids and stimulants** and their impact on **motor vehicle accidents** in South Australia. This research will be used to inform policies, strategies and guidelines for reducing risk and improving pain management.

##### *AOD use among older people*

3.1.4. NCETA continued its research program of **examining patterns of AOD consumption and harm among older Australians**. This involved conducting secondary analyses of National Drug Strategy Household data by comparing data collected since 2004. NCETA found that older Australians are increasingly using alcohol at risky levels, experiencing problems from alcohol consumption, and/or consuming cannabis. The findings have key implications for policy makers, health and aged care providers, and AOD service provision.

### ***Alcohol brief interventions***

- 3.1.5. NCETA, ***in collaboration with NDARC and national and international colleagues*** worked on a project aimed at enhancing General Practitioners' (GP) alcohol brief intervention responses. NCETA and NDARC ***conducted pilot studies in Adelaide and Sydney*** to test the feasibility of implementing a large scale multi-site trial of GP facilitated online support for risky drinkers.

### ***Methamphetamine***

- 3.1.6. NCETA has undertaken an extensive program to ***improve understanding of the effects of methamphetamine use and methamphetamine-related treatment issues***. This includes:
- A ***national survey*** to ascertain the professional development needs of frontline AOD treatment workers in responding to methamphetamine clients. The findings of this analysis will inform clinical practices, AOD service provision and workforce development needs.
  - A workshop presentation and participation in a panel discussion on ***methamphetamine use, prevalence and history*** at the Australian Indigenous Doctors Association 2015 Conference in September 2015.
  - Facilitation of a ***Western Australian Methamphetamine Forum*** in October 2015.
  - A presentation on methamphetamine use and prevalence patterns to a ***methamphetamine forum in Alice Springs*** for the Central Australian Youth Link Up Service (CAYLUS) in November 2015.

### ***Systematic review of quality of life (QOL) treatment outcomes***

- 3.1.7. NCETA continues to examine the QOL literature on the ***treatment experiences and outcomes*** of alcohol and other substance users. This includes:
- A systematic review of the QOL of therapeutic community and residential rehabilitation clients. This project synthesises the peer-reviewed literature on QOL measures used to monitor client outcomes and addresses ***whether QOL improves through engagement in a therapeutic community***. A peer-reviewed paper is currently under review.

### ***Systematic review of alcohol education in schools***

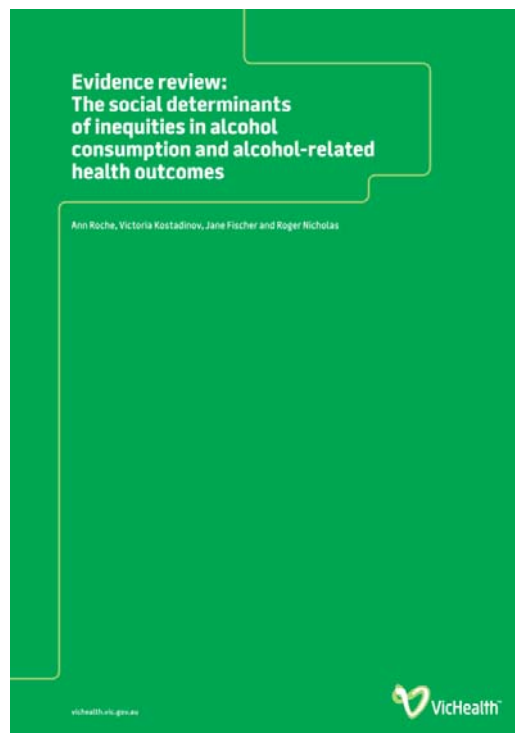
- 3.1.8. Following completion of its ***systematic review of school-based alcohol interventions***, NCETA produced the following publications:
- An information booklet entitled ***Alcohol education: What really works for schools*** provides educators with readily accessible information about programs found to be effective in delaying and/or reducing alcohol use amongst students.
  - A comprehensive report on the systematic review entitled ***Alcohol education for Australian schools: What are the most effective programs?*** The report provides schools with a clear, up-to-date and accessible summary of the international and national evidence about the various approaches to improve evidence-based decision making in relation to alcohol education in schools.

- The following peer-reviewed paper has been published:

Lee, N., Cameron, J., Roche, A.M., & Battams, S. What works in school based alcohol education: A systematic review. *Health Education Journal*. Early Online View Published: 28 January 2016.

### ***Social determinants of alcohol consumption***

- 3.1.9. NCETA completed a literature review of ***alcohol consumption and related harms from a social determinants and inequalities perspective***. This project builds on NCETA's work in this area over the past decade including previously conducting two national conferences on Inequalities and Addiction. The full report entitled *The social determinants of inequities in alcohol consumption and alcohol-related health outcomes* was published in September 2015.



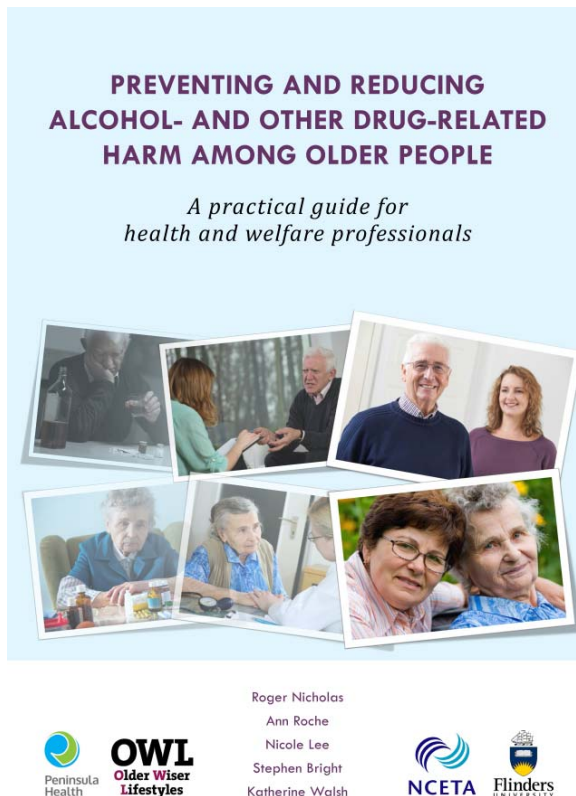
Roche, A., Kostadinov, V., Fischer, J., & Nicholas, R. (2015). *The social determinants of inequities in alcohol consumption and alcohol-related health outcomes*. Melbourne: Victorian Health Promotion Foundation.

The following peer-reviewed paper was published in late 2015 in a special health supplement of Health Promotion International:

Roche, A., Kostadinov, V., Fischer, J., Nicholas, R., O'Rourke, K., Pidd, K., & Trifonoff, A. (2015). Addressing inequities in alcohol consumption and related harms. *Health Promotion International*, 30(Supplement 2), ii20-ii35.

### **Older people and alcohol-related harm**

- 3.1.10. NCETA worked with Peninsula Health, Victoria to develop a **practical guide for specialist AOD and non-specialist clinicians to identify, assess and intervene with older people at risk of experiencing AOD-related harm**. The guide, published in November 2015, has been designed for clinicians in primary health care, general health and welfare services and specialist AOD agencies. It forms part of NCETA's program of research on AOD use among ageing populations (see Key Focus Area 4.5, p.32). It is also being used to inform the content of the international MOOC *Falling Down - Older People and Problematic Substance Use*.



Nicholas, R., Roche, A., Lee, N., Bright, S., & Walsh, K. (2015). *Preventing and reducing alcohol- and other drug-related harm among older people: A practical guide for health and welfare professionals*. Adelaide: National Centre for Education and Training, Flinders University, SA.

### **Community empowerment in Aboriginal communities**

- 3.1.11. In collaboration with NDARC, NCETA is **examining the cost-effectiveness of a community empowerment and positive reinforcement intervention for reducing alcohol-related injury and violence among Aboriginal people** in two rural NSW locations. NCETA has contributed to the development of the data collection instruments and advised the Aboriginal Medical Service (AMS) representatives taking part in the project about the application of our *Feeling Deadly/Working Deadly* Resource Kit within their services.

### 3.2. Translational Research

3.2.1. **Workplace mental health and AOD:** Subsequent to NCETA's *beyondblue* funded project that **addressed mental health and AOD-related issues among workers in male-dominated industries** NCETA has produced a suite of papers. These include:

- Roche, A. M., Lee, N.K., Battams, S., Fischer, J.A., Cameron, J., & McEntee, A. (2015). Alcohol use among workers in male-dominated industries: A systematic review of risk factors. *Safety Science*, 78, 124-141.
- Lee, N., Roche, A.M., Duraisingam, V., Fischer, J., Cameron, J., & Pidd, K. (2014). A systematic review of alcohol interventions among workers in male-dominated industries. *Journal of Men's Health*, 11(2), 53-63.
- Battams, S., Roche, A.M., Fischer, J.A., Lee, N.K., Cameron, J., & Kostadinov, V. (2014). Workplace risk factors for anxiety and depression in male-dominated industries: A systematic review. *Health Psychology and Behavioral Medicine*, 2(1), 983-1008.
- Lee, N.L., Roche, A.M., Duraisingam, V., Fischer, J.A., & Cameron, J. (2014). Effective interventions for high prevalence mental health disorders in male-dominated workplaces: A systematic review. *Mental Health Review Journal*, 19(4), 237-250.

A number of other papers are currently under review (see Appendix 1 - publication list for further details).

3.2.2. **Young workers and AOD:** Following on from our program of work with the NSW TAFE Hospitality sector, NCETA produced a series of papers examining **workplace AOD issues among trainee chefs**. Two papers have been published in the *Journal of Health Safety and Environment* (see Appendix 1 - publications list for details). Another paper on the findings of a **pilot psychosocial and AOD intervention targeting young chefs** was published in *Drugs: Education, Prevention and Policy* (See Key Focus Area 6.3, p.39).

### 3.3. Knowledge Transfer

3.3.1. NCETA released the following resources designed to **enhance the capacity of the AOD sector** to more effectively respond to AOD issues:

- Nicholas, R., Roche, A., Lee, N., Bright, S., & Walsh, K. (2015). *Preventing and reducing alcohol- and other drug-related harm among older people: A practical guide for health and welfare professionals*. Adelaide: National Centre for Education and Training on Addiction.
- Rowe, C., White, M., Long, C., Roche, A., & Orr, K. (2015). *Slots and Shots. A gambling resource for AOD workers*. Melbourne: Odyssey House Victoria.

3.3.2. NCETA's **research publications and associated resources continue to be disseminated** to a wide audience via the Centre's website and conference and seminar presentations. During the past 6 months, NCETA staff:

- Published **9 peer-reviewed publications** and produced **3 reports**. (See Appendix 1 for a list of peer-reviewed papers and other publications).



- Gave **22 conference presentations**
  - Conducted **13 workshops and training sessions**
  - Attended **12 community meetings** with various stakeholders including AOD and child and welfare services, NGO peak bodies, government departments and industry associations
  - Were invited to **write several book chapters.**
- 3.3.3. Examples of the **Centre's conference/workshop/seminar activities** during the reporting period are attached at Appendix 2.
- 3.3.4. Professor Ann Roche and Associate Professor Nicole Lee hold positions on **editorial boards** on several **professional journals** including:
- Addiction
  - Drug and Alcohol Review
  - International Journal of Drug Policy
  - International Journal of Family Medicine
  - Of Substance.
- 3.3.5. Professor Ann Roche, Associate Professor Nicole Lee, Dr Ken Pidd and Dr Jane Fischer act as **peer-reviewers for numerous journals** on a regular basis including:
- Addiction
  - Drug and Alcohol Review
  - Drug and Alcohol Dependence
  - Drugs: Education, Prevention and Policy
  - Australian and New Zealand Journal of Public Health
  - Australian Journal of Rural Health
  - International Journal of Training and Development
  - Prevention Science
  - American Journal of Addictions
  - Australia and New Zealand Journal of Occupational and Environmental Medicine
- 3.3.6. Professor Ann Roche, Dr Ken Pidd and Associate Professor Nicole Lee act as **grant reviewers** for several funding bodies.

## Key Focus Area 4

### Workforce Development

**Project Activity Name:** Provide leadership on, raise awareness and understanding of, AOD workforce development and its implications for the National Drug Strategy

Please describe the progress that has been made towards this Project Activity during this reporting period in the space below.

#### 4.1 National Workforce Development Strategy

The ***National Workforce Development Strategy***, developed by NCETA, was publicly released in August 2015. It is a subset of the National Drug Strategy and is complemented, supported and integrated with a range of other existing national, state / territory, government and non-government strategies, plans and initiatives. The strategy is being used to inform the ***development/revision of state and territory workforce development plans and international workforce development approaches***.

#### 4.2 Providing Tailored Advice and Guidance on Research and Workforce Development to Key Decision Makers in the NGO Sector

- 4.2.1 NCETA, along with NDARC and NDRI, is a member of the newly formed ***Peaks Research Centres Collaboration*** which aims to strengthen ongoing links and enhance the ***translation of evidence-based research into frontline practice***.
- 4.2.2 NCETA was commissioned by NADA to assist it to ***develop the NSW AOD Non-Government Workforce Development Plan***. NCETA conducted a series of consultation workshops for NADA staff and NADA members. The ***outcomes*** of those workshops were used to inform the development of the Workforce Development Plan.

#### 4.3 Increase Key Stakeholder Understanding of the Workforce Development Approach, Theoretical Framework and Applications

- 4.3.1 NCETA was invited by *Te Pou o Te Whakaaro Nui* (New Zealand national centre of evidence based workforce development for the mental health, addiction and disability sectors) to write a chapter on ***changes in the conceptualisation of workforce development*** and their ***implications for mental health and addiction workers, services and sectors***, particularly from Pacific Rim countries for the forthcoming book *Workforce Development Theory and Practice in the Mental Health Sector*.
- 4.3.2 Two background documents prepared by NCETA during the development of the draft National Workforce Development Strategy, (the discussion paper and the literature review), are being used to ***inform the international Global Addiction academy Project's (GAaP) Workforce Project***. NCETA is a member of the *GAaP* Workforce Project, an initiative being led by Middlesex University, UK with

representatives from Matua Raki (New Zealand), Drexel University (United States), University of São Paulo (Brazil), Nordland Hospital Trust (Norway), Ben-Gurion University (Israel), and Clinical Toxicology Service (Albania).

#### 4.4 Ice: Training for Frontline Workers

NCETA has developed, as part of the Victorian Government's Ice Action Plan, a **comprehensive online Training Package on crystal methamphetamine**. The Training Package was launched by the Victorian Acting Premier on 21 January 2016. Within the first three weeks of its release **more than 3,250 workers** from around Australia had enrolled.



NCETA (2015). *Ice: Training for Frontline Workers*. Adelaide: National Centre for Education and Training on Addiction. Available online from [ice.vic.gov.au/icetraining](http://ice.vic.gov.au/icetraining).

Ice: Training for Frontline Workers is designed to meet the workforce and professional development needs of a wide range of frontline workers, including those from the health and welfare, education, criminal justice and transport sectors. It provides information and resources to enhance existing skills and knowledge. There is a specific focus on the identification and care of people who are intoxicated with, and/or withdrawing from, crystal methamphetamine and their families and carers.

It contains 7 Modules and 24 Topics and provides approximately 25 hours of training content.

A broad range of issues are covered in the package including:

- Information about crystal methamphetamine and its use and harms
- How crystal methamphetamine use affects people and communities
- Worker safety and preventing, managing and recovering from crystal methamphetamine-related critical incidents

- Legal issues
- Using crystal methamphetamine with alcohol and other drugs
- Communicating with and supporting people who use crystal methamphetamine
- Preventing and intervening in crystal methamphetamine use
- Organisational responses to crystal methamphetamine.

The training package will continue to be developed and expanded in 2016.

#### 4.5 Vocational Education and Training (VET) in the AOD Sector

NCETA continued to ***inform the content and provision of vocational education and training to the AOD sector*** through its ongoing work with the Community Services and Health Industry Skills Council. ***NCETA's recommendations for revisions to the VET AOD qualifications*** are reflected in the revised Training Package, Units of Competency, and Skills Sets released in December 2015.

#### 4.6 Alcohol and Drug Use in Ageing Populations

NCETA continues to expand its research program to ***assist specialist and generalist health and welfare workers*** to prevent, assess and respond to the needs of older people at risk of experiencing AOD-related harm. During the reporting period NCETA:

- Established an ***Australian Network of Agencies*** with an interest in preventing and responding to AOD problems among older people. The purpose of the Network is to:
  - Promote better understanding, and raise awareness, of AOD issues that impact older Australians
  - Clarify the implications of trends in AOD use among older Australians for the aged care and the AOD prevention/treatment sectors
  - Identify cross-sectoral initiatives and response strategies.
- Worked with ***Peninsula Health*** to finalise and publicly release a practical resource for workers to identify, assess and intervene with older people experiencing AOD-related harm (See Key Focus Area 3.1.8, p.25).
- Continued to liaise with key stakeholders e.g. the aged care services sector and the newly established ***Adelaide Primary Health Network*** on identifying appropriate responses for older people with AOD issues.

#### 4.7 Informing the Provision of Higher Education Training

NCETA has commenced a program of work in collaboration with the ***School of Social Work and Policy, Flinders University*** to explore social work students' attitudes toward and their knowledge, skills and capabilities for working with clients who may present with AOD and/or gambling problems. The findings will be used to inform ***future education and training*** for both social work students and social workers regarding alcohol, illicit drugs and gambling.

#### 4.8 National Cannabis Prevention and Information Centre (NCPIC) Program

As a member of the NCPIC consortium, NCETA undertook an ongoing program of work focusing on the prevention and reduction of cannabis-related harm. This included a focus on **VET sector training on cannabis** to ensure that it is evidence informed and nationally consistent. During the reporting period NCETA continued to:

- Maintain a Community of Practice (CoP) and an online network of VET AOD trainers (comprising more than 70 registered training organisations and individuals) to share resources and evidence-based information. This is the only AOD VET trainers' network in Australia and it provides a unique opportunity to support VET trainers and to **enhance the delivery of VET AOD qualifications** through the development of new, evidence based resources and the dissemination of existing resources. The network of trainers was established as a result of recommendations made in NCETA's earlier report on *Trainers talking training: An examination of vocational education and training for the alcohol and other drugs sector in Australia*, and complements the work of the CoP.
- Disseminate, via the CoP, and the NCETA and NCPIC websites, the VET AOD training resource entitled Cannabis Makes the Grade: A resource to **support the development of a 'cannabis competent' workforce in the AOD sector**. This resource provides guidance to VET practitioners, from frontline trainers and course coordinators through to RTO managers, on where and how to incorporate cannabis-related content into AOD training.

#### 4.9 Indigenous AOD Worker Wellbeing

- 4.9.1 NCETA utilises the Feeling Deadly/Working Deadly Resource Kit to provide regular **ongoing training on worker wellbeing** to the Nunkuwarrin Yunti of South Australia Inc. Social and Emotional Wellbeing Workforce.
- 4.9.2 NCETA is **collaborating with the South Australian Health and Medical Research Institute's (SAHMRI) Wardliparingga Aboriginal Research Unit** and Associate Professor James Ward to explore joint research initiatives aimed at enhancing the wellbeing of the Aboriginal health workforce.

#### 4.10 Indigenous AOD Knowledge Centre

NCETA is a member of the **Indigenous AOD Knowledge Centre**, being led by the Australian Indigenous *HealthInfonet* (AIH). During the reporting period, NCETA contributed information to the Knowledge Centre's workforce development webpage, the AOD Workers' portal and the development of the Knowledge Centre's mobile phone app.

#### 4.11 Collaboration with the Poche Centre for Indigenous Health and Wellbeing

NCETA continues to foster its **collaborative relationship with Professor Dennis McDermott and the Poche Centre for Indigenous Health and Wellbeing** based at Flinders University. During the reporting period, the relationship between the two Centres was further strengthened with the Poche Centre becoming a member of NCETA's newly formed Research Advisory Committee. The two Centres have continued to explore a range of

collaborative opportunities aimed at improving the health and wellbeing of Indigenous health workers.

#### 4.12 Strategic relationships with key stakeholders

NCETA continues to maintain *strategic relationships* with *key stakeholders* with a view to *consolidating and expanding our workforce development related research collaborations and impact* including:

- DoH
- Orygen Youth Health
- University of Melbourne
- TAFE NSW
- TAFE SA
- AIHW
- AIC
- ANACAD
- *beyondblue*
- VicHealth
- Greater Green Triangle  
University Rural Health  
Department
- Odyssey House Victoria
- Middlesex University, United  
Kingdom
- SAHMRI
- ADAC
- State and Territory peak AOD  
organisations
- Safe Work Australia

## Key Focus Area 5

### National Alcohol and Drug Knowledgebase

**Project Activity Name:** Update the National Alcohol and Drug Knowledgebase and expand it to incorporate other drugs

Please describe the progress that has been made towards this Project Activity during this reporting period in the space below.

#### National Alcohol and Drug Knowledgebase (NADK)

An online National Alcohol and Drug Knowledgebase (NADK) has been developed by NCETA at the request of the Australian Government Department of Health to provide **accurate and easy-to-understand information about alcohol and other drugs**. The NADK is hosted on the NCETA website and features a series of frequently asked questions (FAQs) which present data in an easily understood manner. The NADK draws upon a diverse range of existing datasets covering health, social welfare, law enforcement and education issues.

#### NADK Website Statistics

Between 1 July 2015 and 23 February 2016, there were approximately 7,440 visits and 17,797 page views on the NADK website. The majority (6,199 or 83%) of these were new users. Most users were from Australia (66%), while others were from the United States, United Kingdom, Russia, China, Japan and Canada.

#### Total Number of Visitors to the NADK Website (July 2015 - February 2016)

User Type	No. of Visitors	Pages visited per Session	Average Time on Site (mins)
New	6,199 (83%)	2.39	1.54
Returning	1,241 (17%)	3.89	3.55
Total	7,440 (100%)		

To maintain its relevance and accuracy, the **data and content** presented on the NADK are **regularly reviewed and updated** by NCETA.

#### Alcohol

NCETA released the Alcohol Section of the NADK in August 2014. It contains more than 130 FAQs about alcohol consumption patterns, alcohol use and the workplace, alcohol-related harms, the impact of alcohol consumption on crime and violence, alcohol treatment and alcohol consumption by young people. During the reporting period the alcohol FAQs were

updated with data from the 2013 NDSHS. The first update of the Alcohol Section was made publicly available in July 2015. NCETA further updated the alcohol section of the NADK in December 2015.

### ***Cannabis***

The ***cannabis section*** of the NADK was publicly released by NCETA on 27 July 2015. The cannabis section of the NADK contains approximately 90 FAQs on cannabis consumption patterns, legal issues (including information about drug diversion, possession and supply), health-related information (physical and mental health) and Australians' attitudes towards cannabis.

NCETA ***updated*** the cannabis section of the NADK using newly available data in December 2015, prior to the launch of the methamphetamine section.

### ***Methamphetamines***

The ***methamphetamine section of the NADK*** was launched by NCETA on 19 January 2016. It provides health and community welfare practitioners, policy makers, law enforcement personnel and members of the public with relevant and evidence-based information and helps them make sense of the current media spotlight on methamphetamine (and ice in particular).

In releasing the ***methamphetamine section of the NADK***, NCETA undertook the following ***promotional activities***:

- A news item was placed on the NCETA homepage
- An email was sent to NCETA's VET AOD Trainers Network (comprising more than 70 registered training organisations and individuals) – asking them to utilise the information in the Methamphetamine Section of the NADK in their training
- An item was posted on NCETA's VET AOD online Community of Practice
- An email was sent to the peak NGO AOD bodies – asking them to promote the NADK to their members including their member E-News
- Tweets were sent to NCETA's Twitter followers
- An item was posted on Flinders University's News Blog

Articles about the ***methamphetamine section of the NADK*** will be included in the February 2016 edition of the Drug and Alcohol Research Connections newsletter and in the March 2016 edition of the NADA Advocate newsletter.

### ***Pharmaceuticals***

NCETA, in consultation with the Department of Health, is currently working on the development of the pharmaceutical section of the NADK. It is due to be released in the first half of 2016.



## Key Focus Area 6

### Workplace

**Project Activity Name:** Utilise the workplace as a priority setting for AOD prevention and treatment interventions

Please describe the progress that has been made towards this Project Activity during this reporting period in the space below.

#### 6.1 Workplace Reduction of Alcohol Program (WRAHP)

Between 2012 and 2015 NCETA conducted a three year ***trial of a workplace alcohol intervention*** funded through VicHealth. The project involved collaboration with the City of Greater Dandenong's South East Business Network and LeeJen Health Consultants to develop an innovative and comprehensive approach to the ***design, implementation and evaluation of strategies to reduce alcohol-related harm in the workplace.***

The WRAHP intervention was implemented by NCETA within Victorian manufacturing industry workplaces in South East Melbourne and comprised five overlapping components:

1. Development and implementation of an overall policy package
2. Implementation of an employee awareness program
3. Supervisor and manager training
4. Establishment of an employee referral pathway
5. Introduction of a wider employee health, wellbeing, and safety program within which the intervention was embedded.

The project evaluation found that ***tailored interventions that adopt a 'whole of workplace' approach, target workplace cultures, and are designed to fit with daily production demands of the workplace, are effective at:***

- Reducing alcohol-related harm in the workplace
- Raising awareness of workplace policy and procedures
- Increasing access to employee assistance programs.

The WRAHP resulted in a significant decline in:

- The amount of alcohol usually consumed by workers
- The number of workers who came to work with a hangover
- The number of workers who were unaware of their organisation's workplace alcohol policy or the employee assistance program.

The WRAHP intervention ***builds on NCETA's extensive program of research and practice concerning workplace alcohol and other drug issues.*** It forms the basis of NCETA's future work in relation to workplace interventions and policy development and provides empirical evidence of the effectiveness of the NCETA workplace culture model.

The findings from the WRAHP project will be presented by NCETA at VicHealth's *Creating Healthy Workplaces Forum* on 23 March 2016.



NCETA Staff member (Dr Ken Pidd) and participants from the South East Business Network



NCETA Staff member (Ms Jacqui Cameron) and a participant from the South East Business Network

## 6.2 International Historical Review of Employee Assistance Programs (EAP)

NCETA has been ***funded by the United States-based Employee Assistance Research Foundation*** to conduct an international historical review of the development and evolution of EAPs over the past 50 years. The review is being undertaken in ***collaboration with US-based MASI Research Consultants***. NCETA's role will be to examine how EAPs were developed, implemented, and evolved in countries including New Zealand, Australia, UK, Sweden, USA and Canada.

The project involves a literature review, identification and review of EAP-related materials, interviews with key stakeholders, and liaison with key policy organisations such as the

World Health Organization (WHO), International Labour Organization (ILO), and International Council on Alcohol and Addictions (ICAA).

### 6.3 Systematic Review of Mental Health and AOD Issues in Male-Dominated Industries

Building on NCETA's *beyondblue*-funded **systematic review of mental health and AOD issues in male-dominated industries**, a series of peer-reviewed papers examining the prevalence of mental health problems, alcohol problems and risky drinking; workplace risk factors for anxiety and depression; and effective interventions for high prevalence mental health disorders have been completed.

Papers from this program of work include:

- Roche, A. M., Lee, N.K., Battams, S., Fischer, J.A., Cameron, J., & McEntee, A. (2015). Alcohol use among workers in male-dominated industries: A systematic review of risk factors. *Safety Science*, 78, 124-141.
- Lee, N. K., Roche, A., Duraisingam, V., Fischer, J., & Cameron, J. (2014). Effective interventions for high prevalence mental health disorders in male-dominated workplaces. *Mental Health Review Journal*, 19(4). 237-250 DOI 10.1108/MHRJ-09-2014-0034.
- Lee, N., Roche, A.M., Duraisingam, V., Fischer, J., Cameron, J., & Pidd, K. (2014). A systematic review of alcohol interventions among workers in male-dominated industries. *Journal of Men's Health*, 11(2), 53-63.
- Battams S., Roche A. M., Fischer J., Lee N., Cameron J., Kostadinov V. (2014). Workplace risk factors for anxiety and depression in male-dominated industries: a systematic review. *Health Psychology and Behavioral Medicine*, 2: 983–1008.

A number of other papers are currently under review or in preparation (Please refer to Appendix 1 – List of Peer-Reviewed Papers for more detail).

### 6.4 New Entrants to the TAFE Sector

NCETA is expanding its program of work on implementing an **innovative AOD harm reduction intervention for high risk young entrants to the TAFE sector**. The expanded program includes young new entrants into the construction industry in South Australia (See Key Focus Area 2.10.2, p.22).

NCETA has been funded by SafeWork SA to work with TAFE SA to refine, implement and evaluate its AOD harm reduction intervention with construction industry apprentices. The target group for the intervention are first year apprentices enrolled in construction related trades courses (e.g., building carpentry, plumbing and electrical).

The project's objectives are to increase young workers':

- Awareness of the health and safety risks associated with AOD use
- Awareness of counselling, treatment, and support services
- Capacity to identify and respond to workplace and social risk factors for harmful AOD use
- Capacity to identify and respond to workplace bullying and harassment

- Levels of self-esteem and resilience.

### 6.5 Do Workplace Policies Work? An Examination of the Relationship between AOD Policies and Workers' Substance Use

In 2015, NCETA undertook a unique study to *explore the prevalence and impact of AOD policies in Australian workplaces* using a nationally representative dataset. The findings from this study highlighted:

- The importance of *workplace policies as a strategy to prevent or manage AOD related problems* in the workplace
- Ways in which organisations, and particularly those industries with high levels of substance use, can *implement more effective AOD policies* which in turn could result in considerable *benefit to individuals, workplaces and the community*.

The following peer-reviewed paper from this seminal study has been recently published:

Pidd, K., Kostadinov, V., & Roche, A. (2016). Do workplace policies work? An examination of the relationship between AOD policies and workers' substance use. *International Journal of Drug Policy*, 28, 48-54.

### 6.6 Develop and Implement a Strategy to Manage and Minimise AOD-related Risk to Safety, Productivity, and Worker Wellbeing

Building on its work examining the effectiveness workplace AOD policies, NCETA has been commissioned by Shell Aviation Australia to undertake a *gap analysis and risk assessment* of its drug and alcohol policy, procedures and practice. This involves:

- Consultations with key Shell Aviation Australia staff
- Conducting a gap analysis and risk assessment including:
  - A review of Shell Aviation Australia's existing alcohol and drug policies, and procedures
  - An employee survey to identify perceptions of risk, policy/procedure awareness, and workplace/social factors that may contribute to risk
  - Work site visits to observe working conditions and work practices
  - Face-to-face interviews with select key staff to identify current practices and potential strategies

NCETA will produce a report summarising the gap analysis and risk assessment and *assist Shell Aviation Australia to address the identified gaps* by working with key staff to revise the organisation's policies and procedures.

### 6.7 WorkLife: Research into Practice

During the reporting period, NCETA developed and implemented the WorkLife workplace wellbeing program to *assist workplaces to develop and implement effective and sustainable workplace policies and procedures*. The types of services that NCETA is offering to workplaces include:

- Risk assessments to identify existing and potential risks to workplace safety
- Reviews of existing workplace policies
- Creation of customised and best practice AOD policy and policy implementation
- Development and implementation of best practice employee awareness and supervisor and manager training
- Ongoing support, mentoring and monitoring.



## 6.8 Workplace Drug Testing

NCETA's 2014 systematic review of qualitative research concerning the efficacy of drug testing found that the evidence base for the effectiveness of drug testing to improve work safety is tenuous and that better dissemination of the current evidence is required to support evidence-informed policy and practice.

The findings from NCETA's systematic review of research on the efficacy of drug testing was the basis for the Honourable Anthony Lynham, Queensland Minister for Natural Resources and Mines ***personally ringing Dr Ken Pidd to seek advice about the efficacy of workplace drug testing.***

The findings from the systematic review were also used to inform an article by Dr Ken Pidd on ***workplace drug testing as a health and safety strategy*** for InTouch Magazine.

Dr Pidd was interviewed by Sue Lannin from The World Today about the ***introduction of mandatory drug testing in workplaces.*** The interview was in response to concerns expressed by industry groups and trade unions about the impact of methamphetamine on workplaces.

## Key Focus Area 7

### Operate Efficiently and Effectively

**Project Activity Name:** Ensure that NCETA operates efficiently and effectively

Please describe the progress that has been made towards this Project Activity during this reporting period in the space below.

#### 7.1 Membership of National Committees

Professor Ann Roche is a member of the:

- Joint Research Centres / IGCD Executive Meeting
- IGCD Sub-Committee on Workforce Development
- Adelaide Primary Health Network Mental Health and AOD Advisory Working Group
- Drug Trends Advisory Committee overseeing the Illicit Drug Reporting System
- Project Advisory Group overseeing the Experiences of Addiction, Treatment and Recovery project
- Independent Committee overseeing the establishment of a national alcohol and other drugs peak body
- Global Addiction academy Project (GAaP)
- Expert Advisory Group overseeing the establishment of the Queensland Alcohol Harm Prevention Service
- Kettil Bruun Society for Social and Epidemiological Research on Alcohol
- International Network on Brief Interventions for Alcohol and Other Drugs (Inebria)
- Public Health Association of Australia
- National Experiences of Addiction, Treatment and Recovery Advisory Panel.

Associate Professor Nicole Lee is:

- President of the Australian Association for Cognitive and Behaviour Therapy (AACBT), commenced in October 2014 for a three year term.
- A member of the Expert Panel revising the *Guidelines on the management of co-occurring alcohol and other drug and mental health conditions in alcohol and other drug treatment settings*.

Dr Ken Pidd is:

- A Patron of Foundation House, the Construction Industry's alcohol drug and gambling treatment centre.

- A member of the National Drug Strategy Household Survey Technical Advisory Group.

Roger Nicholas is a member of:

- IGCD Sub-Committee on Alcohol.

## 7.2 Peer-reviewed Publication Plan

NCETA continues to expand its comprehensive program of peer-reviewed papers with **9 peer-reviewed papers published during the reporting period** (see Appendix 1).

## 7.3 Establishment of NCETA's Research Advisory Committee

During the reporting period, NCETA's newly established Research Advisory Committee, chaired by Professor Paul Worley, Dean, School of Medicine, Flinders University, met and approved its Terms of Reference. The Committee comprises prominent medical, public health and AOD professionals and:

1. Provides high level advice and input to the **Centre's ongoing research program**
2. Assists in the **identification of emerging research issues** that are relevant to both the Centre and the AOD sector.

## 7.4 Maintain Adequate Funding Levels by Managing the Budget and Seeking Other Sources of Funding where Applicable

NCETA has continued to **actively pursue funding opportunities from a range of sources**. The following grants were awarded to NCETA during the reporting period:

- NCETA has been funded, over three years, by the Victorian Department of Health and Human Services to develop and implement a standard frontline worker Ice training package. The Training package is being developed in collaboration with the Australian College for Emergency Medicine (ACEM), Greater Green Triangle University Department of Rural Health, Harm Reduction Victoria and SANDAS.
- NCETA was commissioned by SafeWork SA to develop, pilot and evaluate a wellbeing intervention for young construction industry trainees attending TAFE SA colleges.
- NCETA was awarded a grant by the US based Employee Assistance Research Foundation to conduct an international historical review of the development and evolution of Employee Assistance Programs (EAPs) in the USA and other countries.
- NCETA was commissioned by the Network of Alcohol and Drug Agencies (NADA) to assist with the development of NADA's Workforce Development (WFD) Plan by facilitating a staff workshop and consultation session with NADA members, and participating in the Expert Advisory Group overseeing the development of the Plan.

- NCETA has been contracted by Shell Aviation Australia to evaluate its drug and alcohol policy, procedures and practice and develop and implement a tailored workplace AOD risk/harm management package.
- NCETA was commissioned by Odyssey House Victoria to develop an online training package and associated resources to enhance the competency of AOD workers to identify, assess and intervene with clients who have gambling issues.

During this period NCETA has submitted and/or is working on the following funding applications:

- NCETA partnered with NDRI, NDARC, the South Australian Health and Medical Research Institute, the University of Sydney Medical School, the Central Australian Aboriginal Congress and Nunkuwarrin Yunti on a funding application to the Minister for Aboriginal Affairs to improve the integration of alcohol and other drug and primary health care services for Aboriginal clients.
- NCETA partnered with Odyssey House Victoria on an application to the Australian Government Department of Human Services to develop and deliver an online training resource and train-the-trainer sessions on family and domestic violence to trainers and social workers in the Department of Human Services.
- NCETA collaborated with NDARC on an NHMRC grant application to examine how treatment funding and purchasing arrangements impact on client treatment outcomes and to establish an AOD treatment service system database.
- NCETA developed a funding submission to Indivior to conduct an innovation dissemination process to enhance the skills and knowledge of prescribers in identifying and responding to patients experiencing pharmaceutical opioid use problems.



## Next Reporting Period

Please indicate what your goals are for the next reporting period.

NCETA will continue to focus on achieving the key activities outlined in the Annual Work Plan during the period January 2016 to June 2016.

Priority will be to:

- **Continue to expand our program of work** aimed at supporting the AOD treatment sector to respond to methamphetamine-related issues by:
  - **Finalising the national and jurisdictional reports** on the findings from a professional development needs analysis of the AOD sector.
  - **Conducting training workshops** for AOD, mental health, Indigenous health (e.g. Indigenous doctors) and broader health and welfare workers and law enforcement personnel.
- **Expand our social media** (e.g., Twitter, Facebook) presence to promote NCETA's research activities and findings and to disseminate NCETA publications and resources to the AOD sector.
- Continue to develop our program of work in **addressing AOD issues among older Australians**.
- Continue to expand our collaborative opportunities with the AOD, welfare and law enforcement sectors to **implement a series of training workshops for frontline workers**.
- Assist workers and organisations **to identify and respond to family and domestic violence**.
- Continue to expand our program of work addressing the **AOD and mental health needs of high risk and vulnerable youth in workplace settings**.
- **Expand the National Alcohol and Drug Knowledgebase** to include the pharmaceutical drugs components.
- Undertake a secondary analysis of NDSHS data **to examine workplace AOD-related issues** and develop and implement a series information resources for workplaces.
- Continue to work with our **international partners on the GAaP** to finalise and implement an international Massive Open Online Course (MOOC) Falling Down - Older People and Problematic Substance Use.
- Contribute to the development, monitoring and updating of the **Australian Indigenous AOD Knowledge Centre's web resource**.
- Continue to work with NDARC and NDRI to produce the **Drug and Alcohol Connections Newsletter**.

## Additional Information

Please provide any additional information that you would like to report in relation to the Project (e.g. evaluation data that you have collected this reporting period).

### Media Activity

During the reporting period, NCETA **contributed to the ongoing AOD policy debate by providing expert information and advice to electronic and print media outlets** on a wide range of issues. Select examples include:

- Professor Ann Roche was interviewed by a wide range of national and international electronic and print media outlets (e.g., Channel 9 – Today; Radio stations 5AA and 3AW, the Adelaide Advertiser, The Age) about **the cost of drug and alcohol absenteeism to the Australian economy**.
- Professor Ann Roche was interviewed by The Australian, Indaily (online Adelaide independent news service), Peter Goers, ABC Radio 891 and Radio Adelaide 5AA about the **Cannabis Section of the National Alcohol and Drug Knowledgebase**.
- Professor Ann Roche was interviewed by regional newspapers in Northern New South Wales and rural Queensland and ABC Radio (Eyre Peninsula and West Coast) on the **impact of economic and social disadvantage and unemployment on alcohol and other drug use (and in particular crystal methamphetamine) in regional communities**.
- Professor Ann Roche was interviewed by Channel 7 and Channel 9 following the South Australian Methamphetamine Forum **about the trends, implications, and evidence-based options available to respond to methamphetamine affected clients**.
- Professor Ann Roche and Dr Stephen Bright, Curtin University published an article in the Conversation on **increasing alcohol use among older Australians**.
- Dr Ken Pidd was interviewed by Sue Lannin from The World Today about the introduction of **mandatory drug testing in workplaces**.
- Dr Ken Pidd was interviewed by ABC TV for a documentary on **crystal methamphetamine**.
- Associate Professor Nicole Lee wrote an article in the Conversation on the issue of **mandatory treatment and drug diversion programs** for methamphetamine users.
- Associate Professor Nicole Lee was interviewed by ABC Radio (Adelaide) and the Ballarat Courier about **illicit drug use and drug treatment services in regional areas**.
- Associate Professor Nicole Lee was interviewed by ABC Radio National, the South China Post and Vice Media Australia about **treatment options for methamphetamine users**.
- Associate Professor Nicole Lee was interviewed by Indaily (online Adelaide independent news service) about the importance of **early intervention**,

***specialist treatment and post-treatment aftercare*** in responding to people using crystal methamphetamine.

- Associate Professor Nicole Lee was part of a panel discussion on SBS TV's Insight program on the ***effects of methamphetamine and recovery and treatment options***.

### Student Supervision

- ***Chris McGowan*** submitted his PhD dissertation: The cost of hospital care at the end of life.
- ***Preparation*** for the commencement of a PhD by medical Honours student ***Laalithya Konduru*** examining Intimate partner violence among LGBTI communities.

### Engagement with the law enforcement sector

During the reporting period, NCETA:

- ***Worked with representatives from Victoria Police*** to develop a section of the online training package Ice: Training for Frontline Workers specifically tailored to police needs.
- ***Continued to liaise with key members of SAPOL's Traffic Support Branch*** on a data linkage project examining the relationship between Schedule 8 opioid and stimulant use and collisions in South Australia.

## **Appendix 1: Peer-Reviewed Papers & Publications**

### **Peer-Reviewed Papers**

Papers published or in press during the reporting period:

#### **Peer-Reviewed Publications: July 2015 – December 2015 (Published)**

Roche, A., Kostadinov, V., Fischer, J., Nicholas, R., O'Rourke, K., Pidd, K., & Trifonoff, A. (2015). Addressing inequities in alcohol consumption and related harms. *Health Promotion International*, 30(Supplement 2), ii20-ii35.

Roche, A.M., & Kostadinov, V. (2015). Sweet leaf, a lifelong love affair: Prevalence and predictors of cannabis use among Australian baby boomers. *Drug and Alcohol Review*, 34 (Supplement 1), 55.

Roche, A.M., & Kostadinov, V. (2015). Ageing in the 21st century: Alcohol and other drug use among older Australians. *Drug and Alcohol Review*, 34 (Supplement 1), 56.

Roche, A.M., McEntee, A., Fischer, J., & Kostadinov, V. (2015). Unravelling methamphetamine use and its impact in Australia. *Drug and Alcohol Review*, 34 (Supplement 1), 56.

Pidd, K., Kostadinov, V., & Roche, A. (2016). Do workplace policies work? An examination of the relationship between AOD policies and workers' substance use. *International Journal of Drug Policy*, 28, 48-54.

Pidd, K., & Roche, A.M. (2015). Age and gender differences in levels of cannabis use and beliefs about cannabis use in Australia from 2004 to 2013. *Drug and Alcohol Review*, 34 (Supplement 1), 53.

Pidd, K., & Roche, A.M. (2015). Methamphetamine use in the workplace: Implications for prevention and treatment. *Drug and Alcohol Review*, 34 (Supplement 1), 54.

#### **Peer-Reviewed Publications: July 2015 – December 2015 (Early Online View)**

Roche, A.M., Pidd, K., & Kostadinov, V. Alcohol- and drug-related absenteeism: A costly problem. *Australian and New Zealand Journal of Public Health*. Early Online View Published: 10 August 2015.

Lee, N., Cameron, J., Battams, S., & Roche, A.M. What works in school based alcohol education: A systematic review. *Health Education Journal*. Early Online View Published: 28 January 2016.

#### **Publications under review**

Roche, A.M., Duraisingam, V., Fischer, J.A., & Lee, N. Prevalence of alcohol use disorders amongst males employed in male-dominated industries: a systematic review. (*International Journal of Mental Health and Addiction*).

Roche, A.M., Duraisingam, V., Fischer, J., Pidd, K., & Lee, N. Alcohol, men and work: a systematic review of the prevalence of risky drinking amongst male workers working in male-dominated industries. (*Substance Use and Misuse*).

Roche, A.M., & Kostadinov, V. Bongs and Baby Boomers: Trends in cannabis use among older Australians. (*Australasian Journal on Ageing*).

Roche, A.M., & McEntee, A. Ice and the Outback: Patterns and Prevalence of Methamphetamine Use in Remote Australia (*Australian Journal of Rural Health*).

Roche, A.M., Pidd, K., Fischer, J.A., Lee, N., Scarfe, A., & Kostadinov, V. Men, work and mental health: A systematic review of depression in male-dominated industries and occupations. (*Safety and Health at Work*).

Roche, A.M., Pidd, K., Kostadinov, V., & Duraisingam, V. Patterns and prevalence of methamphetamine use among Australian employees (*Australia and New Zealand Journal of Public Health*).

Fischer, J.A., Roche, A.M., Kostadinov, V., & Battams, S. Women, work and risky alcohol consumption: a national population comparison of male-dominated, female-dominated and mixed gender industries. (*Addictive Behaviors*).

Fischer, J.A., Roche, A.M., & Kostadinov, V. Measuring the quality of life of residential rehabilitation program clients: a systematic review of instruments. (*Journal of Substance Abuse and Treatment*).

### **Book Chapters**

Roche, A.M., & Nicholas, R. (in press). Mental health and addictions workforce development: Perspectives, paradigms and paradoxes. In Ed: Smith, M. *Workforce Development Theory and Practice in the Mental Health Sector*. IGI Global.

Roche, A.M., Kostadinov, V., & Fischer, J. (in press). Stress and Addiction. In Eds: Cooper, C., & Quick, J.C. *The Wiley Handbook of Stress and Health: A Guide to Research and Practice*. Wiley Blackwell.

### **Peer-reviewed Papers in Preparation**

Cameron, J., Pidd, K., Lee, N., & Roche, A.M. The challenges of implementing alcohol and drug policy in busy manufacturing workplaces.

Fischer, J.A., Roche, A.M., McEntee, A., & Nicholas, R. Health and human service workers' compensation claims associated with violence and aggression in the workplace across time.

Fischer, J.A., Najman, J.M., Clavarino A.M., Plotnikova, M. Medication use and quality of life of adolescents and young adults: findings from an Australian birth cohort. (*International Journal of Drug Policy*).

Fischer, J., Najman, J., & Clavarino, A. A systematic review of the quality of life of adolescent and young adult drug users.

Kostadinov, V., Pidd, K., & Roche, A.M. Alcohol- and drug-related absenteeism in the Australian workforce: Prevalence and predictors.

McEntee, A., Roche, A.M., Fischer, J.A., & Nicholas, R. Older workers and workers compensation data across time.

Roche, A.M., & Kostadinov, V. Older Australians' Alcohol Use - when a tippie is too much: Patterns and predictors of alcohol consumption among older Australians.

Roche, A.M., Pidd, K., Fischer, J.A., Lee, N., & Scarfe, A. Men, work and mental health: A systematic review of depression and anxiety in male-dominated industries and occupations.

Roche, A.M., Kostadinov, V., Pidd, K. Are ice users different to other methamphetamine users?

Roche, A.M., Fischer, J., Kostadinov, V., Nicholas, R., Pidd, K. Work-related injury and subsequent prescribed opioid use and adverse harms: Methodology.

### Other NCETA Publications

Other publications completed during the reporting period:

Pidd, K. (2015). Workplace drug testing as a health and safety strategy. *InTouch*, 32(6), 9.

Roche, A., Kostadinov, V., Fischer, J., & Nicholas, R. (2015). *The social determinants of inequities in alcohol consumption and alcohol-related health outcomes*. Melbourne: Victorian Health Promotion Foundation.

Roche, A. (2015). What role does the alcohol and other drug (AOD) treatment sector play in reducing family and domestic violence? *NADA Advocate*, Issue 3: September 2015.

### NCETA Reports

The following NCETA reports were completed and/or publicly released between July 2015 and December 2015:

Nicholas, R., Roche, A., Lee, N., Bright, S., & Walsh, K. (2015). *Preventing and reducing alcohol- and other drug-related harm among older people: A practical guide for health and welfare professionals*. Adelaide: National Centre for Education and Training on Addiction.

Rowe, C., White, M., Long, C., Roche, A., & Orr, K. (2015). *Slots and Shots. A gambling resource for AOD workers*. Melbourne: Odyssey House Victoria.

## **Appendix 2: NCETA Conference/Workshop/Seminar Presentations**

**July 2015 – December 2015**

1. NCETA staff presented the following papers at the 2015 APSAD Conference:
  - Roche, A., & Kostadinov, V. (2015). *Sweet leaf, a lifelong love affair: Prevalence and predictors of cannabis use among Australian Baby Boomers*. Presentation, APSAD Annual Scientific Alcohol and Drug Conference, Perth, 10 November.
  - Roche, A., McEntee, A., Fischer, J., & Kostadinov, V. (2015). *Unravelling Methamphetamine Use and its Impact in Australia*. Presentation, APSAD Annual Scientific Conference, Perth, 9 November.
  - Roche, A., & Kostadinov, V. (2015). *Ageing in the 21st century: Alcohol and other drug use among older Australians*. Presentation, APSAD Annual Scientific Alcohol and Drug Conference, Perth, 10 November.
  - Pidd, K., & Roche, A. (2015). *Methamphetamine use in the workplace: Implications for prevention and treatment*. Presentation, APSAD Annual Scientific Alcohol and Drug Conference, Perth, 9 November.
  - Pidd, K., & Roche, A. (2015). *Age and gender differences in cannabis use and beliefs in Australia 2004 to 2013*. Presentation, APSAD Annual Scientific Alcohol and Drug Conference, Perth, 11 November.
  - Cameron, J., Pidd, K., Lee, N., & Roche, A. (2015). *Assessing the inaccessible: Engaging male-dominated workplaces in alcohol and drug intervention programs*. Presentation, APSAD Annual Scientific Alcohol and Drug Conference, Perth, 11 November.
  
2. Other conference/seminar/workshop presentations by NCETA staff include:
  - Roche, A. (2015). *Methamphetamine Use: Presentations & Responses in Mental Health Settings*. Presentation, Central Adelaide Local Health Network Mental Health Directorate Workshop, Adelaide, 9 December.
  - Roche, A., & Pidd, K. (2015). *Drugs and alcohol use in the workplace: Issues and strategies*. Presentation, ACS Residential Care Forum, Adelaide, 3 December.
  - Roche, A. (2015). *Key trends, findings and implications NCETA's research: Workplace & Older People – Life Course Transitions*. Presentation, Australian Government Department of Health, Canberra, 2 December.
  - Roche, A. (2015). *Methamphetamine Use in Australia: Effects and Consequences*. Presentation, Mannum Community Ice Forum, Mannum, 30 November.
  - Roche, A. (2015). *What's Age Got to do with it? Alcohol and illicit drug use among older populations: Emerging trends and implications*. Paper presented at the Older People Dual Diagnosis Conference St Vincent's Hospital, Melbourne, 26 November.
  - Nicholas, R. (2015). *Crystal methamphetamine (Ice) use in Australia: What the data tells us about patterns of use & users*. Presentation, Northern Community Ice Forum, Mawson Lakes, 25 November.

- Roche, A. (2015). *Frontline Worker Methamphetamine Training Package*. Presentation, Psychiatric Disability Services of Victoria (VICSERV), Melbourne, 25 November.
- Roche, A., & Nicholas, R. (2015). *National Alcohol and Other Drug Workforce Development Strategy (2015-18)*. Presentation, NADA Members' Workshop: NADA Workforce Development Plan, Sydney, 16 November.
- Roche, A., & Nicholas, R. (2015). *Overview of current issues impacting on the Alcohol and other Drugs Sector*. Presentation, NADA Members' Workshop: NADA Workforce Development Plan, Sydney, 16 November.
- Roche, A., & Nicholas, R. (2015). *Potential NADA Workforce Development Plan layout and content*. Presentation, NADA members' Workshop: NADA Workforce Development Plan, Sydney, 16 November.
- Roche, A. (2015). *Frontline Worker Methamphetamine Training Package*. Presentation, Intergovernmental Committee on Drugs Melbourne, 12 November.
- Roche, A. (2015). *National Alcohol and Other Drug Workforce Development Strategy (2015-18)*. Presentation, Intergovernmental Committee on Drugs Stakeholder Forum, Melbourne, 11 November.
- Roche, A. (2015). *Methamphetamine Use in Australia: Current patterns and trends, and their implications for treatment and intervention*. Presentation, Ice and Central Australia: From Research to Practice, Alice Springs, 4 November.
- Nicholas, R. (2015). *Alcohol and prescription and illicit drug use and harms among older Australians: Trends and harms*. Presentation, Repatriation General Hospital Inservice, Adelaide, 2 November.
- Roche, A., & Kostadinov, V. (2015). *Cannabis use among older Australians: Prevalence, patterns and predictors*. Presentation, SA Population Health Conference, Adelaide, 31 October.
- Roche, A. (2015). *Methamphetamine Use in Australia: What the data tells us about patterns of use and users*. Presentation, WANADA/NCETA Methamphetamine Forum, Perth, 22 October.
- Roche, A. (2015). *Family Violence Associated with Drug Addiction*. Presentation, SAPMEA Symposium: Addiction, Dependency and Those Affected, Adelaide, 20 October.
- Pidd, K., & Roche, A. (2015). *Shell Aviation Australia workplace drugs and alcohol strategy*. Presentation, Shell Management Briefing, Melbourne, 8 October.
- Roche, A., & Kostadinov, V. (2015). *Bongs and baby boomers: Prevalence and predictors of cannabis use among older Australians*. Presentation, National Cannabis Conference, Melbourne, 7 October.
- Pidd, K., & Roche, A. (2015). *Changes in cannabis use and related beliefs in Australia from 2004 to 2013*. Presentation, National Cannabis Conference, Melbourne, 7 October.



- Roche, A. (2015). *Methamphetamine Use in Australia: Issues for Frontline Workers*. Presentation, Metropolitan Fire and Emergency Services Board (MFB) Work Health and Safety, People and Culture Conference, Melbourne, 6 October.
- Roche, A., & Nicholas, R. (2015). *Standard Frontline Worker Ice Training Package*. Presentation, Department of Health and Human Services Consultation Forum, Melbourne, 1 October.
- Pidd, K. (2015). *"Ice": A brief overview*. Presentation, Australian Indigenous Doctors Association Conference - Ice Workshop, Adelaide, 17 September.
- Roche, A., & Nicholas, R. (2015). *Overview of current issues impacting on the Alcohol and other Drugs Sector*. Presentation, NADA Workforce Development Plan: Staff Workshop, Sydney, 30 September.
- Roche, A., & Nicholas, R. (2015). *National Alcohol and Other Drug Workforce Development Strategy (2015-18)*. Presentation, NADA Workforce Development Plan: Staff Workshop, Sydney, 30 September.
- Pidd, K. (2015). *Drugs & alcohol in the workplace: Minimising risk to safety & productivity*. Presentation, Allianz Client Information Session, Melbourne, 10 September.
- Roche, A. (2015). *Consultation to inform the development of the Standard Frontline Worker "Ice" Training Package*. Presentation, DHHS Consultation Forum, Melbourne, 18 August.
- Nicholas, R. (2015). *Alcohol and prescription and illicit drug use and harms among older Australians: Trends and harms*. Presentation, Clinical Pharmacology Seminar, Flinders University, Adelaide, 6 July.
- Roche, A.M. (2015). *Crystal methamphetamine (Ice) use in Australia*. Presentation, ACT Consultation Forum, Canberra, 2 July.

