NATIONAL DRUG AND ALCOHOL RESEARCH CENTRE

Annual Report





AND FIVE-YEAR REVIEW OF ACTIVITIES



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Foreword

I have much pleasure in commending this report to the reader. The Centre has much to be proud of in its achievements. Success brings, however, new challenges. We are keen to take up these challenges and are presently addressing them through our strategic planning process.

I would like to take this opportunity to thank all who have contributed to the work of the Centre, especially over the last three years, the Board, the staff led by Professors Wayne Hall and Richard Mattick, our conjoint appointments, Collaborating Centres, government departments and our wider network of stakeholders. It has been a wonderfful team effort.



Kevin Rozzoli Chairman

Board of Management



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Director's Report

The attached report is derived from the submission to the Fifth Review of the National Drug and Alcohol Research Centre at the University of New South Wales, as part of the 2002 Evaluation of the National Research Centres funded under the Australian Government Department of Health and Ageing.

The last review was a Triennial Review and was reported on in October 1997. It covered the period from 1994 to June 1997 inclusive. This review covered the period from July 1997 to June 2002, a period of five years. Several sections from the original review document have been expanded to ensure that this report captures all of the relevant information for 2002. These sections include publications, presentations, staffing and grants from external sources.

We have decided to use the submission in this way as the information comes in a timely fashion to represent the achievements of this Centre, not just in the current year, but for the five or so years preceding that time. It is a useful summary of the work conducted by the Centre in one document providing a good overview of the achievements of the Centre and of the Centre staff.

We are extremely proud of the work which has been carried out over the past five years. This document stands as a benchmark of our achievements in the past and hopefully is an indication of the work we will continue to do into the future.

Of course, NDARC relies on the assistance of many other important individuals and research centres both nationally and internationally to achieve our goals. We hope to continue working with our current collaborators, and to develop new ties and relationships, to ensure that we may continue to assist in increasing the effectiveness of the Australian treatment response to drug problems.



Richard Mattick



The National Drug and Alcohol Research Centre (NDARC) was established at the University of New South Wales in May 1986 with funds provided by the Government of the Commonwealth of Australia to undertake research into the methods of intervention to improve the health of persons affected by drug and alcohol use. NDARC is a multidisciplinary research centre. It collaborates with staff of the schools of medicine, social sciences and other schools of the University of New South Wales, and with other institutions and individuals in Australia and overseas. Facilities at the Centre include a local area computer network accessing a wide-area campus network, a Document Archive with an extensive bibliographic database, and seminar and conference facilities.

In addition to research projects currently being carried out within the Centre, NDARC engages in collaborative projects with other researchers throughout Australia to provide a national focus for research in this field. NDARC also has links with researchers overseas.

Other activities include an Annual Symposium, special conferences, workshops and monthly research seminars, which are open to workers in the field. As well as contributing to scientific journals and other publications, NDARC produces its own Research Monographs and Technical Report Series. In conjunction with the National Drug Research Institute in Perth, it also produces a free quarterly newsletter, CentreLines, to increase communication between the national research centres, other researchers and workers in the drug and alcohol field in Australia.

Mission Statement.

The overall mission of NDARC is:

"by research and related activities to contribute to the minimisation of the harmful consequences of alcohol and other drug use in Australia by increasing the effectiveness of the Australian treatment response to drug-related problems".

In order to increase the effectiveness of the Australian treatment response to drug problems, four goals need to be achieved:

The key goals of NDARC are to:

- Improve our understanding of the nature and extent of drug-related harms to which treatment should be directed;
- Increase the range of treatment and intervention methods that are effective in reducing identified forms of drug related harm;
- Increase knowledge among treatment providers about which treatment programs are effective and which patients are most suited to them; and
- Increase the community's knowledge of appropriate and effective treatment programs for drug and alcohol problems.

The terms of reference and the performance indicators for the 1997–2002 Review of NDARC are set out overleaf and are addressed in turn.





1. Current strategic planning processes, goals and priorities

The first term of reference addresses four performance indicators, specifically current strategic planning processes for staff and workplace procedures, workplans to achieve the Centre's goals and priorities, methods for project management, and collaboration in the planning process with the other two Centres.

1.1 Planning and development of personnel and procedures

1.1.1 Planning of the personnel complement of the Centre.

The National Drug and Alcohol Research Centre takes a planned approach to development and the maintenance of a suitably skilled and competent workforce.

The Centre currently has the aim of maintaining at least ten senior post-doctoral research staff within the Centre's staff complement (usually in academic positions, but also in senior general staff positions) to meet the demands for quality research activities in the drug and alcohol area. These ten post-doctoral positions are separate from our conjoint academic staff and from the honorary research fellow positions.

NDARC also aims to have a substantial number of research officers at different levels able to meet the needs of research projects, and to allow for appropriate succession of staff through the research officer levels. Some of these research staff will progress to become the new leaders of NDARC research efforts, a succession that is encouraged and supported.

The administrative staff of the Centre are very important as a resource for the effective functioning of NDARC, and NDARC's plan to review the duties of these staff in order to maintain a suitably qualified administrative staff has been a recent focus of work. Succession plans are to be developed in the near future.

Currently, there are nine academic positions, two further academic positions in the form of NH&MRC clinical research fellowships, and two post-doctoral researchers employed in the Centre. In terms of research staff, there are approximately thirty research officers employed at various levels. There are six administrative staff members.

Additionally, NDARC has four Conjoint Academic Appointments at Senior Lecturer and Associate Professor level, and a further eight Research Fellows who contribute significantly to the work of the Centre.

1.1.2 Development of personnel.

NDARC's intellectual capital is its prime resource for the

production of relevant research in a timely and reliable manner. Maintenance of a secure and happy workplace, where an emphasis is placed on staff development and occupational health and safety, is paramount in maintaining this intellectual capital. In recognition that NDARC's most valuable asset is its staff, the National Drug and Alcohol Research Centre adheres to the guidelines of the University of New South Wales (UNSW) for staff development, and the Centre takes advantage of the range of courses offered by the University to develop the skill-base of these staff. These approaches are detailed below.

• Support for formal studies: Staff are strongly encouraged and supported in the pursuit of relevant postgraduate tertiary qualifications (e.g., Master of Public Health, Master of Psychology, doctoral degrees, etc.). Staff are provided with study time and examination leave under the UNSW policy which provides assistance to staff who are undertaking studies which the Centre considers appropriate to their current positions and to develop their potential to meet future need within the Centre. NDARC has been successful in obtaining ongoing government support for three specific PhD scholarships to fully support full-time doctoral scholars.

This process of routine encouragement and support of postgraduate study has been successful in providing NDARC with a source of suitably skilled staff. Evidence for this claim of success comes from the number of current academic staff (Dr Jan Copeland, Dr Louisa Degenhardt, Dr Kate Dolan, Dr Jo Ross, Dr Catherine Spooner, Dr Wendy Swift) and senior research staff (Dr Libby Topp), all of whom have undertaken their doctoral degrees while working as research staff at the Centre.

■ UNSW Career Development Scheme: As a further way of ensuring NDARC has an effective workforce, all Centre staff now participate in the formal UNSW *Career Development Scheme* (developed from the earlier Staff Appraisal Scheme), which is designed to provide all staff with the opportunity to plan and implement career development opportunities to enhance their skills at NDARC and to enhance career opportunities within the Centre.

■ **Staff training courses:** The Centre strongly encourages all staff to enrol in staff training courses offered by the UNSW (either the Faculty of Medicine or the UNSW more generally) and elsewhere. To achieve participation in staff training courses, a senior staff member (Dr Libby Topp) has the role of gathering and collating information about training courses, and then informing and organising staff participation. This training is usually provided free to the Centre either in-house or through external training courses.



Included over the recent past are courses in areas such as:

- intermediate and advanced word-processing;
- database and spreadsheet software (Access, Excel, etc.);
- statistics packages (e.g., SPSS, SAS, geographical software, etc.);
- literature search software;
- conference and seminar presentation skills and use of MS PowerPoint;
- UNSW accounting procedures;
- UNSW Staff Orientation;
- staff management skills;
- grievance resolution procedures (separately for general staff and for management);
- superannuation/financial planning and salary sacrificing; and
- more generic workplace skills and competencies (e.g., first aid and first-attack fire-fighting training).

• UNSW Special Studies Program (SSP): NDARC academic staff are able to take advantage of the UNSW Special Studies Program, which is available to productive researchers and used solely for the furtherance of their research. Currently, Dr Teesson is on internal release as a part of a special program.

• **Staff progression:** NDARC participates in the normal UNSW *staff progression* processes which provide staff with incremental progression within each level based on satisfactory performance of duties. General staff in research officer roles are able to realise career progression within the Centre, by taking on increasingly more independent research duties and changing employment level to higher positions on new projects as the opportunity arises. Academic staff may apply for progression between levels in recognition of excellent research performance (e.g., from Lecturer to Senior Lecturer, etc.).

1.1.3 Planning and development of procedures.

The use of the policies and procedures of the UNSW is augmented by local initiatives at NDARC.

• **Regular Board of Management meetings** are held four times per year to advise the Board of progress in work and to seek assistance or advice in dealing with any issues that arise for the management of the Centre.

• **Regular staff and research meetings** are held, with monthly staff meetings for the exchange of information on NDARC activities and monthly meetings of the Research Committee. The Research Committee is comprised of all senior research staff and includes general staff and doctoral student representatives.

■ An NDARC Orientation Manual provides an overview of the Centre's operation, the relevant policies and procedures including authorship of research documents, in-house staff training and development, grievance procedures, and explanation of work role responsibilities.

• A manual on Interviewer Safety In The Drug And Alcohol Field: A Safety Protocol And Training Manual For Staff of the National Drug And Alcohol Research Centre, endorsed by the Research Committee, addresses staff safety and incorporates an incident reporting procedure and register. This manual is an innovation of NDARC and has been taken up by similar research organisations. All staff will be introduced to the manual at induction.

1.2 Operational Workplans

1.2.1 Strategic Plan 1997-2002.

The Centre's operations are guided by the NDARC *Mission Statement and Key Goals*, as currently presented in the *National Drug and Alcohol Research Centre Strategic Plan 1997-2002.* This Strategic Planning document is revised in timing with the NDARC Review Process. A new NDARC *Strategic Plan 2003-2007* will be developed as a consequence of the current Review process, to take account of NDARC's achievements to date, the NDS research priorities and relevant recommendations from the Review.

1.2.2 Key Goals.

As noted earlier, the key goals of NDARC involve improving the understanding of the nature and extent of drugrelated harms; increasing the range of treatment and intervention methods that are effective in reducing harm; increasing knowledge among treatment providers about which treatment programs are effective and which patients are most suited to them; and increasing the community's knowledge of appropriate and effective treatment programs for drug and alcohol problems.

1.2.3 Annual Workplan.

The mechanisms to achieve the goals outlined in the *NDARC Strategic Plan 1997–2002* are specified each year using the complementary Annual Workplan. The Annual Workplan content is determined by a process of discussion and exchange of ideas between staff within the Centre and our conjoint appointments, research fellows, and Collaborating Centres. These ideas are then, in turn, discussed with the members of the NDARC Board of Management and the senior staff of the Branch of the Department of Health and Ageing. Areas of common inter-

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est and relevance to the NDS are thereby identified and research methods to address the issues raised are subsequently developed. Areas that are not funded by the Commonwealth Department of Health and Ageing are then developed to be submitted to other funding bodies.

1.3 Project management principles

1.3.1

The Centre academic staff ensure that projects conform to a number of procedural guidelines for research.

- The project management approaches used adhere to the Joint NH&MRC/AVCC Statement and Guidelines on Research Practice addressing issues of project selection, initiation and organisation, forecasting, planning and scheduling, budgeting, risk-management, communication and monitoring, management and evaluation, reporting, auditing, and project termination.
- The UNSW Ethics Committee and other institutional ethics committees have strict requirements for the management and reporting of research projects, which are adhered to by NDARC staff as required.
- Other research principles such as those embodied in the Therapeutic Goods Administration *Guidelines to Clinical Research Practice* are utilised as needed.
- These guidelines are complemented by additional documents such as the Interviewer Safety In The Drug And Alcohol Field: A Safety Protocol And Training Manual For Staff of The National Drug And Alcohol Research Centre.

1.3.2

NDARC holds monthly Research Committee meetings, and twice monthly in-house seminar series to monitor the progress of projects.

- The Research Committee is the main administrative body of the Centre comprised of the Director, the Executive Director, Deputy Director, the academic staff, a PhD student representative, the Media Officer and the Professional Officer. The Research Committee process of review allows for regular checks on the progress of projects, and a regular review of the progress of PhD candidates and the assessment of the Centre's success in enacting its Strategic Plan.
- In-house seminars provide staff at NDARC with information about the projects being conducted and the results of those studies as they come to hand. In-house seminars also provide a useful forum by which to seek collegial input this can cover all types of issues from research design to analyses and interpretation.

1.3.3

The Centre has a formal internal process of initiating and monitoring the development of NH&MRC grants, including external peer review prior to submission. This activity is augmented by having a staff member take on the role of informing research staff of the range of additional potential funding bodies and the relevant guidelines.

Additionally, in 2001, NDARC put in place a strategic process for generating research grant ideas and funding, in addition to the annual workplan projects agreed with the Commonwealth. The major impetus for establishing this process was agreement that NDARC could apply for competitive research funding from NH&MRC, provided there was no overlap between projects funded by the Commonwealth Department of Health and Ageing and projects for which NH&MRC funding is being sought. This agreement was formalised in a letter from Professor McLachlan on behalf of the NH&MRC Centre for Research Management, dated 24 November 1999 (ref: 98/26418), to the Executive Director of NDARC. Given that NDARC had been previously blocked from applying for NH&MRC funding by the NH&MRC Access Committee, an internal process was required for developing expertise within the centre in successfully applying for competitive research funding from a number of funding bodies, including NH&MRC. This process provides all NDARC staff with the opportunity to contribute innovative research ideas, within the strategic framework for research approved by NDARC's Research Committee, essentially comprising senior academics and staff.

1.4 Collaboration of development of plans between Research Centres

The three centres (NCETA, NDRI and NDARC) have distinct but at times overlapping roles and expertise. In order to minimise duplication and foster collaboration, a number of steps are taken by NDARC staff.

- The Centres exchange workplans as they are developed and finalised. Upon invitation, NDARC staff provide advice on the development of other Centres' workplans.
- The Centres conduct collaborative research (NDRI is a collaborating Centre of NDARC), or collaborate in the development of relevant products and materials where such opportunities are identified.
- The three Centre Directors have regular teleconferences to identify and progress collaborative research activities, and this process further informs the staff of the Centres of common research interests and opportunities.



- The Centres cooperate in the publication of a newsletter with national and international distribution, *CentreLines*.
- The Centres exchange annual reports of their research activities and achievements.
- Centre staff have the opportunity to interact in ad-hoc ways when they meet at the national APSAD conference and at international conferences.

2. The relationship of activities to NDARC and NDS goals and priorities

The second term of reference addresses two performance indicators, specifically the relationship of current and projected activities to the stated goals and priorities of the Centres and the extent to which they reflect, and can inform, current and emerging priorities under the National Drug Strategy.

2.1 Relevance of NDARC Workplan projects to objectives in Strategic Plan

NDARC Workplans are set out to address the objectives in the Strategic Plan.

- The Workplan (For Workplan see Appendix One) relies on the NDARC Strategic Plan Mission Statement, the Key Goals and related Activities, and the research priorities to define new work directions.
- Inspection of the Workplan shows that there are no projects conducted by the Centre staff that do not fall within the Strategic Plan Key Goals and Activities, or are not consistent with the Research Objectives.

2.2 Evidence that research has led to policy formulation and the development of programs to achieve the identified goals and priorities

NDARC staff have had a close relationship with policy makers at the government and service provision levels. A large number of initiatives over the past five years have had a direct impact on policy formulation, and some indicative examples of these activities and the application of NDARC research are presented below.

Dance party resources. In 1997, the Commonwealth Department of Health and Family Services funded NDARC to conduct the National Ecstasy/Dance Party Project. This study aimed to determine current levels of MDMA-related harms and the need for interventions in three states across Australia. As a direct result of this research a series of resources were developed under the banner - 'Project E'. These included a venue information guide and an information resource for potential ecstasy users. These federally funded resources were the first of their type anywhere in the world and were disseminated nationally.

- **Opioid pharmacotherapies including methadone.** NDARC staff have been at the forefront of the collection of original research and the synthesis of research information relevant to the use of methadone in Australia (and internationally for the past ten years).
 - **Reviews of methadone treatment.** The early substantial and highly successful monograph entitled *Key issues in methadone maintenance treatment* (Ward, Mattick and Hall, 1992) was an important resource for state/territory and national policy development in this controversial area, and it was updated in the review period and republished as an international monograph entitled *Methadone maintenance treatment and other opioid replacement therapies* (Ward, Mattick and Hall, 1998).
 - **NEPOD.** The findings from the National Evaluation of Pharmacotherapies for Opioid Dependence (NEPOD) resulted in a number of recommendations to the IGCD and Ministerial Council on Drug Strategy with respect to the provision of pharmacotherapies for heroin dependence. This multi-trial, multi-site study facilitated by NDARC provided a number of clear recommendations that detoxification therapies must be linked to continuing treatment and that, of all the pharmcotherapies for detoxification, buprenorphine was the most cost effective as well as flexible to post detoxification treatment linkage. Other recommendations that have direct policy implications include ensuring there is a role for general practitioners in a shared care model, and that methadone should be continued to be used as a key method of maintenance therapy given that it was the most cost effective option of those available. Key among the recommendations was that a number of treatment options should be available.
 - Harms of methadone. The published work of NDARC on the prevalence and harms of the injection of methadone syrup in NSW was a major factor in the decision of the NSW Health Department to withdraw 10 and 20ml syringes from distribution in NSW needle and syringe programs in 1998, in order to reduce the prevalence of this harmful practice.
 - **Registration and PBS listing of buprenorphine.** The investigation of buprenorphine as a pharmacotherapy for the management of opioid dependence was a significant activity for NDARC in



the period that is the focus of the current review. NDARC staff conducted the largest randomised controlled trial of buprenorphine against methadone. This trial has had a major role in the registration of the medication in Australia; NDARC staff wrote the Expert Report for the registration of the medication via the Therapeutic Goods Administration. Additionally, Professor Mattick provided expert advice to the Pharmaceutical Benefits Advisory Committee on the role of medication for the management of opioid dependence. The medication was registered for the treatment of opioid dependence and subsequently listed on the Pharmaceutical Benefits Scheme.

- **Opioid pharmacotherapies resources.** NDARC (Ms Susannah O'Brien, with Professor Mattick and Mr Paul Dillon) has been commissioned by the Commonwealth Government to disseminate the findings of the NEPOD project. The aim of the dissemination strategy is to ensure that balanced, accurate information regarding opioid dependence and intervention strategies is made available to health care providers, senior administrators, drug and alcohol workers, clinicians, opioid users, the media and the general community. Four resources are to be produced: two booklets (one targeting users and one targeting their families and significant others), an on-line resource targeting frontline workers, and a CD-ROM/overhead presentation package, containing an overview of NEPOD findings and clinical implications, to be used as a key resource in the delivery of information and training to clinicians and other health service staff.
- National Minimum Dataset for Clients of Alcohol and Other Drug Treatment Agencies (NMDS-**AODTS).** NDARC staff developed the methodology, conducted the feasibility study and lobbied the Commonwealth Department of Health and Ageing to fund the development and pilot testing of the specialist alcohol and other drug items for the National Health Data Dictionary. This national collection is now in its third year. This has been followed by the development of the Brief Treatment Outcome Measure for Alcohol and Other Drug Treatment Services (BTOM). The preliminary work for this project led to two Technical Reports, one with an international collaborator. The routine collection of the BTOM is now mandatory in publically funded opioid maintenance pharmacotherapy clinics in New South Wales and the measure is being

refined for use in detoxification, counselling and rehabilitation services across the range of drug types.

- Adolescent cannabis users experiences and expectations of school drug education The NSW Department of Education and Training commissioned research to identify the adolescent cannabis users' experiences and expectations of school drug education. This work was published as a departmental monograph and was used to inform the development of the Department's cannabis drug education strategy.
- The National Comorbidity Project reflects the high levels of comorbidity between drug and alcohol use disorders and mental disorders and was undertaken as a joint initiative of the Commonwealth and NDARC with the purpose of informing policy. It is a unique initiative, bringing together policy-makers in both mental health and the drug and alcohol fields to develop an evidence-based response.
- Heroin overdose. NDARC has led the research in Australia and internationally into the patterns, correlates and causes of opioid overdose deaths. The extensive work of the Centre on the causes and circumstances of heroin overdose resulted directly in the first specific intervention to reduce the morbidity and mortality associated with heroin overdose, the "Don't Slow it Alone" campaign. This campaign, conducted conjointly by the South Australian Drug and Alcohol Services Council and NDARC, was the first specific intervention on overdose in the world. A major component of this campaign was a change in police protocols for attendance at overdoses in South Australia, and subsequently in NSW. The materials have subsequently been distributed in all Australian jurisdictions, and in the United Kingdom. Specific state-based overdose campaigns have also arisen out of the NDARC work in this field.
- The Illicit Drug Statistics Conjoint Appointment. The appointment of an academic to a specific illicit drug statistics position has had direct policy relevance in providing information on the number of heroin users in Australia and heroin-related harms.
- Benzodiazepines. NDARC has published extensively on the prevalence and harms of the injection of benzodiazepine tablets by injecting drug users.
 - A recent result of this research has been the introduction in 2002 of a requirement of an Authority to Prescribe for temazepam 10mg capsules, in order to reduce the harm associated with the injection of these capsules.
 - NDARC is further assisting within the policy development area by assessing the impact of this Authority

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to Prescribe for temazepam on prescribing and injecting practices.

- The Illicit Drug Reporting System. Since 1996, NDARC has coordinated the Illicit Drug Reporting System (IDRS), Australia's strategic early warning system designed to detect emergent trends in illicit drug markets. On an annual basis and across every state /territory, data from a number of sources relating to illicit drug use and associated harms are triangulated to provide comparable 'snapshots' of illicit drug markets.
 - Since its inception, the IDRS has successfully broadened the knowledge base from which evidencebased policy decisions and drug control strategies can be developed. For example, the IDRS has provided detailed information on recent patterns and trends in drug use at the jurisdictional level, for which there is demand from policymakers in the health and law enforcement sectors.
 - Prior to the implementation of the IDRS in Tasmania, policy decisions in that jurisdiction were usually based on data collected from other, larger jurisdictions that had the funding and dedicated bodies to conduct specialist research. The IDRS clearly demonstrated that smaller jurisdictions such as Tasmania and the NT have patterns of illicit drug use that are substantially different from those of the larger jurisdictions. Thus, by providing locally relevant information, the IDRS significantly improved the information base for drug policy in Tasmania.
 - For numerous other examples in which IDRS data have constituted an appropriate evidence base from which to develop policy, please see: Topp, L. & McKetin, R. (in press) *Supporting evidence-based policy-making: A case study of the Illicit Drug Reporting System. Bulletin on Narcotics.*
- Diversion. A range of projects relating to the diversion of drug offenders have been commissioned relevant to policy development:
 - Production of a strategic review of drug diversion programs for NSW Police;
 - Involvement in the evaluation of the COAG Illicit Drug Initiatives (diversion) for the Commonwealth Dept of Finance and Administration (with Health Outcomes International);
 - Review of diversion and treatment options for Aboriginal and Torres Strait Island youth arrested for alcohol-and-other-drug-related crimes in each jurisdiction of Australia for the ANCD (with Siggins Miller Consultants); and

- Involvement in jurisdictional diversion programs: DAAP in SA (with Siggins Miller Consultants) and MERIT in NSW.
- Psychostimulants. In response to an increase in cocaine use in Sydney, a needs assessment was conducted (survey of users, survey of services and literature review) and a response initiated. The policy response by NSW Department of Health included: identification and development of resources (information and protocols) for health, welfare and law enforcement agencies; a forum was conducted to increase service capacity to respond to cocaine problems; and development and trial of a brief intervention for cocaine users.
- Police role in NDS. In response to concern about the police role in the harm reduction (HR) and demand reduction (DR) aspects of harm minimisation, NDLERF commissioned a research project to: investigate what police are doing in relation to illicit drug HR/DR (identified via national consultations with police, health and users) and what research suggests should be done (identified by literature review); and produce documents and resources to assist frontline police and policy-makers to improve the police role in this area.

3. Do NDARC goals and activities reflect the needs of key stakeholders?

3.1 Regular liaison with stakeholders

NDARC staff liaise regularly with stakeholders in a number of ways, and through our extensive collaborations (details of collaborations are set out later in this document). Examples of our regular liaison are provided below.

- NDARC staff attend and present on a regular basis to the Intergovernmental Committee on Drugs (IGCD), the NEACID, NEACA, and other Expert Advisory Groups as invited.
- Key stakeholders have been represented on the NDARC Board of Management, including:
 - the Assistant Secretary of the Branch of the Department of Health and Ageing which funds the Centre (Ms Sue Kerr);
 - the Chair of the Intergovernmental Committee on Drugs and Queensland Department of Health Representative (Mr Keith Evans);
- the Director of the NSW Department of Health Drugs Program Bureau (Dr Jennifer Gray);
- the Dean of the UNSW Faculty of Medicine; (Professor Bruce Dowton) and



- the UNSW Deputy Vice-Chancellor, Research and International, (Professor Elspeth McLachlan).
- NDARC has extensive relations with treatment providers, members of staff in health departments, and to a lesser extent with users groups. However, regular contact with drug users is achieved through the very large number of users interviewed for research projects, and community members through the frequent talks/seminars given to community groups. Health professionals, illicit drug users, family members, and community members are often involved in focus testing of resources.
- Projects which are funded through competitive mechanisms (e.g., NH&MRC, NDLERF, etc.) have a separate formal reporting mechanism, but are usually developed in a process that has input from stakeholders.
- Where possible, regular telephone or face-to-face conferences on project progress are held. For example, using just a sample of some current and recent past indicative projects the extent of liaison can be gauged as quite substantial:
 - In the three-year National Evaluation of Pharmacotherapies for Opioid Dependence (NEPOD) project, there were quarterly teleconferences with all of the jurisdictional representatives over the three-year life of the project. There was separate liaison with the funding body on a regular frequent basis to discuss progress and to identify impediments. Obviously there was extensive liaison with the investigators.
 - In the current National Evaluation of Pharmacotherapies for Opioid Dependence (NEPOD) dissemination project there are regular teleconferences with the funding body, and other key stakeholders (treatment professionals, families of users and users groups and users) are included in the development of the products from the project.
 - There are bimonthly teleconferences on progress over the current *Management of Alcohol Dependence (MAD)* project to update staff of the Department of Health and Ageing on the progress of the project. A national expert panel was formed who receive material regularly to review.
 - The staff on the trial of *Two brief interventions for cannabis problems among young offenders in NSW*, meet face-to-face quarterly with the funding body and

investigators. A written quarterly report is provided to the State and Commonwealth Attorney-Generals and an annual report to the NSW Department of Juvenile Justice. The project was presented twice last year to the Department of Juvenile Justice Collaboration Research Unit.

- Staff on the Implications for health and law enforcement of increased availability of potent forms of methamphetamines project liaise weekly via email and telephone to the CHDA, IGCD, Australian Customs Service, NSW Police Service and the funding body NDLERF. Six-monthly progress reports are provided.
- The staff on the *Illicit Drug Reporting System* (IDRS) project liaise as required and provide a six-monthly provisional progress report to the funding body NDLERF. Six-monthly Steering Committees and an Annual Conference are held with the State and National Health Departments. Annual reports and brief quarterly bulletins are provided nationally and to each jurisdiction. Via telephone, the IDRS liaises with approximately 60 NSW key informants who work directly with clients, and these are important key stakeholders.
- The Brief Treatment Outcome Measures (BTOM) project staff have monthly face-to-face meetings with the NSW Department of Health and are involved in the Monitoring and Outcomes Project (MOP) which meet monthly face-to-face. A report is provided to the NSW Department of Health quarterly.
- The Randomised trial of naltrexone, methadone and counselling in NSW prisons study staff meet every two months with stakeholders from the Department of Health, NSW Corrections Health/Corrective Services staff and prison representatives.
- The Follow-up study of subjects in a randomised controlled trial of methadone treatment in prisons project staff meet face-to-face six-monthly with the stakeholders, NSW Department of Health, NSW Corrections Health and Department of Corrective Services. A six-monthly report is provided to the funding body (NH&MRC).
- The staff on *Global Indicators Project* liaise via email, telephone and meet as required with the NSW Cabinet Office, Office of Drug Policy.



3.2 Evidence that stakeholder needs are considered in determining activities

The needs of stakeholders are considered in NDARC activities.

- The Branch of the Department of Health and Ageing which funds the Centre has direct input to the major initiatives in the NDARC Workplan on an annual basis and frequently initiates new projects outside this cycle.
- Stakeholders from federal/state/territory governments often determine our activity by virtue of their funding initiatives or requests for research assistance. To the extent that their initiatives reflect the broader stakeholders, so do those of NDARC.

3.3 Evidence of projects commissioned by stakeholders

NDARC has been highly successful in securing funding for projects commissioned by stakeholders. The details of NDARC projects for 2002 including the funding source and the amount of funding is presented in Appendix 1.

3.4 Impact at community level

NDARC research has been instrumental in the alteration of drug policy and intervention procedures and has raised and informed the discussion of drug problems at the community level. In fact, in an area where the policy is frequently polarized, NDARC research is frequently able to provide balance to the debate. NDARC's focus on evidence has impacted on the information available at the community level. Examples of this form of impact are found in the following:

- NDARC's high media profile has raised the level of debate and information provided through mass media.
- The extent of heroin overdose deaths is much better understood at the community level through the extensive coverage of the subject through mass media driven substantially by NDARC research findings.
- Community action teams initiatives at the community level are informed by NDARC research such as the IDRS and allow a better basis for approaches to adopt and drug problems to target.
- The IDRS has had a major impact on awareness of drug trends at the community level.
- NDARC has distributed hundreds of thousands of brochures to the community over the past six years informing the community of the nature of, and ways to assist with, numerous licit and illicit drug problems.
- The *Quitting Cannabis Strategy* has been broadly disseminated by staff of the Centre to primary health care workers.

- The availability of buprenorphine in Australia is largely reliant on NDARC research involvement. NEPOD has had a significant impact on the quality of the debate on pharmacotherapies for opioid dependence.
- The debate on the medical uses of cannabis has been directly influenced by NDARC work.

4. Quality of research and products produced

4.1 Excellence and leadership in research, nationally and internationally

The fact that the work conducted by Centre staff is highly valued is evidenced by the fact that it is widely cited by both national researchers and international groups (see Section 4.3 below).

NDARC has led the field in studying areas of drug overdose patterns/correlates and causes, effectiveness of opioid pharmacotherapies, illicit drug use trends, prison drug research, mental health/comorbidity and substance use, health effects of cannabis and intervention for cannabis use, health economics and treatment effectiveness, as well as the value of injecting centres, and other new initiatives.

4.2 Research appearing in prestigious journals and other publications

The Centre staff publish NDARC work in a range of quality international and national peer-review scientific journals. These journals include:

- Addiction (formerly British Journal of Addiction);
- Drug and Alcohol Dependence;
- British Journal of Psychiatry;
- The Lancet;
- AIDS;
- Journal of Personality Disorders;
- Drug and Alcohol Review;
- Medical Journal of Australia;
- Australian and New Zealand Journal of Public Health; and
- Australian and New Zealand Journal of Psychiatry.

NDARC authors publish regularly in *Drug and Alcohol Dependence* and *Addiction*, two of the most prestigious and most cited international journals in the drug and alcohol field.

Since its inception, NDARC has published its work extensively in a number of formats. To date there have been:

- 600 scientific articles in peer-review journals;
- 276 books/book chapters/government reports/conference proceedings;
- 142 technical reports; and
- 49 monographs.





Figures for the period 1997–2002 are as follows:

- **307** scientific articles;
- 136 books/book chapters/government reports/conference proceedings;
- 103 technical reports; and
- 20 monographs.

The scientific articles, books/book chapters/government reports/conference proceedings, technical reports, and monographs are presented at Appendices 2–5.

For further information on NDARC peer-reviewed articles, please see the following:

http://notes.med.unsw.edu.au/ndarc.nsf/website/ Publications.articles

For further information on NDARC books, book chapters and government reports, please see the following:

http://notes.med.unsw.edu.au/ndarc.nsf/website/ Publications.books

For further information on NDARC Technical Reports, please see the following:

http://notes.med.unsw.edu.au/ndarc.nsf/website/ Publications.reports

For further information on NDARC Monographs, please see the following:

http://notes.med.unsw.edu.au/ndarc.nsf/website/ Publications.monographs

4.3 Citations of Centre staff in Social Sciences Citation Index

The works of the Centre are extensively cited in the scientific and clinical literature.

- The published works of the Centre were cited 4,620 times by authors of scientific publications over the period 1997-2002. This rate represents an average of 924 citations per year, or 77 citations per month in the scientific literature.
- The impact of the Centre's work on the drug and alcohol field is illustrated by the fact that the works that Professor Wayne Hall (Director 1994-2001) produced whilst at the Centre have placed him among the top 0.5% of cited authors in the scientific literature.

4.4 Appearances of personnel as key speakers at conferences, seminars and workshops both nationally and internationally

Many NDARC staff members have been invited to present their research at conferences, both here and overseas. Some of the international conferences include:

 Annual Scientific Meeting of the U.S. College on Problems of Drug Dependence (CPDD);

- International Conference on the Reduction of Drug-Related Harm;
- International Conference on Nightlife, Substance Use and Related Health Issues;
- Australian National Methadone Conference;
- APSAD Conference; and
- Australian Health Economist Conference.

Full details of all conference and other presentations since 2000 can be found in Appendices 7 and 8, and the details for presentations prior to that time are presented in NDARC Annual Reports.

4.5 Evidence that research has led to policy formulation

This performance indicator was addressed at 2.2.

4.6 Research funds from prestigious sources (e.g., competitive research funds)

NDARC staff have been blocked from applying as first investigators to the NH&MRC until the recent past (see earlier). However, in the period of the review, NDARC staff were successful in securing research funds from a number of peer-review and prestigious competitive grant schemes.

The Drug Abuse Research and Evaluation Advisory Committee:\$210,317	
• The Research into Drug Abuse Program: \$882,696	
The National Drug Law Enforcement	
Research Fund:\$877,116	
• NH&MRC:\$2,768,297	

Allocation for base-line core funding from the Commonwealth Department of Health and Aged Care for the financial year 2001/02 was \$1,243,728. This was expended as follows:

	2000–1 \$	2001-02 \$
Salaries	933,965	933,739
Operational	262,798	278,400
Equipment and Furniture	23,892	31,589
Total	1,220,655	1,243,728

Expenditure during 2002 of funds from external grants awarded to NDARC was \$3,198,450. Details of these grants may be found in Appendix 2.



4.7 Uptake of other products developed by NDARC

4.7.1

Resources/pamphlets: A series of resources has been developed by NDARC that continue to be extremely popular with workers in the field and drug users. These resources or pamphlets, which are based on the results of projects conducted at the Centre, are as follows:

- Steroid Facts
- An Injecting Drug User's Guide to Benzos
- A Users Guide to Speed
- Ecstasy: Facts and Fiction
- Heroin
- What you need to know about methadone and other treatment options
- What's the deal on grass? Cannabis facts for young people
- What's the deal on grass? Cannabis facts for parents
- What's the deal on grass? Talking to a young person about cannabis
- What's the deal on quitting? A do it yourself guide
- Club Drugs
- Cocaine: Cutting it fine
- Drugs: Just the Facts

Another resource, written for the Commonwealth Government, Quitting Cannabis, comprised a Client booklet and a Clinician guideline, and is distributed through NDARC.

The volume of sales in the four months from January to April 2002, was such that over 22,000 copies of NDARC resources were sold to a variety of agencies across Australia and New Zealand, including government and non-government agencies, schools, doctors' surgeries and private businesses. The Community Drug Information and Public Libraries Project, a joint initiative between the State Library of NSW, Health Information Service and the NSW Premier's Department, recently chose a selection of our resources to be part of a package to go to over 500 libraries across NSW.

4.7.2

Exhibitions: In 2003 an exhibition on 'Drugs' will be presented by the Historic Houses Trust of NSW in association with NDARC. Mr Paul Dillon is a consultant to the exhibition and it is proposed that it will provide a broad overview of the historical, social, legal and medical perspectives of drug use in Australian society. There is every likelihood that this exhibition will be displayed nationally, thus providing a valuable opportunity to disseminate some of NDARC's research findings to the general public.

5. Building capacity to undertake research and disseminate knowledge

This term of reference addresses the need to make progress in the building of the national capacity and expertise required to undertake research and the development of projects in the area of prevention, treatment and workforce development regarding harmful drug use and dissemination of knowledge and information.

5.1 Number of new researchers per year working on Centre projects

The numbers of staff per year working on projects in the Centre for the financial years of the Review (1998 = 31, 1999 = 29, 2000 = 42, and for 2001 = 49) are presented in Appendix 6. The current year staffing of 53 positions is presented below.

Staff List 2002





Claire ThetfordDoctoral Student
Emma Black
Courtney BreenResearch Officer
Elizabeth ConroyResearch Officer
Sandra Fairbairn
Julia FawcettResearch Officer
Saul GerberResearch Officer
Jenny GatesResearch Officer
Nicky HendersonResearch Officer
Kate HetheringtonResearch Officer
Sharlene KayeResearch Officer
Erin KellyResearch Officer
Jo KimberResearch Officer
Etty MatalonResearch Psychologist
Katherine MillsResearch Officer
Heather NivenResearch Officer
Kate PryceResearch Officer
Heather ProudfootResearch Officer
Amanda RoxburghResearch Officer
James Shearer
Evelyn WilhelmResearch Officer
Anna WilliamsonResearch Officer
Bethany WhiteResearch Officer
Julie HodgeCentre Re <mark>ce</mark> ptionist
Josephina KimPersonal Assistant to the Director

Conjoint Appointment

Andrea Mant	.Associate Professor
Alex Wodak	Senior Lecturer
James Bell	Senior Lecturer
Catherine Spooner	Senior Lecturer

Visiting Fellows

Robert AliVisiting Fellow	
Ross CoomberVisiting Fellow	
Linda Gowing	
Wayne HallVisiting Professor	
John HowardVisiting Fellow	
Nadia SolowijVisiting Fellow	
Ingrid Van Beek	
Deborah Zador	

5.2 Number of postgraduate students under Centre supervision

As noted earlier, an important part of NDARC's activity is to supervise students undertaking postgraduate degrees. There have been 28 PhD candidates graduated or in progress. There are 10 masters/honours students.

Specifically, seventeen PhD candidates have completed studies since NDARC began operation, with eight of these completing their research and graduating in the past five years. Two masters students and three honours students also successfully completed work toward their degrees in this review period. These students are listed below, along with their research thesis title.

Currently, sixteen postgraduates, 11 enrolled in a PhD candidature, and five enrolled in Masters degrees, are currently being supervised by the academic staff at NDARC. These students are listed below, along with their research thesis title.

Past PhD Candidates

- **Kate Dolan:** HIV in Australian prisons: Transmission, risk behaviours and prevention (1997).
- **Margaret Cooke:** Barriers to the systematic provision of smoking cessation education during pregnancy (1998).
- **Rebecca McKetin:** Cognitive functioning and psychological morbidity among illicit amphetamine users (1998).
- Jo Ross: Benzodiazepine use among heroin users in Sydney, Australia (1998).
- **Catherine Spooner:** Nature and treatment of psychoactive substance use disorders among adolescents (1999).
- Wendy Swift: Patterns and correlates of cannabis dependence (1999).
- **Libby Topp:** Nature of the amphetamine dependence syndrome (1999).
- **Louisa Degenhardt:** Co-morbidity between substance use and mental health in Australia: Relationship of alcohol, tobacco and cannabis use with other substance use and mental disorders (2001).

Past Masters Students:

- **Jenny Gates:** Risk factors for hepatitis C among NSW prison inmates (2002).
- Linette Collins: Police activity at heroin overdoses (2002).

Past Honours Students:

- **Kerry Taylor:** Attention and memory in illicit amphetamine users: Comparison with non-drug-using controls (1998).
- **John Marsh:** Attention and memory in cannabis users: Comparison with non-drug-using controls (1999).
- **Neil Simon:** Effects of "ecstasy" use on memory function (2000).

Current PhD candidates:

Lucy Burns: Relationship between alcohol use disorders, anxiety and depression.

Carolyn Day: Blood borne viruses and injecting drug use.

- **Neil Donnelly:** Applied statistical methods in pharmacoepidemiology in primary care.
- **Sharlene Kaye:** Patterns and harms of injecting and noninjecting cocaine use.



Jo Kimber: Health services evaluation.

- **Peter Lawrinson:** Development of a brief treatment outcome measure for alcohol and other drug treatment services.
- **Greg Martin:** Brief motivational interventions for adolescent cannabis users.
- Heather Proudfoot: Treatment seeking for alcohol use disorders.
- Amanda Reid: Adolescent cannabis risk-perception.
- **Clare Thetford:** Childbearing decision-making among hepatitis C positive women.
- Jan Bashford: Development of cannabis screening questionnaire.

Current Masters students: Degree

Louisa Degenhardt: Master of Clinical Psychology Fiona Shand: Master of Clinical Psychology

Susannah O'Brien: Master of Clinical Psychology

Courtney Breen: Master of Public Health

Bethany White: Master of Public Health

5.3 Centre staff editorial responsibilities for international peer-reviewed journals

There is extensive involvement in peer-reviewed journals.

NDARC houses the Editorial Office of the international peer-reviewed journal, the *Drug and Alcohol Review* and Australasian Editorial Office of the international peerreviewed journal, *Addiction*.

NDARC staff have taken on a substantial role nationally and internationally in the area of the management of international peer-reviewed paper and electronic journals. They fulfil the following editorial roles on journals, separate from the significant contributions which they make as referees to these and other journals.

Addiction

Professor Wayne Hall, Australasian Regional Editor Professor Richard P Mattick, Assistant Editor Associate Professor Shane Darke, Assistant Editor Dr Jan Copeland, Assistant Editor Dr Michael Lynskey, Assistant Editor Dr Alex Wodak, Assistant Editor

Addiction Abstracts

Professor Wayne Hall, Member of the Editorial Board Dr Alex Wodak, Member of International Advisory Board *Applied Health Economics and Health Policy Journal*

Ms Marian Shanahan, Member of Editorial Board

Current Therapeutics

Dr Alex Wodak, Member of Editorial Board Drug and Alcohol Dependence

Associate Professor Shane Darke, Assistant Editor

Drug and Alcohol Review

Professor Richard P Mattick, Deputy Editor 1995-2000, Executive Editor 2000 - current, Member of Editorial Board

Dr Alex Wodak, Member of Editorial Board Heroin Addiction and Related Clinical Problems Dr James Bell. Member Editorial Board International Journal of Drug Policy Dr Kate Dolan, Assistant Editor Dr Alex Wodak, Member of Editorial Board Journal of Drug Education and Awareness Mr Paul Dillon. Associate Editor Journal of Substance Abuse Treatment Dr Jan Copeland, Assistant Editor **Modern Medicine** Dr Alex Wodak. Member of Editorial Board Patient Management Dr Alex Wodak, Member of Editorial Board **Cochrane Review Group for Drugs and Alcohol, Rome** Professor Richard P Mattick, Editor (1998 – current)

6. Mechanisms for disseminating research and informing policy development

6.1 Seminars on research findings and policy analysis

A key activity of NDARC is the dissemination of the research findings. Seminars, external lectures, workshops and presentations are an effective way of accessing a range of groups in the community. Full details of staff presentations since 2000 can be found in Appendix 7 and 8.

NDARC staff continue to be asked to speak at a variety of forums. Presentations have been commissioned by such diverse groups as a number of NSW Area Health Services, the Australian Medical Association, the NSW Police Service, the Commonwealth Department of Health and Ageing, as well as a range of government and non-government agencies, schools and peak bodies.

The NSW Drug Summit and the development of the Community Drug Action Teams (CDATs) have led many community groups to attempt to provide good quality drug information to audiences including business leaders, parents and young people. Mr Paul Dillon, and other members of NDARC staff have given presentations to schools, community groups and other interested parties on a variety of drug issues. Youth drug use, cannabis use, and current drug trends have proved the three most popular topics with these audiences.





The NDARC Annual Symposium has proved extremely popular with workers from within the alcohol and other drug field. With a focus on current research conducted by NDARC staff, including PhD students, the last Annual Symposium was entitled 'New Research: An Update of Current Projects' and attracted an audience of almost 200 registrants.

The NDARC Seminar Series continues to include open seminars on a monthly basis alternating with in-house seminars. These open seminars are an effective way of disseminating the results of current projects conducted by both NDARC staff and other organizations. The in-house seminars are intended as informal presentations of ongoing research projects with a view to obtaining feedback on progress and also as a means of facilitating discussion and teamwork among staff.

6.2 Literature reviews with implications for policy development

NDARC staff have been successful in producing influential and timely literature reviews from the early days of the Centre's operations. The list of publications should be consulted, and some indicative reviews are specified below.

- Systematic literature reviews of methadone, naltrexone, buprenorphine, LAAM and other pharmacotherapies have been produced in a substantial book published internationally (Ward et al., 1998), and these reviews have been directly relevant to policy development at a departmental and service provider level;
- Extensive work on the health effects of cannabis and on cannabis and psychosis have been published in book form and in journals (Hall and colleagues), with significant impact on the national and international understanding of these important issues;
- A review of the evidence on the neurotoxic effects of MDMA has been published in a prestigious international journal;
- Timely national review of the effectiveness of naltrexone and rapid opioid detoxification was produced to meet government need for balanced advice (Mattick and colleagues);
- Two Cochrane Collaboration reviews were recently submitted and accepted by the Rome Cochrane Review Group on Alcohol and Drugs (Mattick et al., 2002);
- Reviews of management of alcohol abuse and dependence form an important part of the current workplan (Shand, Gates, Fawcett, in preparation).

6.3 Regular briefings and submissions to government and parliamentary inquiries

See 6.4.

6.4 Membership of state and national policy committees

NDARC staff have a substantial involvement in numerous state/territory and national committees. Details are listed below.

Congreve, Eva

 Member, Expert Reference Group for the New South Wales Community Drug Information and Public Libraries Project, 2002 – current.

Copeland, Jan

- New South Wales Department of Health Cannabis Strategy Steering Committee, 2000;
- New South Wales Drug and Alcohol Training Providers Forum to identify current workforce development and training initiatives, 2002;
- New South Wales Department of School Education's Advisory Committee on the cannabis education strategy;
- Queensland Health Department's Women's Services Strategic Planning Group, 2001;
- Intergovernmental Committee on Drugs Working Party on national minimum datasets, 1998 – current; and
- Member, Steering Committee of the Collaborative Research Unit, NSW Department of Juvenile Justice, 1999.

Degenhardt, Louisa

- Member of NSW Health's Expert Advisory Committee on Heroin Overdose, 2001 – current;
- Member of the Alcohol and other Drugs Council of Australia Research Reference Group, 2001 – current.

Dillon, Paul

- Member, National Project Reference Group for the "Candidly Cannabis" Education Kit, 2001 – current;
- Member, National Expert Working Group for the School Drug Education Information (SDEI) Project, 2001 – current;
- Member, National Working Group on Performance and Image Enhancing Drugs, 2000.

Dolan, Kate

- Member, Advisory Group to oversee the implementation of the NSW Heroin Overdose Prevention and Management Strategy, NSW Department of Health, 2001;
- Member, NSW Ministerial Advisory Committee on Hepatitis C infection, 2001;



- Member, ANCAHRD CTARC Working Group on Best Practice Guidelines for Prevention of HIV/AIDS, Hepatitis C and Related Diseases in Correctional Institutions, 2000;
- Member, Diversion Programs Evaluation Advisory Committee (Cannabis Cautioning Scheme) with the Drug Programs Coordination Unit of the NSW Police Service, as part of the Drug Summit Action Plan, 2000;
- Advisor, Victorian Department of Justice with respect to their prison methadone program, 2000; and
- Member, Melbourne's Drug Forum examining new approaches to drug problems.

Hall, Wayne

- Member, Australian National Council on Drugs, March 1998 to March 2001;
- Member, NSW Premier's Expert Advisory Group on Drugs, December 1999 to August 2001;
- Chair, NSW Premier's Working Group on the Medicinal Uses of Cannabis. December 1999 to August 2000;
- Member, National Expert Advisory Committee on Illicit Drugs, 1998-2002;
- Member, Drug Utilization Subcommittee, Pharmaceutical Benefits Advisory Committee, Commonwealth Department of Health and Ageing, 2001 – current.

Mattick, Richard P.

- Scientific adviser, Western Australian Community Drug Summit, Perth, Australia, 12-17 August, 2001;
- Member, New South Wales Premier's Expert Advisory Committee on Drugs, 2001 – current;
- Chair, Evaluation Committee for the Evaluation of the New South Wales Medically Supervised Injecting Centre, 2001 – current;
- Member, Northern Territory Ministerial Task Force on Illicit Drugs, 2001 – 2002; and
- Member, New South Wales Drug and Alcohol Clinical Advisory Group, 2002 – current.

Shakeshaft, Anthony

 Delegate to the Intergovernmental Committee on Drugs' National Alcohol Strategy priority setting programme.

Teesson, Maree

- Member of the Data Analysis and Outputs Committee for the Commonwealth Department of Human Services and Health National Survey of Mental Health and Wellbeing;
- External Evaluator for the Commonwealth Department of Human Services and Health Youth Suicide Prevention Projects, 1997 – 1999;

- Member of the Expert Working Group on National Standards for Mental Health Services, Commonwealth Department of Human Services and Health;
- Member of the Research Reference Group for the Alcohol and Other Drugs Council of Australia, 1998 – 2002;
- Member of the Commonwealth Advisory Committee on Homelessness, Commonwealth Department of Family and Community Services, 1998 – 2000;
- Advisor to the Federal Minister for Family and Community Services, 1998 – 2000;
- Member of the Expert Working Group on Dual Diagnosis, New South Wales Department of Health, Mental Health Branch, 1998 – 2000;
- Member of the Expert Working Group on Early Intervention for Psychosis, New South Wales Department of Health, Mental Health Branch, 1998 – 2000;
- Member of the Expert Working Group on Treatment Planning for Drug and Alcohol Services in NSW, New South Wales Department of Health, Drug Strategy Branch, 1999 – 2001.

Topp, Libby

- Member of NSW Department of Health Psychostimulant Strategy Steering Committee, 2001 – current;
- Member of Advisory Committee for QLD Crime and Misconduct Commission/QLD Health collaborative project Amphetamine Use in QLD, 2002 – current;
- Member of National Steering Committee for Update of NDS Monograph on Models of Treatment and Care for Psychostimulant Users, 2001 – current;
- Member of National Steering Committee for joint venture between NSW Police and NSW Department of Education to update school crime prevention education programs, 2002 – current;
- Member of National Steering Committee for AIVL Psychostimulant Project, 2002 – current; and
- Member of Advisory Committee for Turning Point Education and Training development of a manual on management of amphetamines for Drug and Alcohol Workers 2002 – current.

6.5 Provision of information on drug-related harms and intervention strategies

NDARC's Information/Media Liaison Manager, Mr Paul Dillon, has continued to develop positive relationships with journalists representing a variety of media. He, along with many other members of staff, has conducted many inter-





views responding to media interest in news stories of the day.

Mr Paul Dillon continues to host a regular spot on the ABC Youth Network, Triple J, where he discusses a range of drug issues. This program has now been running for almost seven years and has become so popular that an internet forum called 'Doing Drugs with Paul Dillon' has been constructed on the ABC webpage where people can post questions and comments around drug issues. This has also proven to be a great success and is a novel and effective way of providing accurate and up-to-date information to young people. Mr Dillon also continues to write regularly for a number of street newspapers and internet sites.

Apart from general media dissemination it remains vital that research findings are able to be accessed by drug and alcohol workers and policy makers. *CentreLines* has continued to expand its readership across Australia and internationally and is currently being received by over 1200 subscribers. *CentreLines* is a joint newsletter from NDARC and the Perth Centre, NDRI, published bi-monthly, alternating between each centre. NDARC issues primarily have a treatment focus, while NDRI issues take a closer look at prevention, reflecting the research direction of each centre.

NDARC is continuing to maintain a webpage on the Medical Faculty server of the University of New South Wales. The webpage lists as main entry points NDARC's mission statement; members of staff with their e-mail address and short curriculum vitae; current research projects and a number of completed projects; monograph and technical reports with abstracts or prefaces where they are available; as well as a news section featuring coming events such as seminars and symposia. Press releases are also included here. Our webpage is constantly evolving and is becoming increasingly popular among alcohol and other drug workers, policy makers and member of the general public alike. One of the new pages on our site deals with drug information. In response to requests we have developed Fact Sheets on a number of different topic areas which can be easily downloaded. Some of these include: amphetamines; ecstasy; the medical use of cannabis; drug use amongst secondary students; and nitrous oxide. NDARC's web page is located at http://ndarc.med.unsw.edu.au

6.6 Evidence from stakeholders of receipt of information in a timely fashion

The performance indicator can be addressed directly with stakeholders.

7. NDARC relationships / collaborative arrangements with key organisations

7.1 Confirmation from various groups that they feel part of a collaboration

NDARC has developed and fostered collaborative links with numerous scientists from a range of government and non-government organisations both nationally and internationally.

7.1.1

Formal collaborative research arrangements. NDARC has formal collaborative arrangements with four other research centres one associated teaching hospital, and with one international organisation:

- Drug and Alcohol Services Council (DASC), SA Department of Human Services;
- National Drug Research Institute (NDRI), Curtin University;
- Queensland Alcohol and Drug Research and Education Centre (QADREC), University of Queensland;
- Turning Point Alcohol and Drug Centre, Inc, Victoria;
- The Langton Centre of the Prince of Wales Hospital group is a dedicated associated teaching hospital of the UNSW with specific relationship with NDARC; and
- NDARC is a World Health Organization Collaborating Centre.

NDARC is currently negotiating to develop formal collaborative arrangements with two other important research centres.

7.1.2

Other collaborative research arrangements. NDARC has had collaborative arrangements with a number of national groups, including:

- Medical organisations: Australian Medical Association; Academic Unit of General Practice, Calvary Hospital;
- Councils/Foundations/Associations: ANCD; AIDS Council of NSW; Alcohol and Other Drugs Council of Australia; Alcohol and Drug Foundation of Australia; Damian Trimmingham Foundation Family Drug Support; NSW Users and AIDS Association;
- Criminal justice groups: Australian Bureau of Criminal Intelligence; Australian Institute of Criminology;
- Research organisations: National Centre for Epidemiology and Population Health, ANU; National

Centre in HIV Epidemiology and Clinical Research, UNSW; National Centre in HIV Social Research, UNSW; National Drug Research Institute, Curtin University; Australian Institute of Health & Welfare; Centre for Adolescent Health, University of Melbourne; MacFarlane Burnet Centre for Medical Research, Centre for Harm Reduction; Centre for Behavioural Research in Cancer, Anti-Cancer Council of Victoria; Department of Social and Preventive Medicine, University of Queensland, North Queensland Clinical School, Cairns; Queensland Alcohol & Drug Research & Education Centre; Queensland Centre for Schizophrenia Research; Queensland Institute of Medical Research;

- Health services: Warinilla Clinic, Adelaide, South Australia; Next Step, Perth; South Eastern Sydney Area Health Service, NSW; South Western Sydney Area Health Service, NSW; Central Sydney Area Health Service, NSW; Drug & Alcohol Department, Royal Prince Alfred Hospital; Greater Murray Area Health Service, NSW; Jacaranda Clinic, Liverpool, NSW; Kirketon Road Centre; Ryde Drug and Alcohol Service; St Vincent's Hospital; South East Sydney Area Health Service; Ted Noffs Foundation; We Help Ourselves, Sydney; Odyssey House;
- Health economics research groups: Centre for Health Economics Research & Evaluation, University of Technology, Sydney; Centre for Health Program Evaluation, Monash University;
- Government departments: Commonwealth Department of Health & Ageing, Drug Strategy and Public Health Social Marketing Branch, Pharmaceutical Benefits Branch, HIC; Commonwealth Attorney General's Department; NSW Attorney General's Department Crime Prevention Division; NSW Bureau of Crime Statistics and Research, NSW Attorney General's Department; NSW Health Department; NSW Ambulance Service; NSW Department of Corrective Services; NSW Department of Juvenile Justice; NSW Department of School Education; NSW Department of School Education and Training: Australian Customs Service; Australian Federal Police Service; NSW Police Service; Northern Territory Department of Health and Community Services; Queensland Health Department -Alcohol, Tobacco & Other Drug Services.

The international collaborative links are:

 Department of Epidemiology & Social Medicine, Montefiores Medical Centre, NY; Department of Psychology, University of Rhode Island; Institute of Psychiatry, London; Missouri Alcohol Research Centre; National Addiction Centre in London; Programme on Substance Abuse, World Health Organisation, Geneva (WHO); UNDCP; University of Washington in Seattle; Virginia Polytechnic Institute and State University; Washington University, St Louis; and the World Bank.

During the period of review, NDARC staff were involved in a number of research projects that involved collaborating with researchers at the above centres/organisations. By way of example, an incomplete list of indicative projects has included:

- 1) The three-year National Evaluation of Pharmacotherapies for Opioid Dependence (NEPOD) project with Dr Ali from the Drug and Alcohol Services Council (DASC) in Adelaide, Drs Ritter and Lintzeris from Turning Point in Melbourne, Dr Bell from the Langton Centre in Sydney, Dr Quigley from Next Step in Perth, A/Prof Glasgow and Dr Bammer from Australian National University in Canberra, Dr Hawken from Gold Coast District Health, Prof Saunders from the University of Queensland, and Prof White from University of Adelaide. Consultants to this project also included: Mr Phil Marshall (Panacea Research & Evaluation), Ms Marian Shanahan (Centre for Health Economics Research & Evaluation, University of Sydney), Mr Anthony Harris & Ms Elena Gospodarevskaya (Centre for Health Program Evaluation, Monash University), and Mr Alan Shiell (Department of Public Health & Community Medicine, University of Sydney). There was a large NDARC team involved and the staff had to liaise effectively with the investigators and the research staff in 15 trials in these states/territory.
- 2) A magnetic resonance imaging study of brain structure and function in long term cannabis users with Prof Hall from the Centre for Health Economics Research and Evaluation, University of Technology in Sydney; Dr P Ward from the School of Psychiatry, UNSW; Dr B Grenyer from University of Wollongong, and Mr R Peters from Macquarie University.
- 3) The implications for health and law enforcement of the increased availability and use of potent forms of methamphetamine with Mr Robert Rushby from Australian Customs Service, and Constable Jo Kenworthy from the NSW Police Service Crime Agencies.
- 4) The evaluation of the Medically-Supervised Injecting Centre (MSIC) with Prof John Kaldor and Ms Margaret MacDonald from NCHECR at the UNSW, Dr Don Weatherburn from BOSCAR, NSW Attorney General's, and Ms Helen Lapsley of the School of Community Medicine at the UNSW.



- 5) A survey of alcohol and other drug use amongst NSW juvenile justice detainees with Dr John Howard from Macquarie University, Mr T Keogh and Ms K Seidler from the Department of Juvenile Justice.
- 6) A randomised controlled trial examining computer delivered brief intervention for alcohol problems in general practice with Prof Mark Harris from Community Medicine at UNSW, Dr Alex Wodak from St Vincents Drug and Alcohol Services, A/Prof Robyn Richmond from Community Medicine at UNSW, and Prof Enrico Coiera from Centre for Health Informatics at UNSW.
- 7) The causes, effects and implications of the heroin shortage in the ACT, NSW and Victoria with Paul Deitze and Craig Fry from Turning Point in Melbourne, and Paul Williams and Maria Borzycki from the Australian Institute of Criminology).
- 8) The development of a brief multi-dimensional instrument designed to measure outcomes for clients receiving alcohol and other drug treatment: The Brief Treatment Outcome Measure (BTOM) with Dr Jennifer Gray, Dr Tony Gill, Devon Indig, and Antoinette Aloi from the NSW Health Drug Program Bureau.
- 9) Risks for Hepatitis C transmission: transition and initiation to injecting drug use among youth in a range of injecting drug user networks with Prof Sue Kippax from the National Centre for HIV Social Research, Ms Annie Madden from IV League, and Dr John Howard from the Ted Noffs Foundation.
- 10) A pilot study looking at the effectiveness of bupropion for tobacco smoking cessation among offenders with Drs Alex Wodak and Kate Wilhelm from St Vincents Drug and Alcohol Services, A/Prof Robyn Richmond from Community Medicine at UNSW, and Tony Butler from Corrective Health Services.
- 11) Longitudinal study examining the effect of cannabis use among persons with psychosis with Prof Chris Tennant and Dr Louise Nash from the Royal North Shore Hospital.
- 12) A series of collaborative research efforts examining drug use and α-morbidity among a cohort of adolescents in Victoria with Prof George Patton and Ms Carolyn Coffey from the Centre for Adolescent Health, University of Melbourne.
- 13) *The Illicit Drug Reporting System* reporting trends in illicit drug use has required extensive collaboration with research groups and government departments in each Australian jurisdiction since its inception, and is a model project of the successful and productive collaborations in which NDARC can engage.

7.2 Evidence of collaborative projects with other research groups.

During the same period there have been a number of projects with scientists from international centres/organisations. These included:

- collaboration with Dr Michael Lynskey from the University of Washington on the Australian Treatment Outcome Study (ATOS) and a project titled Substance use, dependence and treatment seeking in the United States and Australia: A cross-national comparison;
- collaboration between Jan Copeland, Prof Roger Roffman from the University of Washington, and A/Prof Robert Stephens from Virginia Polytechnic & State University, comparing two brief interventions for cannabis problems among young offenders in NSW;
- collaboration between Prof Mattick and Prof Nick Heather from the University of Newcastle, UK investigating the efficacy of moderation-oriented cue exposure for problem drinkers using a randomised controlled trial;
- collaboration between Dr Louisa Degenhardt, Prof Richard P. Mattick, Mr Peter Lawrinson, Ms Heather Niven from NDARC and Dr Elliot Nelson from the University of Washington and Dr Michael Lynskey from the University of Washington examining the association between childhood trauma and opioid dependence with collection and analysis of genetic information to assess possible genetic mediation.

8. Effectiveness of NDARC's organisation and management structures

8.1 Providing information such as workplans and annual reports and other performance and research updates

See earlier.

8.2 Regular liaison, informal/formal See earlier.



9. 'Core funding arrangements' and alternative funding arrangements

This term of reference addresses the efficiency and costeffectiveness of the existing 'core funding arrangements' under the program and proven ability to generate alternative funding arrangements to enhance current Commonwealth core funding.

9.1 Information provided by the Centre concerning its funding

NDARC provides quarterly reports to the Board of Management, and the University sends formal reports of expenditure against budget allocations on a regular basis as specified in the contracts formed with the UNSW.

Annual reports set out all funding sources, project titles, amounts secured and expended for all NDARC projects.

9.2 Success in obtaining external funding to conduct additional projects

NDARC has been successful in obtaining external funding to conduct additional projects to add value to the Commonwealth investment through baseline core funding. The size of the Centre allows it to be responsive to requests in a timely fashion and to have the expertise to deliver products of quality. The investment from the Commonwealth has paid dividends to the Department of Health and Ageing.

10. Future operation under potential policy changes

This term of reference addresses the future operation of NDARC in the context of potential policy changes affecting the National Drug Strategic Framework.

10.1 Capacity for innovation and foresight in addressing drug and alcohol use

NDARC has, as noted elsewhere, led the field in Australia in terms of research, and delivering information for the use of policy makers and politicians. NDARC has a flexible staffing with broad ability and expertise and an interest in changing and reforming the directions and the activities of the Centre to meet new challenges.



- 1. Externally funded NDARC research projects 2002
- **2.** Research appearing in prestigious journals and other publications
- **3.** Books/book chapters/government reports/conference proceedings
- 4. Technical Reports
- 5. Monographs
- 6. Staff Lists 1998 2001
- **7.** Appearances of personnel at conferences both nationally and internationally
- **8.** Appearances of personnel at seminars and work-shops both nationally and internationally



PROJECT TITLE	Funding source	Total Award (\$)	Expenditure 2001	Expenditure 2002
Illicit Drug Reporting System	CDHAC	1,333,354 (5 years)	291,268	290,380
Illicit drug statistical analysis	CDHAC	755,600 (5 years)	139,198	206,034
Research support	DETYA	419,880 (2 years)	215,000	204,880
Estimating the demand for new pharmacotherapies within the heroin dependent population in Australia	CDHAC	39,561	28,459	7,437
Follow-up study of subjects in a randomized controlled trial of methadone treatment in prison	NHMRC	121,246 (3 years)	32,260	60,027
A cost-effectiveness analysis of prison methadone programs in Australia	NHMRC	61,157	0	38,171
Extension of Addiction Treatment Outcome Study (ATOS)	CDHAC	615,587 (3 years)	204,278	156,425
Addiction Treatment Outcome Study (ATOS)	NHMRC	430,264 (3 years)	161,250	161,206
Adolescents' attitudes and beliefs about cannabis and school drug education	NSW DEAT	27,437	12,539	7,969
Adolescent cannabis check up and intervention trial	CDHAC	330,257 (3 years)	131,815	83,494
Brief cannabis intervention for primary health care providers	CDHAC	169,206	42,804	32,896
Feasibility of long-term follow-up of NEPOD cohort	NHMRC	60,000	10,188	49,812
Expansion of the Illicit Drug Reporting System	NDLERF	235,630 (2 years)	117,130	60,609
Designer drugs component of the Illicit Drug Reporting System	NDLERF	85,886 (2 years)	35,493	31,894
The development of a comorbidity monograph	CDHAC	99,849	48,339	32,646
A trial of two brief interventions for cannabis problems among young offenders in NSW	NSW AGD	313,207 (3 years)	50,677	97,140
Randomized controlled trial of naltrexone, methadone, alcohol and other drug treatment programs in NSW prisons	NSW CHS	259,176 (3 years)	33,471	75,803
Evaluation of the Medically Supervised Injecting Centre	DH	270,497 (2 years)	70,138	116,925
Cost analysis of methadone maintenance treatment and cytokine expression in cerebral arteriovenous malformations	DH	100,000 (2 years)	76,715	23,285
Risks of injecting: infectious disease	ANCD	84,473	21,441	46,770



PROJECT TITLE	Funding source	Total Award (\$)	Expenditure 2001	Expenditure 2002
Development of a brief multi-dimensional instrument to measure outcomes of alcohol and other drug treatments	DH	343,700	64,358	135,045
Development of appropriate interventions	CDHAC	148,107	0	94,554
for amphetamine users		(1.5 years)		
Quality assurance in the treatment	CDHAC	160,604	0	94,210
of alcohol dependence		(1.5 years)		
Cost analysis of pharmacotherapies	CDHAC	260,121	0	151,920
for nicotine and alcohol dependence		(1.5 years)		
Drug use and HIV HCV prevalence	CDHAC	20,000	0	14,776
among rural injecting drug users		(1.5 years)		
Physical and psychological health of cocaine users	CDHAC	58,909	0	36,828
		(1.5 years)		
Web-based intervention: review of the evidence	CDHAC	13,655	0	13,655
Monitoring of global drug indicators for NSW	NSW CO	34,216	0	27,656
Review of correctional services responses to reduce the initiation level and impact of drug use within Australian prisons	ANCD	40,000	0	13,127
Extension of IDU survey of the Illicit Drug Reporting System	NDLERF	161,275	0	36,108
The causes, effects and implications of the heroin drought in ACT, NSW and Vic	NDLERF	367,585	0	106,532
Illicit drug use and driving among injecting drug users	NDLERF	75,553	0	47,530
Psychosocial interventions for methadone/buprenorphine project	TP	6,318	0	6,318
The emergence of potent forms of methamphetamine in Sydney	NDLERF	245,781	0	0
NEPOD dissemination strategy	CDHAC	99,752 (1.5 years)	0	60,095
Study of temazepam injecting in Australia	CDHAC	55,497 (1.5 years)	0	30,305
Program of International Research and Training (PIRT)	CDHAC	60,000	0	0
Validity and reliability of a cannabis questionnaire	CDHAC	20,000	0	0
Recreational pharmaceutical drug use amongst party drug users	CDHAC	49,956	0	6,891
Information about party drugs	CDHAC	49,956	0	6,781
An examination of the feasibility of conducting	-	,	-	-,
Australian trials of therapeutic cocaine vaccines	CDHAC	20,000	0	6,855
Patterns of injecting drug use, risk behaviours and blood-borne viral incidence following changes in the drug market	DH	49,843	0	0
Adolescents' beliefs about psychostimulants and psychostimulant drug education	NSW DEAT	34,598	0	0





PROJECT TITLE	Funding source	Total Award (\$)	Expenditure 2001	Expenditure 2002
Effectiveness of HIV prevention and care interventions for young and new injecting drug users	WHO	6,580	0	0
Identifying strategies to achieve behaviour change among providers of health care services	NHMRC	12,500	0	0
SUB TOTALS FOR PROJECTS (OVER 1 TO 5 YEARS)		8,206,593	1,786,821	2,672,989
INFORMATION DISSEMINATION	Funding source	Total Award (\$)	Expenditure 2001	Expenditure 2002
The health and psychological consequences				
of cannabis use (update)	CDHAC	47,942	31,325	16,617
INFRASTRUCTURE	Funding source	Total Award (\$)	Expenditure 2001	Expenditure 2002
Support for research infrastructure	DETYA	478,990 (2 years)	219,103	259,887
SCHOLARSHIPS	Funding source	TOTAL AWARD (\$)	Expenditure 2001	Expenditure 2002
Postrgraduate scholarship	DH	131,700 (3 years)	30,213	28,846
Postgraduate scholarships (2)	CDHAC	215,697 (5 years)	36,584	35,630
Post Doctoral Research Scholarship: Computer delivered brief intervention for alcohol abuse	NHMRC	221,516 (4 years)	23,372	59,880
Neil Hamilton Fairley Fellowship: Exmaining pharmacotherapy treatment systems for heroin dependence	NHMRC	361,590 (4 years)	0	124,601
SUB-TOTALS FOR SCHOLARSHIPS (OVER 3 TO 5 YEARS)		930,503	90,169	248,957
GRAND TOTALS OF AWARDS TO NDARC (OVER 1 TO 5 YEARS)		9,664,028	2,127,418	3,198,450

Glossary_

ANCD CDHAC	Australian National Council on Drugs Commonwealth Department of Health	NHMRC	National Health and Medical Research Council
	and Aged Care	NSW AGD	NSW Attorney General's Department
DETYA	Department of Education,	NSW CO	NSW Cabinet Office
	Training and Youth Affairs	NSW CHS	NSW Corrections Health Service
DH	Department of Health, NSW	NSW DEAT	NSW Department of Education and Training
NDLERF	National Drug Law Enforcement Research Fund	ТР	Turning Point Alcohol and Drug Centre
		WHO	World Health Organisation



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- **80.** Degenhardt, L & Hall, W. (1999). The relationship between tobacco use, substance use disorders and mental disorders: results from the National Survey of Mental Health and Well-Being. Sydney: National Drug and Alcohol Research Centre.

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- **98.** Degenhardt, L., Hall, W. & Lynskey, M. (2000). Cannabis use and mental health among Australian adults: Findings from the National Survey of Mental Health and Well-Being. Sydney: National Drug and Alcohol Research Centre.
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2001

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- Topp, L., Kaye, S., Bruno, R., Hargreaves, K., Longo, M., Williams, P., O'Reilly, B., Fry, C., Rose, G. & Darke, S. (2002). Australian Drug Trends 2001: Findings from the Illicit Drug Reporting System (IDRS). Sydney: National Drug and Alcohol Research Centre.
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Staff Lists

1998

Wayne Hall

Richard P. Mattick

Shane Darke Jan Copeland Michael Lynskey Maree Teesson Paul Adamson Eva Congreve Andrew Conroy **Erol Digiusto** Paul Dillon Kate Dolan Lisa Maher Rebecca McKetin Vaughan Rees Nadia Solowij Heli Wolk Wendy Swift Libby Topp **Courtney Breen** Louisa Degenhardt Kasia Godycka Simon Harris Sharlene Kaye Jo Kimber Susannah O'Brien Heather Proudfoot Joanne Ross James Shearer Seija Wolk Gail Pickering **Conjoint Appointments**

Andrea Mant Alex Wodak James Bell Robyn Richmond

Director, Professor of Drug and Alcohol Studies Deputy Director and Associate Professor Senior Lecturer Lecturer Lecturer Lecturer Technical Officer Archivist Senior Research Assistant Senior Co-ordinator Information Officer **Research** Officer **Research Fellow** Senior Research Assistant Cinical Trial Co-Ordinator Principal Research Officer Professional Officer Doctoral Student **Doctoral Student Research Assistant Research Assistant Research Assistant Research** Assistant **Research Assistant Research Assistant Research Assistant Research Assistant Research** Assistant **Research Assistant Research Assistant** Centre Secretary

Associate Professor Senior Lecturer Lecturer Lecturer

Visiting and Honorary Staff

Greg Chesher Sharon Dawe Simon De Burgh Janet Greeley John Howard Ernest Hunter Katy O'Neill Catherine Spooner Petra Staiger Deborah Zador

1999

Wayne Hall

Richard P. Mattick

Shane Darke Jan Copeland Michael Lynskey Maree Teesson Paul Adamson Eva Congreve Andrew Conroy Erol Digiusto Paul Dillon Kate Dolan Rebecca McKetin Wendy Swift Nadia Solowij Heli Wolk Lucy Burns Amanda Reid Amanda Willemyns **Courtney Breen** Louisa Degenhardt Sharlene Kaye Jo Kimber Susannah O'Brien

Honorary Research Fellow Honorary Research Fellow

Director, Professor of Drug and Alcohol Studies Deputy Director and Associate Professor Senior Lecturer Lecturer Lecturer Lecturer Technical Officer Archivist Senior Research Assistant Senior Coordinator Information Officer **Research** Officer Senior Research Assistant Senior Research Assistant Principal Research Officer **Professional Officer** Doctoral Student **Doctoral Student Doctoral Student Research Assistant Research** Assistant **Research** Assistant **Research Assistant Research Assistant**





Heather Proudfoot	Resear
Joanne Ross	Resear
James Shearer	Resear
Seija Wolk	Resear
Gail Pickering	Centre

Conjoint Appointments

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Visiting and Honorary Staff

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Richard P. Mattick

Shane Darke Jan Copeland Kate Dolan Erol Digiusto Michael Lynskey Maree Teesson Paul Adamson Eva Congreve Andrew Conroy Paul Dillon Chris Doran Rebecca McKetin Wendy Swift Nadia Solowij

rch Assistant rch Assistant rch Assistant rch Assistant Centre Secretary

Associate Professor Senior Lecturer Lecturer Lecturer

Honorary Research Fellow Honorary Associate Honorary Research Fellow Honorary Research Fellow

Director, Professor of Drug and Alcohol Studies Deputy Director and Associate Professor Senior Lecturer Senior Lecturer Senior Lecturer Lecturer Lecturer Lecturer IT Officer Archivist Senior Research Assistant Information Officer Health Economist Senior Research Assistant Senior Research Assistant Principal Research Officer

Heli Wolk Lucy Burns Carolyn Day Amanda Reid Amanda Willemyns Neil Simon Courtney Breen Nicole Clement Louisa Degenhardt Aylza Donald Mary Ellen Harrod Sharlene Kaye Jo Kimber Peter Lawrinson Nicky Henderson Susannah O'Brien Etty Matalon Joanne Ross James Shearer Matthew Warner-Smith Research Assistant Evelyn Wilhelm Heather Proudfoot Joanne Ross Libby Topp Pat Ward

Gail Pickering

Conjoint Appointment

Andrea Mant Alex Wodak James Bell Robyn Richmond

Visiting and Honorary Staff

Greg Chesher Sharon Dawe Simon De Burgh Janet Greeley John Howard **Ernest Hunter** Katy O'Neill

Professional Officer Doctoral Student Doctoral Student **Doctoral Student** Doctoral Student Honours Student **Research Assistant Research** Assistant **Research Assistant Research Assistant Research Assistant Research** Assistant **Research Assistant** Senior Research Assistant **Research Assistant Research Assistant Research Assistant Research** Assistant **Research Assistant Research Assistant Research** Assistant **Research** Assistant **Research Assistant** On Secondment from NSW Health Centre Secretary

Associate Professor Senior Lecturer Lecturer Lecturer

Honorary Research Fellow Honorary Research Fellow





Catherine Spooner Petra Staiger Deborah Zador

2001

Wayne Hall

Richard P. Mattick

Shane Darke Jan Copeland Kate Dolan Maree Teesson Erol Digiusto Michael Lynskey Wendy Swift Joanne Ross Paul Adamson Eva Congreve Paul Dillon Chris Doran Peter Lawrinson Barry Manor Greg Martin Susannah O'Brien Kathryn Owler Andrew Shakeshaft Libby Topp Pat Ward

Heli Wolk Lucy Burns Carolyn Day Amanda Reid **Courtney Breen** Nicole Clement Julius Cordell Louisa Degenhardt Jenny Gates Nicky Henderson Kate Hetherington Honorary Associate Honorary Research Fellow Honorary Research Fellow

Director, Professor of Drug and Alcohol Studies Deputy Director and Associate Professor Associate Professor Senior Lecturer Senior Lecturer Senior Lecturer Lecturer Lecturer Lecturer Lecturer IT Officer Archivist Information Officer Health Economist Senior Research Assistant On Secondment from NSW Health Professional Officer **Doctoral Student Doctoral Student Doctoral Student Research Assistant Research Assistant Research Assistant Research Assistant Research Assistant Research** Assistant **Research Assistant**

Jo Kimber Greg Martin Etty Matalon Katherine Mills Heather Proudfoot David Rouen **Fiona Shand** James Shearer Aaron Silver Matthew Warner-Smith Research Assistant Anne Maree Weatherall **Bethany White** Evelyn Wilhelm Gail Pickering Julie Hodge **Conjoint Appointment** Andrea Mant Alex Wodak James Bell Visiting and Honorary Staff **Robert Ali** Sharon Dawe Linda Gowing **Ernest Hunter** Jim Rankin

Sharlene Kaye

Research Assistant Research Assistant **Research Assistant Research Assistant Research** Assistant **Research Assistant Research Assistant Research Assistant Research Assistant Research** Assistant **Research Assistant Research Assistant Research Assistant** Admin Asst to Professors **Centre Receptionist**

Associate Professor Senior Lecturer Senior Lecturer

Nadia Solowij **Catherine Spooner** Ingrid Van Beek Deborah Zador

Honorary Visiting Fellow Honorary Visiting Fellow Honorary Visiting Fellow Honorary Visiting Professor Honorary Visiting Professor Honorary Visiting Fellow Honorary Visiting Fellow Honorary Visiting Fellow Honorary Visiting Fellow

• Please see p. 11 for 2002 staff list





Appearances of personnel as key speakers at conferences both nationally and internationally

- 1. Burns, L. Comorbidity with alcohol disorders in Australia: epidemiology and policy responses. Paper presented at the Combined APSAD and National Methadone Conference, Melbourne, 20-22 November.
- 2. Burns, L. *Problem drinking and mental health.* Paper presented at 2000 NDARC Annual Symposium, Sydney, 29 November.
- 3. Clement, N. Non-injecting routes of administration of drug use a clinical trial. Paper presented at 2000 NDARC Annual Symposium, Sydney, 29 November.
- 4. Copeland, J. A randomised controlled trial of brief interventions for cannabis dependence. Paper presented at 11th International Conference on the Reduction of Drug Related Harm, Jersey, Channel Islands, 9-13 April.
- 5. Copeland, J. Nurses and brief interventions: findings of a randomised controlled trial for cannabis use disorder. Gave an invited address to the Drug and Alcohol Nurses Association Annual Conference, Sydney, 18 May.
- 6. Copeland, J. A brief, multi-dimensional instrument designed to measure outcomes for clients receiving methadone maintenance treatment. Paper presented at National Methadone Conference, Melbourne, 1 December.
- 7. Copeland, J. A brief multi-dimensional instrument designed to measure outcome for clients receiving methadone maintenance treatment. Paper presented at the Combined APSAD and National Methadone Conference, Melbourne, 20-22 November.
- 8. Copeland, J. Alcohol and other drug issues amongst NSW juvenile detainees. Paper presented at the Combined APSAD and National Methadone Conference, Melbourne, 20-22 November.
- **9. Darke**, **S.** *History and harm reduction.* Was a discussant at the 10th Anniversary Conference, Centre for Drugs and Health Behaviours, London, 7 April.

- **10. Darke, S.** *Drug trends in NSW.* Paper presented at 2000 Illicit Drug Trends Conference, Sydney, 30 November.
- **11. Day, C.** *The experience of Hepatitis C related discrimination within a NSW community sample of peopleliving with hepatitis C.* Paper presented at Hepatitis C Everyday People Conference (working for change), Melbourne, 17 November.
- Degenhardt, L. The epidemiology of alcohol dependence in Australia. Poster presentation at the 10th Congress of the International Society for Biomedical Research on Alcoholism, Yokohama, Japan, 2-8 July.
- 13. Degenhardt, L. Persons with an intellectual disability and an alcohol use problem: Issues and treatment possibilities. Paper presented at 2000 Annual Conference of Psychologists in Developmental Disability Services, Sydney, 13 December.
- 14. Degenhardt, L. *The epidemiology of fatal opioid overdose in Australia.* Paper presented at the Combined APSAD and National Methadone Conference, Melbourne, 20-22 November.
- **15. Degenhardt, L.** *Psychosis and problematic drug use in Australia.* Paper presented at 2000 NDARC Annual Symposium, Sydney, 29 November
- **16. Digiusto, E.** *Australian National Evaluation of Pharmacotherapies for Opioid Dependence (NEPOD).* Paper presented at 11th International Conference on the Reduction of Drug Related Harm, Jersey, Channel Islands, 9-13 April.
- Digiusto, E. Australian National Evaluation of Pharmacotherapies for Opioid Dependence (NEPOD). Paper presented at the Combined APSAD and National Methadone Conference, Melbourne, 20-22 November.
- **18. Dillon, P.** Australian street drugs and current trends. Paper presented at Western Cluster Field Conference, Dubbo, 23 March.
- **19. Dillon, P.** *Ketamine, GHB and the club scene.* Paper presented at Gearing up for the Millenium, Cardiff, Wales, 6 April.
- 20. Dillon, P. GHB: a community based-approach to the





problem. Paper presented at 11th International Conference on the Reduction of Drug Related Harm, Jersey, Channel Islands, 9-13 April.

- **21.** Dillon, P. What's going on? Reviewing the research. Paper presented at the Young and the Rest Of Us, Perth, 31 August.
- 22. Dillon, P. *Club drugs.* Paper presented at the Combined APSAD and National Methadone Conference, Melbourne, 20-22 November.
- 23. Dolan, K. A randomised controlled trial of the NSW Prison Methadone Program. Paper presented at 11th International Conference on the Reduction of Drug Related Harm, Jersey, Channel Islands, 9-13 April.
- 24. Dolan, K. A randomised controlled trial of the NSW Prison Methadone Program. Paper presented at Injecting Drugs: the Prevention of Blood Borne Viruses and Overdose, The National Drug Research Institute, Perth, 4 August.
- 25. Dolan K. A Randomised Control Trial of the New South Wales Prison Methadone Program at Encouraging Health Conference, Hamburg, Germany, 22-25 November.
- **26. Doran, C.** *Buprenorphine vs methadone maintenance: a cost-effectiveness analysis.* Paper presented at the Combined APSAD and National Methadone Conference, Melbourne, 20-22 November.
- 27. Hall, W. What is comorbidity? Paper presented at National Comorbidity Workshop, Canberra, 6 March.
- **28. Hall, W.** An overview of the research activities of the National Drug and Alcohol Research Centre. Paper presented at Annual Conference of the Australian and New Zealand Association for Psychiatry, Psychology and the Law, Melbourne, 28 April.
- **29. Hall, W.** *Patterns and trends in illicit drug use.* Paper presented at the Drug and Alcohol Nurses Association Annual Conference, Sydney, 19 May.
- **30. Hall, W.** *The Report of the Working Party on the Medical Use of Cannabis.* Paper presented at the Combined APSAD and National Methadone Conference, Melbourne, 20-22 November.
- **31.** Hall, W. Estimating the number of heroin dependent users in Australia? Paper presented at the Combined APSAD and National Methadone Conference, Melbourne, 20-22 November.

- 32. Hall, W. Estimating the number of dependent heroin users in Australia. Paper presented at 2000 NDARC Annual Symposium, Sydney, 29 November.
- **33. Hall, W.** *The rationale for the Illicit Drug Reporting System.* Paper presented at 2000 Illicit Drug Trends Conference, Sydney, 30 November.
- **34. Kaye, S.** *The prevalence, patterns and harms of cocaine use among injecting and non-injecting drug users in Sydney.* Paper presented at 2000 NDARC Annual Symposium, Sydney, 29 November.
- **35. Kimber, J.** *International survey of supervised injecting centres: preliminary findings.* Paper presented at the Combined APSAD and National Methadone Conference, Melbourne, 20-22 November.
- **36. Kimber, J.** *International survey of supervised injecting centres: preliminary findings.* Paper presented at 2000 NDARC Annual Symposium, Sydney, 29 November.
- 37. Mattick, R. Treatment approaches in opiate abuse where do we go from here? Paper presented at Buprenorphine – Progress in Partnership, London, UK, 23-24 March.
- 38. Mattick, R. Buprenorphine treatment models.
 Workshop presented at Buprenorphine Progress
 in Partnership, London, UK, 23-24 March.
- **39. Proudfoot, H.** Who gets treatment for alcohol use disorders in Australia? Paper presented at 2000 NDARC Annual Symposium, Sydney, 29 November.
- **40.** Reid, A. The prevalence of adolescent cannabis use and the exploration of dependence, comorbidity and risk perception among heavy users. Paper presented at 2000 NDARC Annual Symposium, Sydney, 29 November.
- **41. Shearer, J.** *Monitoring dexamphetamine prescribing: a randomised controlled study.* Paper presented at the Combined APSAD and National Methadone Conference, Melbourne, 20-22 November.
- **42. Spooner, C.** *The role of police in the prevention and management of alcohol problems.* Paper presented at the Combined APSAD and National Methadone Conference, Melbourne, 20-22 November.
- **43.** Swift, W. A randomised controlled trial of brief interventions for cannabis use disorder. Keynote address given to Cutting Edge 2000, Rotorua, New Zealand, 31 August 2 September.



- **44.** Swift, W. Putting research into practice: the case of cannabis. Keynote address given to Cutting Edge 2000, Rotorua, New Zealand, 31 August 2 September.
- **45. Teesson, M.** *Prevention, promotion and politics.* Paper presented at The Mental Health Services Summer Forum, Sydney, 25 January.
- **46. Teesson, M.** *The political abuse of evidence based medicine: The case of case management.* Keynote address presented at Getting Better Conference, Sydney, 19 February.
- **47. Teesson, M.** *National Comorbidity Project.* Keynote address presented at National Comorbidity Workshop, Canberra, 6 March.
- **48. Teesson, M.** *Case management and evidence based medicine.* Paper presented at The Mental Health Services Conference, Adelaide, 29-31 August.
- **49. Teesson, M.** *Measuring need for care.* Paper presented at The Mental Health Services Conference, Adelaide, 29-31 August.
- **50. Teesson, M.** Alcohol and other drug use disorders in Australia. Paper presented at The Mental Health Services Conference, Adelaide, 29-31 August.
- **51. Teesson**, **M.** *The National Comorbidity Project.* Paper presented at The Mental Health Services Conference, Adelaide, 29-31 August.
- **52. Teesson, M.** *The Australian Treatment Outcome Study.* Paper presented at the Combined APSAD and National Methadone Conference, Melbourne, 20-22 November.
- **53. Topp, L.** *National drug trends.* Paper presented at 2000 Illicit Drug Trends Conference, Sydney, 30 November.
- **54.** Topp, L. *Designer drug trends in NSW.* Paper presented at 2000 Illicit Drug Trends Conference, Sydney, 30 November.
- 55. Ward, P. Health care utilisation under the Commonwealth Medicare Benefits Scheme by methadone patients. Paper presented at 2000 NDARC Annual Symposium, Sydney, 29 November.

56. Burns, L. *Comorbidity between alcohol use, depression and anxiety in an outpatient setting and the impact on treatment outcomes.* Presentation to 2001 Combined APSAD and National Methadone Conference, Sydney, 29-31 October.

- 57. Copeland, J. Profiles of culturally and linguistically diverse clients from the NSW Minimum Dataset of Clients of Alcohol and Other Drug Treatment Services. Invited paper to the Diversity in Health: Sharing Global Perspectives Conference: Sydney, May 30.
- **58.** Copeland, J. Clients of NSW alcohol and other drug treatment services: findings of the inaugural Minimum Data Set. 2001. Presentation to Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- **59.** Copeland, J., Swift, W., Howard, J., Roffman, R.A., Stephens, R.S. & Berghuis, J. A randomized controlled trial of brief interventions for cannabis problems among young offenders. Poster presentation at the Sixty-third Annual Scientific Meeting of the College on Problems of Drug Dependence, June 16-21, Scottsdale, Arizona, USA.
- **60.** Copeland, J., Swift, W., & Martin, G. *Cannabis interventions for young people.* Presentation to 2001 NDARC Annual Symposium, Sydney, 28 November.
- 61. Darke, S. The relationship between suicide and overdose among methadone maintenance patients. Presentation to 2001 NDARC Annual Symposium, Sydney, 28 November.
- **62.** (**Darke**, **S**. *Drug trends in NSW*. Paper presented at National Drug Trends Conference 2001, Sydney, 29 November.
- **63.** Day, C. Indigenous male and female injecting drug users. Best Practice Interventions in Corrections for Indigenous People, Sydney, 8-9 October.
- **64. Day, C.** *Drug treatment utilisation by Sydney heroin users.* Presentation to 2001 NDARC Annual Symposium, Sydney, 28 November.
- **65. Degenhardt, L.** *Characteristics of a sample of GHB users in Australia: preliminary findings.* Paper presented at the 12th International Conference on the Reduction of Drug Related Harm. Ashok Hotel, New Delhi, India, 1-5 April.
- **66. Degenhardt, L.** *Birth cohort trends in the age of initiation of drug use in Australia.* Paper presented at the 12th International Conference on the Reduction of Drug Related Harm. Ashok Hotel, New Delhi, India, April 1-5 April.



- **67. Degenhardt, L.** *The gender gap in drug use. Is it closing?* Paper presented at the 12th International Conference on the Reduction of Drug Related Harm. Ashok Hotel, New Delhi, India, 1-5 April.
- **68. Degenhardt, L.** *GHB users in Australia: Who are they, how do they use it and what are the risks?* Paper presented at Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- **69. Degenhardt, L.** *Crystal meth use in Sydney.* Paper presented at Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- **70. Degenhardt, L.** *GHB users: their characteristics, use patterns and the associated harms of GHB use.* Paper presented at 2001 NDARC Annual Symposium, Sydney, 28 November.
- **71.** Digiusto, E. Treatment retention and drug use outcomes in the National Evaluation of Pharmacotherapies for Opioid Dependence (NEPOD). Paper presented at 2001 Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- 72. Digiusto, E. National Evaluation of Pharmacotherapies for Opioid Dependence (NEPOD): All treatments work, but some work better and are more cost effective than others. Presentation to 2001 NDARC Annual Symposium, Sydney, 28 November.
- **73.** Dillon, P. Cannabis: What's the story? Keynote address at 'Innovation For Change', NSW PDHPE Teachers' Association Conference, Sydney, 20 October.
- **74. Dillon, P.** *The media: manipulator or manipulated?* Workshop presented at Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- **75.** Dillon, P. Why is no-one talking to me? Media frustration with the d&a field. Invited paper presented at the Australasian Medical Writers Association Conference – Testing the Limits ... Challenges for Medical Writers, Brisbane, Queensland, 2-3 November.
- **76. Dolan K.** *Prisons and harm reduction.* Invited presentation at the 12th International Conference on the Reduction of Drug Related Harm, New Delhi, India, 1-5 April.
- 77. Dolan, K. Effectiveness of interventions for marginalized and particularly vulnerable IDUs. Paper presented at the Fourth Global Research Network Meeting, Melbourne, 11 October.

- **78. Doran C.** *Buprenorphine vs. methadone maintenance: a cost-effectiveness analysis.* Presentation to the International Health Economic Association Conference, University of York, 23 July.
- **79. Doran C.** *NEPOD: a focus on the health economic evaluation.* Presentation to the Centre for Health Economic Research and Evaluation, University of Sydney 17 October.
- **80.** Doran, C. Understanding economic evaluations: methods and practical application in clinical research. Presentation to 2001 Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- **81. Doran, C.** *NEPOD health economic evaluation: costs and cost-effectiveness of opioid detoxification and main-tenance treatments.* Presentation to 2001 Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- Hall, W. The epidemiology of opioid overdose death in Australia 1964-1999. Annual Conference of the Royal Australasian College of Physicians, Sydney, 15 May.
- **83. Kaye**, **S.** *Non-injecting cocaine users in Sydney: patterns of use and associated harms.* Paper presented at Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- 84. Kimber J. International Survey of Supervised Injecting Centres: preliminary findings. Paper presented at the 12th International Conference on the Reduction of Drug Related Harm. Ashok Hotel, New Delhi, India, 1-5 April.
- **85. Kimber, J.** Evaluation of the Medically Supervised Injecting Centre (MSIC). Paper presented at 2001 NDARC Annual Symposium, Sydney, 28 November.
- **86.** Lawrinson, P. Measuring treatment outcomes for clients of alcohol and other drug treatment services. Presentation to 2001 Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- **87.** Lawrinson, P. Measuring treatment outcomes of clients of alcohol and other drug treatment services. Presentation to 2001 NDARC Annual Symposium, Sydney, 28 November.
- **88.** Martin, G. Adolescent Cannabis Check-Up. Presentation to 2001 Combined APSAD and National Methadone Conference, Sydney, 29-31 October.



- **89.** Matalon, E. A brief intervention for cannabis use disorders. Presentation to 2001 Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- **90.** Mattick, R. *Drug use in Australia: patterns of use, harms and responses.* Paper presented at the 4th National Conference on Alcohol and other Drugs in the Workplace, 2 May.
- **91.** Mattick, R. Buprenorphine versus methadone maintenance therapy: a randomised double-blind trial with 405 opioid dependent patients. Paper presented at 2001 Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- 92. Mattick, R., Breen, C., & Kimber, J. Efficacy of methadone maintenance therapy versus no methadone maintenance therapy for opioid dependence: a metaanalytic review. Poster presentation at 2001 Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- **93.** Mattick, R. National Evaluation of Pharmacotherapies for Opioid Dependence. Paper presented at 2001 Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- 94. Mattick, R., Kimber, J., MacDonald., M, Kaldor, J., Weatherburn, D., Lapsley, H., & van Beek, I. Methodology of the evaluation of the Medically Supervised Injecting Centre (MISC) and latest results of process evaluation. Poster presentation at 2001 Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- **95.** Mattick, R. Buprenorphine maintenance versus placebo or methadone maintenace for opioid dependence: a meta-analytic review. Paper presented to 2001 Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- **96.** O'Brien, S. National Evaluation of Pharmacotherapies for Opioid Dependence (NEPOD): project methodology and characteristics of the clients entering the trials. Paper presented to 2001 Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- **97. Proudfoot, H.** *Effective treatments for alcohol problems and treatment-seeking for alcohol dependence in Australia.* TheMHS 11th Annual Mental Health Services Conference, Wellington, New Zealand , 30 August.

- **98. Proudfoot, H.** *Interventions for Common Chronic Disease Risk Factors - Alcohol.* The Royal Australian College of General Practitioners (RACGP) 44th Scientific Convention, Sydney, 29 September.
- **99. Proudfoot, H.** *Interventions for alcohol dependence, abuse and excessive drinking.* Presentation to 2001 NDARC Annual Symposium, Sydney, 28 November.
- **100. Ross, J.** *Treatment of Alcoholism: What works?* Hanoi-Sydney Collaborative Mental Health Conference, Hanoi, 27-29 September.
- **101.** Shakeshaft, A. Appropriateness of red blood cell transfusions in major urban hospitals. Presented at the 4th International Conference on the Scientific Basis of Health Services, Sydney, Australia, 27 September.
- 102. Shakeshaft, A. National evaluation of pharmacotherapies for opioid dependence (NEPOD): criminal behaviour, expenditure on illicit drugs and serious adverse events. Presentation to 2001 Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- **103. Shand, F.** Characteristics of the Clients in Treatment: the COTSA Census 2001. Presentation to 2001 NDARC Annual Symposium, Sydney, 28 November.
- 104. Shearer, J. Pilot randomised double-blind placebo controlled study of dexamphetamine for cocaine dependence. Presentation to 2001 Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- **105. Shearer, J.** *Replacement therapy for stimulant users.* Presentation to 2001 NDARC Annual Symposium, Sydney, 28 November.
- **106.** Shearer, J. *The future of amphetamine.* National Chemical Diversion Conference, Australian Bureau of Criminal Intelligence, Canberra, 5 December.
- **107. Spooner, C.** *Youth and drugs: the why and what do we do.* Presentation to 2001 NDARC Annual Symposium, Sydney, 28 November.
- 108. Swift, W. Can it work? Does it work? Is it worth it? Cannabis. Presentation to 2001 Combined APSAD and National Methadone Conference, Sydney, 29-31 October.

- 109. Swift, W., Copeland, J., Howard, J., Roffman, R.A., Stephens, R.S. & Berghuis, J. Adolescent Cannabis Check-up and Intervention Trial. Poster presentation at the Sixty-third Annual Scientific Meeting of the College on Problems of Drug Dependence, June 16-21, Scottsdale, Arizona, USA.
- **110.** Swift, W., Copeland, J., & Howard, J. A trial of two brief interventions for cannabis problems among young offenders in New South Wales. Poster presentation at Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- **111. Teesson, M.** Bridging the gap between research and practice. Paper presented at the Mental Health Services Conference Summer Forum, 25 January.
- **112. Teesson, M.** *National Comorbidity Project.* Poster presentation at Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- **113. Teesson, M.** *National Comorbidity Project.* Paper presentation at Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- **114. Teesson, M.** Managing scarcity in Australia: Discussant. Paper presented at Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- **115. Topp, L.** *Patterns of ecstasy use in Australia, 1990-2001.* Paper presented at the Sixty-third Annual Scientific Meeting of the College on Problems of Drug Dependence, Scottsdale, Arizona, USA, 16-21 June.
- **116. Topp, L.** *Prevalence & patterns of ecstasy use in Australia.* Paper presented at Combined APSAD and National Methadone Conference, Sydney, 29-31 October.
- **117.** Topp, L. *History and methodology of the IDRS.* Paper presented at National Drug Trends Conference 2001, Sydney, 29 November.
- **118. Topp, L.** *An overview of national drug trends.* Paper presented at National Drug Trends Conference 2001, Sydney, 29 November.
- **119. Topp, L.** *Australian Drug Trends 2001.* Keynote presentation at Drugs: National Problem, Local Solutions, Brisbane, 4 December.

120. Barker, B. *Neuropsychological performance of ecstasy users.* Poster at the Annual Conference of the Australian Psychological Society, Royal Pines Resort, Gold Coast, 27 September – 9 October.

- 121. Barker, B. Neuropsychological performance in human ecstasy users – A test of the ecstasy-induced serotonin neurotoxicity hypothesis. Paper to the Combined Australian Professional Society for Alcohol and Other drugs (APSAD) National Methadone Conference, Hilton Hotel, Adelaide, 18-20 November.
- **122.** Barker, B. Neuropsychological performance in human ecstasy users – A test of the ecstasy-induced serotonin neurotoxicity hypothesis. Paper to the NDARC Annual Symposium, Sydney, 27 November.
- **123. Breen, C**. *Examining party drug use in NSW.* Paper to the Combined Australian Professional Society for Alcohol and Other Drugs (APSAD) National Methadone Conference, Hilton Hotel, Adelaide, 18-20 November.
- **124.** Breen, C. Australian drug trends: findings of the Illicit Drug Reporting System 2002. Paper to the National Drug Trends Conference, Sydney, 28 November.
- 125. Copeland, J. Treatment of cannabis dependence. Invited address to the International Scientific Conference on Cannabis, Brussels, Belgium, 25 February.
- **126. Copeland, J.** *Adolescent Cannabis Use: Issues and Interventions.* Invited paper to the Australasian Drug and Alcohol Nurses Conference, Sydney, 10 May.
- **127.** Copeland, J. Patterns of Use, Harms and Brief Interventions for Cannabis. Invited paper to the Australasian Drug and Alcohol Nurses Conference, Sydney, 10 May.
- **128.** Copeland, J. Adolescent Cannabis Check-up and Intervention Trial. Paper presented at the 64th College on Problems of Drug Dependence Meeting, Quebec City, Canada, 13 June.
- 129. Copeland, J. A RCT of Brief Interventions for Cannabis Problems Among Young Offenders in Australia. Seventh NIDA International Forum: Building International Research on Drug Abuse Treatment Innovations. Quebec City, Canada, 15 June.
- **130.** Copeland, J. A RCT of Brief Cannabis Interventions Among Young Offenders in NSW. Invited paper to the National Crime Prevention Conference, Sydney, 13 September.



- 131. Copeland, J. The Adolescent Cannabis Check-Up: Preliminary findings. Paper to the 2002 Australian Professional Society of Alcohol and Drugs (APSAD) National Conference, Adelaide, 20 November.
- 132. Darke, S. Suicide and depression among entrants to treatment for heroin dependence in Sydney, Australia. Preliminary findings from the Australian Treatment Outcome Study (ATOS). Seventh NIDA International Forum: Building International Research on Drug Abuse Treatment Innovations. Quebec City, Canada, 15 June.
- **133.** Day C. Discrimination of heroin users in Sydney: Is it based on drug use status or hepatitis C status? 3rd Australasian Conference on Hepatitis C, Melbourne, 25-27 March.
- **134.** Day C. Changes in the patterns of drug use following a reduction in heroin availability in Sydney: The Heroin Drought. 13th International Conference on the Reduction of Drug Related Harm, Ljubljana, Slovenia, 3-7 March.
- **135.** Day C. Female injecting drug users in Sydney Australia: Aboriginal and non-aboriginal. 2nd International Harm Reduction Congress on Women and Drugs, Ljubljana, Slovenia, 3 March 2002.
- **136.** Day, C. Discrimination of heroin users in Sydney: is it based on drug user status or hepatitis C status? Paper to the NDARC Annual Symposium, Sydney, 27 November.
- 137. Degenhardt, L. Ambulance callouts to suspected drug overdoses. Paper presented at the 13th International Conference on the Reduction of Drug Related Harm. Lubljana, Slovenia, 3-7 March.
- 138. Dillon, P. New drugs, new risks: current state of play. Invited presentation to the 2nd International Conference on Night-Life, Substance Use and Related Health Issues, Rimini, Italy, 24-27 March.
- **139.** Dillon, P. NDARC perspectives. Invited presentation at Initiatives, Innovation and Practice: Drug Treatment Service Providers Conference, Preston, Victoria, 9 August.

- 140. Dillon, P. Party drugs. Workshop presented at Initiatives, Innovation and Practice: Drug Treatment Service Providers Conference, Preston, Victoria, 9 August.
- **141.** Dillon, P. *The media: manipulated or manipulator?.* Paper presented at the 12th Mental Health Services Conference, Sydney, 20-22 August.
- 142. Dolan, K. A follow-up study of subjects in a randomised controlled trial in NSW prisons. Paper presented at the 13th International Conference on the Reduction of Drug-Related Harm, Ljubljana, Slovenia, 3-7 March.
- 143. Dolan, K. A follow-up study of subjects in a randomised controlled trial in NSW prisons. Paper presented at the 3rd Australasian Conference on Hepatitis C, Melbourne, 26 March.
- 144. Doran, C. Buprenorphine versus methadone maintenance: a cost-effectiveness analysis. Presentation made at the 24th Australian Conference of Health Economists, Sydney, 19 July.
- 145. Doran, C. Discussant on the paper entitled The use of comparative standards in consumer evaluation of mental health service attributes by Dr Duane Pennebaker. Presentation made at the 24th Australian Conference of Health Economists, Sydney, 19 July.
- **146.** Gates, J. Zyban and nicotine dependence: current patterns of usage and costs. Paper to the Combined Australian Professional Society for Alcohol and Other Drugs (APSAD) National Methadone Conference, Adelaide, 18-20 November.
- 147. Kaye, S. Injecting and non-injecting cocaine use in Sydney, Australia. Paper presented at the 13th International Conference on the Reduction of Drug-Related Harm, Ljubljana, Slovenia, 3-7 March.
- 148. Kelly, E. Illicit drug use and driving: epidemiology, accident involvement and risk perceptions. Paper to the Combined Australian Professional Society for Alcohol and Other Drugs (APSAD) National Methadone Conference, Adelaide, 18-20 November.
- 149. Kimber, J. Methodology of the Evaluation of the Sydney Medically Supervised Injecting Centre (MSIC) and latest process evaluation results. Paper presented at the 13th International Conference on the Reduction of Drug-Related Harm, Ljubljana, Slovenia, 3-7 March.



- **150. Kimber, J.** *Konsumraumen: Die Australischen Ergebnisse (Consumption rroms: The Australian experience).* Paper to 7.Internationaler akzept-Drogenkongress, Jena, Germany, 27 October.
- **151. Lawrinson, P.** Measuring treatment outcomes for clients of alcohol and other drug treatment services. Paper presented at Health Outcomes 2002: Current Challenges and Future Frontiers. 8th Annual National Health Outcomes Conference, Canberra, 17-18 July 2002.
- **152.** Lawrinson, P. Measuring treatment outcomes for clients of alcohol and other drug treatment services. Paper presented at Cutting Edge 2002, Annual Treatment Conference on Alcohol Drug and Other Addictive Disorders. Nelson, New Zealand. 29-31 August 2002.
- **153.** Lawrinson, P. Implementation of Routine Outcome Measures in Alcohol and Drug Services: What this could mean for clinicians in practice? Plenary paper presented at Cutting Edge 2002, Annual Treatment Conference on Alcohol Drug and Other Addictive Disorders. Nelson, New Zealand. 29-31 August 2002.
- **154.** Lawrinson, P. Measuring treatment outcomes for clients of alcohol and other drug treatment services. Paper to the Combined Australian Professional Society for Alcohol and Other Drugs (APSAD) National Methadone Conference, Adelaide, 18-20 November.
- **155.** Matalon, E. Brief Interventions for Cannabis Dependence. An invited clinical workshop to the Australasian Drug and Alcohol Nurses Conference, Sydney, 10 May.
- **156.** Mattick, R. Buprenorphine maintenance treatment. Invited presentation at the Buprenorphine Treatment Program Special Lecture, Jakarta, Indonesia, 6 April.
- **157.** Mills, K. *Alcohol consumption among university students.* 3rd International Conference on Drugs and Young People, Randwick, 14 May.
- **158.** Mills, K. Post traumatic stress disorder (PTSD) among heroin users: prevalence, stressful life events, and associated harms. Paper to the Combined Australian Professional Society for Alcohol and Other Drugs (APSAD) National Methadone Conference, Adelaide, 18-20 November.

- **159.** O'Brien, S. Australian National Evaluation of Pharmacotherapies for Opioid Dependence (NEPOD). Paper presented at the 13th International Conference on the Reduction of Drug Related Harm in Ljubljana, Slovenia, 3-7 March.
- **160.** Shakeshaft, A. Using computers to reduce alcohol problems among general practice patients: is systems change the thing? Paper to the NDARC Annual Symposium, Sydney, 27 November.
- 161. Shanahan, M. Cost-effectiveness analysis of the NSW Adult Drug Court Program. Paper presented at the 24th Australian Health Economics Society Conference, Sydney 18 - 19 July.
- **162.** Shanahan, M. *The cost-effectiveness analysis of the NSW Adult Drug Court.* Paper to the Combined Australian Professional Society for Alcohol and Other Drugs (APSAD) National Methadone Conference, Adelaide, 18-20 November.
- 163. Shanahan, M. Prescription heroin rhetoric versus evidence. Paper to the Combined Australian Professional Society for Alcohol and Other Drugs (APSAD) National Methadone Conference, Adelaide, 18-20 November.
- **164.** Shearer, J. Research into dexampletamine substitution for psycho-stimulant dependence. Paper presented at Drug and Alcohol Nurses of Australasia Conference, Sydney, 9 May.
- **165.** Shearer, J. Pilot randomised double blind placebo controlled study of dexamphetamine for cocaine dependence. Paper presented at College of Problems of Drug Dependence, Quebec City, Canada, 12th June.
- **166. Spooner, C.** *Youth drug use and harms.* 3rd International Conference on Drugs and Young People, Randwick, 13 May.
- **167. Spooner, C.** *The role of police in illicit drug harm minimisation: An overview.* Keynote presentation 2nd Australasian Conference on Drug Strategy, Perth, 9 May.
- **168. Spooner, C.** *The police and illicit drug harm minimization: identifying and addressing the harms.* Paper to the Combined Australian Professional Society for Alcohol and Other Drugs (APSAD) National Methadone Conference, Adelaide, 18-20 November.



- **169. Spooner, C.** *The role of police in preventing and minimising illicit drug use and its harms.* Paper to the NDARC Annual Symposium, Sydney, 27 November.
- **170. Swift, W.** *Young people and cannabis use: A Check-Up Approach.* 3rd International Conference on Drugs and Young People, Randwick, 14 May.
- 171. Teesson, M. Cannabis and psychosis. Paper to the 12th Mental Health Services (THEMHS) Conference, Sydney, 20-22 August.
- **172. Teesson, M**. *The structure of cannabis dependence in the community.* Paper to the Combined Australian Professional Society for Alcohol and Other Drugs (APSAD) National Methadone Conference, Adelaide, 18-20 November.
- **173. Teesson, M.** Australian Treatment Outcome Study (ATOS): Heroin. Paper to the Combined Australian Professional Society for Alcohol and Other Drugs (APSAD) National Methadone Conference, Adelaide, 18-20 November.
- **174. Topp, L.** *Tracking the emergence of potent forms of methamphetamine in Sydney, Australia.* Paper presented at the 13th International Conference on the Reduction of Drug-Related Harm, Ljubljana, Slovenia, March 3-7.
- **175. Topp, L**. *Australia's dynamic methamphetamine markets.* Paper to Paper to the Combined Australian Professional Society for Alcohol and Other Drugs (APSAD) National Methadone Conference, Adelaide, 18-20 November.





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Appearances of personnel as key speakers at seminars and workshops both nationally and internationally

2000

- **176.** Breen, C. Opiate treatment pharmacotherapies: buprenorphine. Presentation at South Eastern Sydney Area Health Service Drug and Alcohol Clinical Skills Update, Sutherland Hospital, 24 May.
- **177. Burns, L.** Alcohol and anxiety/depression. Presentation to Co-morbidity, a CEIDA and NDARC Seminar, Sydney, 15 August.
- **178.** Copeland, J. A randomised controlled trial of brief interventions for cannabis dependence. Presentation at The National Addiction Centre, Institute of Psychiatry, London, 10 April.
- **179.** Copeland, J. Brief interventions for cannabis use disorder. The European Monitoring Centre for Drugs and Drug Addiction, Lisbon, Portugal, 12 April.
- 180. Copeland, J. The epidemiology and aetiology of substance use disorders. Presentation to Masters of Psychological Medicine Seminar Series, St Vincent's Hospital, 30 May.
- **181.** Copeland, J. *Prevalence and treatment of cannabis use disorders.* Presentation to ACT Community Care Seminar Series for Treatment Works Week, Canberra, 28 June.
- **182.** Darke, S. Hair morphine concentrations of fatal heroin overdose cases and living heroin users. National Addiction Centre, London, 6 April.
- **183. Darke, S.** *Heroin overdoses in Australia.* Queensland Department of Health Seminar, Brisbane, 2 May.
- **184.** Darke, S. Hair morphine concentrations of fatal heroin overdose cases and living heroin users. Presentation to We Help Ourselves Seminar, Sydney, 2 August.
- **185.** Darke, S. Hair morphine concentrations of fatal heroin overdose cases and living heroin user. Presentation to Central Coast Area Health Service Drug and Alcohol Service Seminar, Gosford, 15 August.
- **186.** Darke, S. Using the Opiate Treatment Index as a clinical tool. Presentation to Wentworth Area Health Service Drug and Alcohol Service Seminar, Sydney, 29 August.

- **187.** Darke, S. Hair morphine concentrations of fatal heroin overdose cases and living heroin users. Presentation to Department of Psychology Seminar, Sydney, 7 September.
- **188. Degenhardt, L.** *Cannabis and psychosis.* Presentation to Co-morbidity, a CEIDA and NDARC Seminar, Sydney, 15 August.
- **189.** Dillon, P. Australian street drugs and current trends. Presentation at Pfizer Clinical Meeting, Sydney, 22 March.
- 190. Dillon, P. Australian street drugs and current trends.
 Presentation at Dubbo Medical Society's Post-Graduate Weekend, Dubbo, 26 March.
- **191.** Dillon, P. Current drug trends. Presentation to Diocesan Drug Education Adviser Workshop, Catholic Education Commission, 25 May.
- **192. Dillon, P.** *Current trends in party drug use.* Presentation to HIV Prescribers Course, Sydney, 6 August.
- **193.** Dillon, P. *Party drugs*. Presentation to Kirketon Road Seminar, Sydney, 9 August.
- **194. Dillon, P.** *Club drugs.* Presentation to Pfizer GP Seminar, Perth, 30 August.
- **195. Dillon, P.** *Club drugs.* Presentation to Pfizer GP Seminar, Perth, 31 August.
- **196.** Hall, W. A summary of the Institute of Medicine Report: Marijuana and Medicine. Presentation at the Meeting of the Working Party on the Use of Cannabis for Medical Purposes, Sydney, 15 February.
- **197. Hall, W.** Making causal inferences in the health sciences. Presentation at the Psychology Honours Seminar on Health Statistics, School of Psychology, UNSW, Sydney, 9 March.
- **198.** Hall, W. *Trends in opioid overdose in Australia 1964-1998.* Presentation at the Research Seminar, School of Physiology and Pharmacology, UNSW, Sydney, 14 March.



- **199.** Hall, W. Estimating the number of dependent heroin users in Australia. Presentation at the Workshop, Drug and Alcohol Services Council of South Australia, Adelaide, 16 March.
- 200. Hall, W. Was a discussant at the Launch of National School Drug Education Policy, Sydney, 22 March.
- **201.** Hall, W. *The logic of causal inference.* Presentation at Human Behaviour Course, Second Year Medicine, Sydney, 23 March.
- **202.** Hall, W. *Trends in opioid overdose deaths 1964-1998.* Presentation at School of Psychology and Psychiatry, James Cook University, Townsville, 31 March.
- 203. Hall, W. Policy analysis in the health sciences; The case of medical uses of cannabis. Presentation at Seminar, Psychology Honours Seminar on Health Statistics, School of Psychology, UNSW, Sydney, 6 April.
- **204. Hall, W.** Briefing for International Narcotics Control Board Delegation, Canberra, 10 April.
- 205. Hall, W. What can be done to reduce heroin overdose deaths? Presentation at Grand Rounds, St Vincent's Hospital, Sydney, 9 May.
- **206.** Hall, W. How many opioid dependent people are there in Australia? Presentation at Meeting of Australian National Council on Drugs, Darwin, 11 May.
- **207.** Hall, W. Briefing on trends in opioid overdose deaths. Presentation at Premier's Expert Advisory Group on Drugs, Sydney, 19 May.
- **208.** Hall, W. Patterns and trends in alcohol and other drug use and drug-related harm in Australia. Presentation to Briefing to House of Representatives Standing Committee on Family and Community Affairs Committee Inquiry into Drug Abuse: How are we handling it? Canberra, 9 June.
- **209. Hall, W.** Trends in illicit drug use in Australia. Presentation to Community Forum, Fairfield, Sydney, 21 June.
- **210.** Hall, W. Briefing on report of Working Party on the Use of Cannabis for Medical Purposes. Presentation to Premier's Expert Advisory Group on Drugs, Sydney, 22 June.
- 211. Hall, W. Estimating the number of dependent heroin users in Australia. Presentation to National Addiction Centre, Institute of Psychiatry, London, 12 July.

- **212.** Hall, W. *Estimating the number of dependent heroin users in Australia.* Presentation to the Centre for Drugs and Health Behaviour, London, 13 July.
- **213.** Hall, W. Performance indicators for drug law enforcement. Seminar given to NSW Police Centre, Sydney, 27 July.
- 214. Hall, W. Reducing the harms of cannabis use; the Australian policy debate. Presentation to Master of Public Health Course, University of Sydney, Sydney, 2 August.
- **215. Hall, W.** Gave Evidence to House of Representatives Standing Committee on Family and Community Affairs Committee Inquiry into Drug Abuse: How are we handling it?, Canberra, 14 August.
- **216.** Hall, W. *Co-morbidity: why does it matter?* Presentation to Co-morbidity, a CEIDA and NDARC Seminar, Sydney, 15 August.
- **217. Hall, W.** Reducing the harms of heroin use: the Australian policy debate. Presentation to Masters of Public Health Lecture, Sydney, 16 August.
- **218.** Hall, W. Briefing on findings and recommendations of Working Party on the use of cannabis for medical purposes. Presentation to NSW Expert Advisory Group on Drugs, Sydney, 17 August.
- **219.** Hall, W. *How many dependent heroin users are there in Australia?* Presentation to NSW Bureau of Crime Statistics and Research, Attorney General's Department, Sydney, 17 August.
- 220. Hall, W. Assessing the public health impact of heroin prescribing. Presentation to NSW Branch, Public Health Association of Australia, Sydney, 23 August.
- **221. Hall, W.** *Trends in opioid overdose death in Australia.* Presentation to King County Heroin Overdose Task Force, King County Department of Public Health, Seattle, Washington, 12 September.
- **222.** Hall, W. Reducing the harm of cannabis use: The Australian policy debate. Presentation to Alcohol and Drug Abuse Institute, University of Washington, Seattle, Washington, 13 September.
- **223.** Hall, W. Heroin use in Australia: lessons for social policies towards biotechnologies. Presentation to Institute of Molecular Bioscience, University of Queensland, 17 October.





- **224. Hall, W.** Reducing the harms of cannabis use: the Australian policy debate. Presentation to School of Psychiatry, University of New South Wales, 3 November.
- 225. Hall, W. The Report of the Working Party on the Medical Uses of Cannabis. Presentation to Australian National Council on Drugs, Hobart, 15 December.
- **226. Kimber, J.** *Overview of European Experience of Supervised Injecting Centres.* Presentation to ACT Community Care Seminar Series for Treatment Works Week, Canberra, 28 June.
- **227.** Lynskey, M. Epidemiology of heroin use and dependence. Presentation to Public Health Lecture, Sydney, 9 August.
- **228.** O'Brien, S. *The Woolshed Study.* Presentation to ATCA National Workshop -Towards Better Practice in the New Millennium, Gold Coast, 5 November.
- **229.** Swift, W. *Cannabis.* Presentation to Annual General Meeting of the Employee Assistance Professional Association, NSW Branch, Sydney, 2 November.
- **230.** Teesson, M. The Australian Treatment Outcome Study: Heroin. Presentation to Reference Group Meeting, Adelaide, 14 June.
- **231.** Teesson, M. Treatment of alcohol disorders: Assessing the evidence. Presentation to Masters of Public Health Lecture, Sydney, 26 July.
- **232. Teeson, M.** *How common is co-morbidity?* Presentation to Co-morbidity, a CEIDA and NDARC Seminar, Sydney, 15 August.
- **233.** Teeson, M. Evaluation of a treatment program for persons with substance use and mental disorders in inner *Sydney*. Presentation to Co-morbidity, a CEIDA and NDARC Seminar, Sydney, 15 August.
- **234.** Teeson, M. A national response to comorbidity. Presentation to Co-morbidity, a CEIDA and NDARC Seminar, Sydney, 15 August.
- **235. Teesson, M.** *Comorbidity.* Presentation to European Association of Cognitive Behaviour Therapy, Spain, 26 September.
- **236.** Teesson, M. Compliance therapy in alcohol dependence. Presentation to European Association of Cognitive Behaviour Therapy, Spain, 26 September.

- **237.** Copeland, J. Young offenders, substance use, depression and suicidal behaviour' and 'Alcohol and other drug use issues among NSW juvenile detainees. Presentation to 1st Forensic Psychology Conference, Sydney, 11 February.
- **238.** Copeland, J. *The why and how of two cannabis interventions with young people.* Video-link presentation to 8 Queensland sites for health workers: Sydney, 6 June.
- **239.** Copeland, J. & Swift, W. Cannabis Use and Young People in Australia: Patterns of Use, Harms and Responses. Invited paper to the Alcohol and Drug Institute, University of Washington and the Innovative Programs Research Groups University of Washington School of Social Work: Seattle, Washington, 25 June.
- 240. Copeland, J. Adolescent cannabis use: harms and responses. Seminar to the Faculty of Applied Psychology, Griffith University, Gold Coast Campus, 7 September.
- 241. Darke, S. Suicide and overdose among methadone maintenance patients. Central Sydney Area Health Service, 29 January.
- **242.** Darke, S. Suicide and overdose among methadone maintenance patients. South Western Sydney Area Health Service, 30 January.
- 243. Darke, S. Suicide and overdose among methadone maintenance patients. Wentworth Area Health Service, 12 February.
- **244.** Darke, S. Depression, suicide and antidepressant use among injecting drug users. Brisbane Drug and Alcohol Services, Brisbane, 8 May (live broadcast to seven remote sites in Qld).
- 245. Darke, S. Suicide and overdose among methadone maintenance patients. Brisbane Drug and Alcohol Services, Brisbane, 8 May.
- 246. Darke, S. Results of the 2000 NSW Illicit Drug Reporting System. NSW Police Development Training course, University of Western Sydney, 10 May.
- 247. Degenhardt, L. Drug use among young people: trends, issues and consequences. Association of Heads of Independent Girls' Schools (AHIGS). Tara Girls' High School, Sydney, 19 August.



- 248. Degenhardt, L. *Heroin use in Australia: Public health and public order.* Lecture to students from the Masters of Public Health course, University of Sydney, Sydney, 22 August.
- 249. Degenhardt, L. Current drug trends 2001. Lecture to students from the Masters of Psychological Medicine course at the University of NSW, Darlinghurst, Sydney, 4 September.
- **250. Degenhardt, L.** *Current drug trends 2001.* Presented to Northolm High School, 5 September.
- 251. Degenhardt, L. Research methods. Lecture to students from the Masters of Psychological Medicine course at the University of NSW, Darlinghurst, 24 October.
- **252.** Degenhardt, L. Drug use in Australia: Current issues, emerging trends. Seminar presented to Banks House Clinic, Bankstown Hospital, 20 November.
- **253.** Digiusto, E. & Mattick, R. National Evaluation of Pharmacotherapies for Opioid Dependence. 2001 NDARC Seminar Series: NSW Drug Programs Bureau, 6 March.
- **254.** Dillon, P. Drug trends. Presentation to the Life Education Educators Meeting, Sydney, 30 January.
- **255.** Dillon, P. Current drug trends. Presentation to NIDA, Sydney, 22 February.
- **256.** Dillon, P. The use of performance enhancing drugs. Presentation to the Association of Independent Schools AIS 2 Unit PDHPE Day, Sydney, 19 March.
- 257. Dillon, P. Party drugs. Presentation to the Mosman High School Drug Information Day, Sydney, 22 March.
- **258.** Dillon, P. Club drugs and your patients. Presentation to Pfizer GP Meeting, Mandurah, 28 March.
- **259.** Dillon, P. Club drugs and your patients. Presentation to Pfizer GP Meeting, Perth, 29 March.
- **260.** Dillon, P. *Current NDARC research*. Next Step Seminar Series, Perth, 30 March.
- **261. Dillon, P.** *The media: manipulator or manipulated.* WANADA Seminar, Perth, 30 March.

- **262.** Dillon, P. Club drugs and your patients. Presentation to Pfizer GP Meeting, Underwater World, Hillarys, 31 March.
- **263.** Dillon, P. *Young people and risk taking.* Chatham High School, Taree, 4 April.
- **264.** Dillon, P. Current drug trends. Taree TAFE, Taree, 4 April.
- **265.** Dillon, P. *Young people and risk taking.* Foster High School, Taree, 4 April.
- **266.** Dillon, P. *Current drug trends*. Community Drug Action Team Community Meeting, Taree, 4 April.
- **267.** Dillon, P. *Club drugs: an update.* HIV Prescribers Course, Sydney, 6 May.
- **268.** Dillon, P. *Harm reduction: an overview.* TAFE Counsellors Training Course, Sydney, 7 May.
- **269.** Dillon, P. Treatments for alcohol and other drugs. TAFE Counsellors Training Course, Sydney, 7 May.
- **270.** Dillon, P. *Young people and risk taking.* Collary High School, Taree, 19 May.
- **271. Dillon, P.** *Current drug trends.* Tamworth Drug Awareness Week Meeting, Taree, 19 May.
- **272. Dillon, P.** *Current drug trends.* Waverley College, Bondi, 21 May.
- **273.** Dillon, P. Current party drug trends. ASHM HIV/HCV Short Course, Darlinghurst, 1 September.
- **274.** Dillon, P. *Young people and risk-taking.* Young Drivers' Expo, Tamworth, 4-6 September.
- **275.** Dillon, P. *Current drug trends*. North West Slopes Division of General Practice, GP Liaison Project, Tamworth, 4 September.
- **276.** Dillon, P. Young women and party drugs. Presentation at 'Rave and Rage – Challenges arising from substance use by young women', Ashfield, Sydney, 19 October.
- 277. Dillon, P. Current drug trends. Multicultural Drug Education Pilot Project Course, Sydney, 7 November.
- **278.** Dillon, P. Current drug trends. GP Training, Nepean College of General Practice, Penrith, 6 June.
- **279.** Dillon, P. *Current drug trends.* Muswellbrook Community Drug Forum, Muswellbrook, 7 June.



- **280.** Dolan, K. *RCT of prison methadone.* 2001 NDARC Seminar Series: NSW Drug Programs Bureau, 1 May.
- **281. Hall, W.** An overview of NDARC research. 2001 NDARC Seminar Series: NSW Drug Programs Bureau, 6 February.
- **282.** Hall, W. Evidence to House of Representatives Standing Committee on Family and Community Affairs Committee Inquiry into Drug Abuse: How are we handling it? Sydney, 21 February.
- **283. Hall, W.** *Logic of causal inferences.* Human Behaviour II, Medical Faculty, UNSW, 1 March.
- **284.** Hall, W. *The medical uses of cannabis.* Central Sydney Area Health Services Drug and Alcohol Services, Gladstone Hall, 9 March.
- **285. Hall, W.** *Towards evidence based addiction treatment.* Next Step Strategic Planning Day, Perth, Western Australia, 5 April.
- **286.** Hall, W. Cannabis and mental health. World Health Day Seminar, WA Department of Health, Subiaco, Western Australia, 6 April.
- **287.** Hall, W. *Comorbidity: What is it, why does it matter and what should we do about it?* WA Department of Health, Floreat, Western Australia, 9 April.
- **288.** Hall, W. *The Illicit Drug Reporting System* 1996-2001. Intergovernmental Committee on Drugs, Adelaide, 19 April.
- **289. Hall, W.** *How can we reduce opioid overdose deaths?* Psychology Department, University of Western Sydney, Milperra, 12 May.
- **290.** Hall, W. Minimising the harms caused by adolescent substance use. Annual Conference of the Royal Australasian College of Physicians, Sydney, 15 May.
- **291. Hall, W.** *How can we reduce opioid overdose deaths?* Psychology Department, University of Sydney, 26 May.
- **292. Mattick, R.** The National Evaluation of Pharmacotherapies for Opioid Dependence. Intergovernmental Committee on Drugs, Adelaide, 19 April.
- **293.** Mattick, R. The National Evaluation of Pharmacotherapies for Opioid Dependence. Ministerial Council on Drug Strategy, Adelaide, 31 July.

- **294.** Mattick, R. Western Australian Community Drug Summit: An Overview. Western Australian Community Drug Summit, Perth, 13-17 August.
- **295.** Ross, J. Australian Treatment Outcome Study (ATOS). 2001 NDARC Seminar Series: NSW Drug Programs Bureau, 5 June.
- **296.** Ross, J. *Comorbidity.* Paper presented at Rural GP Alcohol & Other Drug Conference, Orange, 3 November
- **297.** Ross, J. *Comorbidity.* Workshop presented at Rural GP Alcohol & Other Drug Conference, Orange, 3 November.
- **298.** Swift, W. Cannabis. Lecture to students from the Master of Public Health course, Sydney University, 15 August.
- **299.** Topp, L. *Stimulant use in Australia*. Paper presented at the NSW Cabinet Office Expert Advisory Committee for the Special Minister of State, 23 August.

- **300.** Breen, C. T*reatment for heroin dependence.* Paper to the Wentworth Area Health Service Seminar, 26 March.
- **301.** Copeland, J. *The Australian Adolescent Cannabis Check-up.* Paper to the National Addiction Centre, Institute of Psychiatry, Kings College, London, UK, 22 February.
- **302.** Copeland, J. *Cannabis: patterns of use, harms and medical uses.* Invited paper to the Human Development Teachers for the NSW Department of Education and Training: Sydney, 19 March.
- **303.** Copeland, J. Findings of the New South Wales Minimum Dataset of Clients of Alcohol and Other Drug Treatment Services. NDARC in-house seminar, Sydney, 21 March.
- **304.** Copeland, J. *Cannabis: patterns of use, harms and medical uses.* Invited paper to the Human Development Teachers for the NSW Department of Education and Training: Sydney, 22 March.
- **305.** Copeland, J. Adolescent Cannabis Check-up. Invited paper to the University of Sydney Interdepartmental Substance Abuse Research Group Seminar, Sydney, 24 May.



- **306.** Copeland, J. A RCT of Brief Interventions for Cannabis Problems Among Young Offenders in Australia: rationale, methodology and process issues. Invited paper to the Collaborative Research Unit, NSW Department of Juvenile Justice. Sydney, 26 July.
- **307.** Copeland, J. Cannabis: adolescent patterns of use, harms & interventions. Invited lecture to Masters of Social Health, Macquarie University, 16 August.
- **308.** Copeland, J. Women and drugs: gender-sensitive service provision. Invited lecture to Masters of Social Health, Macquarie University, 16 August.
- **309.** Copeland, J. The why and how of brief interventions for cannabis use disorder. Invited lecture to the Wentworth Area Health Service, Nepean Hospital, 27 August.
- **310.** Copeland, J. *Young people and drugs.* Invited address to the Trimmingham Foundation Family Drug Support, Burwood, 28 October.
- **311.** Copeland, J. Cannabis and adolescents: patterns of use, consequences and interventions. Keynote address to the Tasmanian TAFE Community Forum, Launceston, 1 November.
- **312.** Copeland, J. Cannabis: patterns of use, mental health and brief interventions. Invited paper to the NSW Alliance of General Practitioners' Drug and Alcohol and Mental Health Forum, Sydney, 15 November.
- **313. Darke, S.** *Consequences of non-fatal overdose.* Central Sydney Area Health Service Needle and Syringe Exchange Program, Sydney, 29 January.
- **314.** Darke, S. *Consequences of non-fatal overdose.* Tower Clinic Drug and Alcohol Service, Central Sydney Area Health Service, Sydney, 19 February.
- **315.** Darke, S. Overdose and suicide among heroin users. Department of Psychology, University of NSW, 6 March.
- **316.** Darke, S. Baseline data from the Australian Treatment Outcome Study (ATOS). We Help Ourselves (WHOS), Sydney, 19 March.
- **317.** Darke, S. Baseline data from the Australian Treatment Outcome Study (ATOS). Tower Clinic Drug and Alcohol Service, Central Sydney Area Health Service, Sydney, 12 March.
- **318.** Darke, S. Suicide among heroin users: rates, risk factors and methods. Central Coast Area Health Service, Gosford, 14 May.

- **319.** Darke, S. *Heroin overdose: causes and circumstances.* Medically Supervised Injecting Centre Training Seminar, Sydney, 19 June.
- **320.** Day, C. Discrimination of heroin users in Sydney: Is it based on drug use status or hepatitis C status? Invited seminar presented at Resource and Education Program for Injecting Drug Users (REPIDU). 9 April.
- **321.** Day, C. Treatment service use by heroin users in Sydney. Invited seminar presented at Resource and Education Program for Injecting Drug Users (REPIDU). 9 April.
- 322. Degenhardt, L. *GHB and crystal methamphetamine users in Australia*. Paper presented at Special Seminar for Sydney Youth Workers and Police Youth Liaison Officers, Ted Noffs Foundation, Randwick, Sydney, 18 January.
- **323. Degenhardt, L.** *Amphetamines: What's the story?* Wagga Wagga NSW Police Service/NDARC Information Session, Wagga Wagga, 6 August.
- **324.** Dillon, P. *Current drug trends*. Community Drug Action Team Information Evening, Peninsula, 7 February.
- **325. Dillon, P.** *Drugs and elite sportspeople.* Rugby Union Professional Development Course, NSW Academy of Sport, Sydney, 11 February.
- **326.** Dillon, P. *Current drug trends*. High Street Health Service Workshop, Harris Park, 12 February.
- **327.** Dillon, P. *Current drug trends.* Salvation Army Conference, Wollongong, 13 February.
- **328.** Dillon, P. Current drug trends. Southern Highlands Primary School Staff Training Evening, Mittagong, 13 February.
- **329. Dillon, P.** *Young people and risk-taking.* All Saints Catholic Girls College, Liverpool, 18 February.
- **330.** Dillon, P. Current drug trends. All Saints Catholic Girls College Staff Training, Liverpool, 18 February.
- **331. Dillon, P.** *Current drug trends.* All Saints Catholic Girls College Staff Parent Evening, Liverpool, 18 February.
- **332.** Dillon, P. *Young people and risk taking.* St Joseph's Regional High School, Port Macquarie, 20 February.
- **333.** Dillon, P. *Young people and risk taking*. Westport High School, Port Macquarie, 20 February.



- **334. Dillon, P.** *Current drug trends.* Hastings Community Drug Action Team Public Forum, Port Macquarie, 20 February.
- **335.** Dillon, P. *Young people and risk taking.* Wauchope High School, Wauchope, 21 February.
- **336.** Dillon, P. Young people and risk taking. Camden Haven High School, Camden Haven, 21 February.
- **337.** Dillon, P. *Current drug trends*. National Institute of Dramatic Arts, Sydney, 28 February.
- **338.** Dillon, P. *Young people and risk taking.* Our Lady of Mercy College, Parramatta, 6 March.
- **339.** Dillon, P. *Harm reduction and current drug trends.* TAFE Counsellors' Meeting, Sydney, 11 March.
- **340.** Dillon, P. *What's happening in research?* TAFE Counsellors' Meeting, Sydney, 11 March.
- **341.** Dillon, P. *Cannabis: What's the story?* Wentworth Area Health Service Cannabis Forum, Penrith, 12 March.
- **342. Dillon, P.** *Young people and risk taking.* Marist College Penshurst, Mortdale, 3 April.
- **343.** Dillon, P. *Current drug trends.* Bomaderry Public School Staff In-Service, Bomaderry, 8 April.
- **344.** Dillon, P. Current drug trends. Bomaderry Public School Parent Evening, Bomaderry, 8 April.
- **345.** Dillon, P. *Young people and risk taking.* McCarthy College, Emu Plains, 9 April.
- **346.** Dillon, P. *Young people and risk taking.* Newtown High School of the Performing Arts, 10 April.
- **347.** Dillon, P. New drugs, new risks: the current state of play in Australia. Invited presentation at the AMA Party Drug Summit, Canberra, 11 April.
- **348.** Dillon, P. *Drug information.* Workshop presented in Padang, Indonesia, 22-26 April.
- **349. Dillon**, **P**. *Drug information*. Workshop presented in Palembang, Indonesia, 29 April-3 May.
- **350.** Dillon, P. *Current drug trends.* Juvenile Justice Meeting, Bungador, 8 May.
- **351.** Dillon, P. Young people and risk taking. Kingscliff High School, 9 May.
- **352.** Dillon, P. *Young people and risk taking.* Waverley College, Bondi, 13 May.
- **353.** Dillon, P. *Current drug trends.* Waverley College, Bondi, 13 May.

- **354.** Dillon, P. *Current drug trends.* Parent Seminar, Waverley College, Bondi, 13 May.
- **355.** Dillon, P. *Young people and risk taking.* Callaghan College, Jesmond Campus, Newcastle, 15 May.
- **356.** Dillon, P. Current drug trends. HYPE Hornsby City Council, 16 May.
- **357.** Dillon, P. Current drug trends. Parent Seminar, Scots College, 17 May.
- **358.** Dillon, P. Ecstasy and the youth culture. Guest lecture to Anthropology students at Macquarie University, Sydney, 20 May.
- **359.** Dillon, P. *Young people and risk taking.* Bomaderry High School, 21 May.
- **360.** Dillon, P. *Current drug trends*. Bethlehem College, Ashfield, 21 May.
- **361.** Dillon, P. *Young people and risk taking.* Goulburn South High School, 27 May.
- **362. Dillon, P.** *Young people and risk taking.* Mulwaree High School, 27 May.
- 363. Dillon, P. Current drug trends. Goulburn, 27 May.
- **364.** Dillon, P. *Current drug trends.* Marist College, Penshurst, 28 May.
- **365. Dillon, P.** *Current drug trends.* Department of Juvenile Justice Western Cluster Conference, Dubbo, 29 May.
- **366.** Dillon, P. Alcohol and tobacco trends: the new data. NSW Education Department Meeting, Sydney, 30 May.
- **367.** Dillon, P. Current drug trends. Mt St Joseph's College, Milperra, 4 June.
- **368.** Dillon, P. *Young people and risk taking.* St John Basco College, Engadine, 6 June.
- **369. Dillon, P.** *Drug information.* Workshop presented in Makassar, Indonesia, 17-21 June.
- **370.** Dillon, P. *Current drug trends.* Granville South High School, Guildford, 22 July.
- **371.** Dillon, P. Current drug trends. Scots College, Rose Bay, 22 July.
- **372. Dillon, P.** *Current drug trends.* Loretto Normanhurst, Normanhurst, 23 July.
- **373.** Dillon, P. Young people and risk taking. Loretto Normanhurst, Normanhurst, 24 July.
- **374.** Dillon, P. *Current drug trends.* Community Drug Forum, Point Clair Public School, Woy Woy, 30 July.



- **375. Dillon, P.** *Cannabis: What's the story?* Wagga Wagga NSW Police Service/NDARC Information Session, Wagga Wagga, 6 August.
- **376.** Dillon, P. *Current drug trends*. Ballina Community Drug Information Expo, Ballina, 7 August.
- **377. Dillon, P.** *Current drug trends.* Division of GPs, Hornsby Hospital, Hornsby, 8 August.
- **378.** Dillon, P. *Young people and risk taking.* Freeman Catholic College, Bonnyrigg Heights, 19 August.
- **379. Dillon, P.** *Current drug trends.* St Andrews Primary School, Marayong, 20 August.
- **380.** Dillon, P. *Young people and risk taking.* August De La Salle College, Caringbah, 21 August.
- **381.** Dillon, P. Current trends in drug use. Sydney Hospital, Sydney, 23 August.
- **382.** Dillon, P. *Young people and risk taking.* Wenona College, North Sydney, 26 August.
- **383.** Dillon, P. *Current drug trends.* Wenona College, North Sydney, 27 August.
- **384. Dillon, P.** *Cannabis: What's the story*? Coffs Harbour NSW Police Service/NDARC Information Session, Coffs Harbour, 28 August.
- **385.** Dillon, P. *Young people and risk taking.* Riverside Girls High School, Sydney, 29 August.
- **386.** Dillon, P. *Current drug trends.* Erina High School Community Drug Summit, Erina, 3 September.
- **387. Dillon, P.** *Young people and risk taking.* All Saints Catholic Senior College, Casula, 5 September.
- **388.** Dillon, P. *Party drugs.* MPH Students Presentation, University of Sydney, 9 September.
- **389.** Dillon, P. *Current drug trends.* Parramatta Diocese Catholic Education Office Teacher Training Workshop, Blacktown. 10 September.
- **390.** Dillon, P. *Young people and risk taking.* Canberra College, Woden, 11 September.
- **391.** Dillon, P. *Current drug trends*. Canberra College, Woden, 11 September.
- **392.** Dillon, P. *Cannabis; What's the story?* Shoalhaven CDAT Community Drug Forum, Shoalhaven, 12 September.
- **393. Dillon, P.** *Party drugs.* Shoalhaven CDAT Community Drug Forum, Shoalhaven, 12 September.
- **394. Dillon, P.** *Cannabis; What's the story?* K-6 PDHPE Day, Inner West Catholic Education Office, Revesby, 16 September.

- **395. Dillon, P.** *Party drugs.* The Kensington Colleges, University of New South Wales, 17 September.
- **396.** Dillon, P. *Young people and risk taking.* Bethlehem College, Ashfield, 19 September.
- **397.** Dillon, P. Young people and resilience: Is my child likely to use drugs in the future? Creating String Foundations for our Children, A Family Fair, South Tweed Heads, 21 September.
- **398.** Dillon, P. Cannabis: What's the story? Regional Conference for CDATs, Tamworth, 26 September.
- **399. Dillon, P.** *Party drugs.* Regional Conference for CDATs, Tamworth, 26 September.
- **400.** Dillon, P. *Party drugs.* Commonwealth Department of Health and Ageing Update, Canberra, 27 September.
- **401.** Dillon, P. *Current drug trends.* North Coast Regional CDAT Conference 'Learning and Celebrating', Coffs Harbour, 7 November.
- **402. Dillon**, **P**. *Cannabis: what's the story?* 'Coffee, Cake and Cannabis', Wentworth Area Health Service, 13 November.
- **403. Dillon, P.** *Young people and risk taking.* RRISK Seminar, Lismore, 18-22 November.
- **404. Dillon, P.** *New drugs, new risks: current state of play in Australia.* Paper to Party Drugs Seminar hosted by the Drug and Alcohol Services Council of SA, Adelaide, 3 December.
- **405.** Dillon, P. Current drug trends. Paper to Youth Workers Meeting, Kempsey, 4 December.
- **406.** Dolan, K. Follow up study of a RCT of the NSW prison methadone program. Presented at NSW Corrections Health Service Research Symposium, Sydney, 30 May.
- **407.** Dolan, K. *Incidence of hepatitis C in prison.* Back to Basics Public Health Network: Epidemiology Special Interest Group, NSW Department of Health, Sydney, 12 June.
- **408.** Lawrinson, P. Implementation of routine outcome measures in alcohol and drug services: A consideration of key issues. Presentation to Ministry of Health personnel (Mental Health), Wellington, New Zealand, 2 September.
- **409.** Matalon, E. Information on drug use amongst adolescents. Invited to talk to parent self help group. Roseville, 8 April.



- **410.** Matalon, E. Brief cognitive-behavioural intervention for cannabis use disorder, patterns of use and harms. A series of nine workshops delivered to Alcohol and Other Drug workers and General Practitioners for the Division of General Practice, Melbourne 14-21 May.
- **411.** Mattick, R. Research in alcohol and other drugs. Has *it enhanced the field?* Paper to Odyssey House One-Day Forum, 24 October.
- **412. Spooner, C.** *Biopsychosocial perspectives on drugs and alcohol. Adolescents and substance use: Research trends on risk factors and protective factors and implications.* Paper presented UNSW Social Work Lecture Program, Sydney, 11 April.
- **413. Spooner C.** *The impact of the Medically Supervised Injecting Centre on public amenity and crime.* Presentation to the New South Wales Bureau of Crime Statistics and Research and invited others, 10 April.
- **414. Spooner C.** *The aetiology of drug use:* A broader approach with implications for prevention and treatment. Workshop for Next Step Drug and Alcohol Services, Perth, 9 May.
- **415.** Swift, W. Current issues in cannabis use and brief interventions. Paper presented at Pharmacology, psychostimulants and cannabis, a half-day seminar organised by the Ted Noffs Foundation, 18 January.
- **416.** Swift, W. Current issues in cannabis use and brief interventions. Paper presented to the Wentworth Area Health Service, 26 February.
- **417.** Swift, W. Adolescent cannabis use and brief interventions. Paper presented to the Early Psychosis Program, Sydney, May 9.
- **418.** Topp, L. Ecstasy use in Australia: patterns of use and associated harms. Paper presented at Special Seminar for Sydney Youth Workers and Police Youth Liaison Officers, Ted Noffs Foundation, Randwick, Sydney, 18 January.
- **419. Topp, L.** *Stimulant use in NSW.* Paper presented to the Senior Officers Coordinating Committee on Drugs, Office of Drug Policy, NSW Cabinet Office. Sydney, 20 February.
- **420.** Topp, L. Chairing of forum hosted by the AIDS Council of NSW, *Referral Pathways: A Focus on Methamphetamine*. Rushcutters Harbourside Hotel. Sydney, 22 February.

- **421. Topp, L.** *If you're going to use drugs, how do you reduce the risks?* Paper presented to the Kensington Colleges of UNSW, UNSW Kensington Campus, Sydney, 25 February.
- **422.** Topp, L. Australian Drug Tiends 2001. Paper presented to the National Expert Advisory Committee for Illicit Drugs, Airport Stamford Hotel, Sydney, 25 February.
- **423. Topp, L.** *Ecstasy use in Sydney: Patterns of use and associated harms.* Paper presented at the Eastern Suburbs Early Psychosis Support Group, Waverly Council, Bondi Junction, May 7.
- **424. Topp, L.** *Who uses 'ecstasy' and why?* Paper presented at Party Drugs Seminar hosted by Drug and Alcohol Services Council of South Australia, North Adelaide, May 14.
- **425. Topp, L.** What do you know about cannabis, speed and pills? Two hour question and answer session presented to the Manly Youth Council, Manly, May 20.
- **426.** Topp, L. Sydney's dynamic methamphetamine markets. Paper presented at ADIS in-service staff training, St Vincent's Hospital, Sydney, June 26.
- **427. Topp**, **L**. *Ecstasy: Past and present*. Lecture presented to University of New South Wales Year II medical students enrolled in Health Maintenance, July 24.
- **428. Topp, L.** *Amphetamines: What's the story?* Coffs Harbour NSW Police Service/NDARC Information Session, Coffs Harbour, 28 August.
- **429.** Topp, L. Synthetics: Destroying the fabric of our youth? Lecture to the Australian Federal Police Management of Serious Crime Course, Australian Federal Police College, Barton, ACT, 30 October.
- **430.** Topp, L. Implications for frontline workers of the emergence of potent forms of methamphetamine in Australia. Paper to the Invited Seminar Series of Turning Point Alcohol and Drug Centre Inc, Melbourne, 21 November.
- **431.** Topp, L. Implications for frontline workers of the emergence of potent forms of methamphetamine in Australia. Paper to Wentworth Drug and Alcohol Service Seminar, Wentworth Area Health Service, Nepean Hospital, Penrith, 26 November.
- **432.** Topp, L. *Who uses ecstasy and why?* Paper to Party Drugs Seminar hosted by the Drug and Alcohol Services Council of SA, Adelaide, 3 December.