

Annual Report
2010



CYSAR

**The Centre for Youth
Substance Abuse Research**

Finding Solutions, Improving Futures



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA



ihbi

Institute of Health and Biomedical Innovation

About CYSAR

*Finding Solutions,
Improving Futures*

The Centre for Youth Substance Abuse Research (CYSAR) was established in 2008 through the shared vision of the Graeme Wood Foundation and The University of Queensland's Faculty of Health Sciences.

CYSAR seeks to promote the health and well-being of young people by increasing Australia's capacity to respond effectively to the harm associated with alcohol, tobacco, and other drug misuse. CYSAR aims to:

- Understand the pathways by which young people engage in substance misuse
- Be at the cutting edge of research into new and innovative ways of preventing and treating substance misuse among young people
- Make significant and tangible improvements to youth service provision
- Positively influence state and national approaches to youth substance misuse prevention and treatment through information dissemination, policy refinement and public advocacy, and
- Ensure youth have a voice and input into the research directions of the Centre.

***CYSAR is supported
through a philanthropic
contribution from
Graeme Wood Foundation***



CYSAR partnerships have made it possible to draw together the research and clinical expertise of internationally regarded Australian scholars in the field of substance use disorders. CYSAR's partner organisations are:

- Faculty of Health Sciences, The University of Queensland
- The Institute of Health and Biomedical Innovation, Queensland University of Technology
- Faculty of Social and Behavioural Sciences, The University of Queensland
- Institute for Social Science Research, The University of Queensland

Table of Contents

DIRECTOR'S REPORT	4
DEPUTY DIRECTOR'S REPORT	5
ADVISORY BOARD & ORGANISATIONAL STRUCTURE	7
STAFF MEMBERS	8
STAFF MEMBERS' PROFESSIONAL ACTIVITIES	11
HONORARY, AFFILIATE AND ADJUNCT STAFF	12
STUDENT PROFILES: Meet our talented young researchers	14
2010 RESEARCH ACTIVITIES	16
Individuals and Families: Making a Difference	17
Schools and Communities: Engaging Young People	20
Schools and Communities: Supporting Systems	21
Policy and Population Research: The Bigger Picture	22
PUBLICATIONS	25
GRANTS	31
APPENDIX: Full List of Projects	33



Director's Report

Jason Connor, UQ

The second year of operation for the Centre for Youth Substance Abuse Research (CYSAR) has been very productive. This would not have been possible without the continuing support from the Graeme Wood Foundation and strong partnerships between the Faculty of Health Sciences (UQ), Institute of Health and Biomedical Innovation (QUT), Faculty of Social and Behavioural Sciences (UQ) and the Institute for Social Sciences Research (UQ).

CYSAR is having a positive impact across key areas of youth substance abuse. Our innovative programs of research range from improvements in front line delivery of youth alcohol and drug services to large scale early prevention programs. This year saw the development of a substantial research collaboration with the Centre for Adolescent Health, Deakin University (both in Melbourne) and the University of Washington. This collaboration involves internationally recognised youth substance abuse researchers and extends a body of ground-breaking work designed to have a tangible and sustainable impact on substance misuse in young people.

Some highlights for 2010 include:

- The appointment of Dr Leanne Hides as the Centre's Deputy Director. Based at the Institute of Health and Biomedical Innovation (QUT), Leanne is an outstanding researcher and clinical psychologist. She will take a senior role in shaping the research agenda for the Centre.
- CYSAR staff again enjoyed notable success in the National Health and Medical Research Council (NHMRC) and Australian Research Council (ARC) funding rounds, including an NHMRC Career Development Fellowship to Associate Professor Rosa Alati. The Centre also secured additional competitive research funding to establish community-based alcohol and drug interventions and develop research partnerships with the Queensland Department of Premier and Cabinet. This strongly positions the Centre to make important contributions at both prevention and policy levels.
- Engagement with Smart Artz, a non-profit creative agency for young people – by young people, to develop creative ways of conveying messages about alcohol-related harm that are engaging and accessible to youth.
- A doubling of the Centre's research dissemination in

journals, books and conferences from the previous year. A publishing highlight of 2010 was *Young People and Alcohol: Impact, Policy, Prevention, Treatment* (Wiley-Blackwell Publishers) edited by John Saunders, an Honorary Professor in CYSAR.

- Formalising a consultation process with young people that contributes to the strategic direction of the Centre and provides critical feedback on our programs of research.
- Taking a leading role in service development to improve treatment outcomes for youth that are currently engaged in high risk substance use. This has occurred through joint staff appointments in public youth alcohol and drug services with our clinically trained research staff.
- CYSAR welcomed two new PhD students: Karen Li (Clinical Psychology) and Gary Chan (Statistics and Psychology). Both Karen and Gary are first class honours graduates who are supported through CYSAR PhD scholarships.
- The appointment of two affiliate staff, Dr Genevieve Dingle and Dr Natalie Loxton, from the Faculty of Social and Behavioural Sciences (UQ); and an adjunct staff Mr John Kelly from 'Hot House' (Alcohol and Drug Service), Youth Community Team, Queensland Health.

CYSAR staff and supporters can reflect on a year of considerable achievement and consolidation. Two years ago when CYSAR was established, the Graeme Wood Foundation provided us with a vision to "make a difference" to youth substance abuse. Through the high quality work of Centre staff and partner organisations, we are now identified as a research centre that is making a tangible impact on a national health priority: youth substance abuse.



JASON CONNOR

Associate Professor, Director, CYSAR
Faculty of Health Sciences,
The University of Queensland



Deputy Director's Report

Leanne Hides, QUT

As the new Deputy Director of CYSAR, I'm very excited about joining the team and contributing to the innovative and important work being undertaken in the Centre. My research interests are in the treatment of youth substance use disorders and, more recently, prevention. I have worked as a clinical psychologist in a variety of clinical research roles with young people experiencing substance use and mental health problems since 1998. After completing my PhD on cannabis use and psychosis in 2003, I spent seven years developing a specialist youth co-morbidity program across the mental health, substance use and primary care sectors at the Orygen Youth Health Research Centre, University of Melbourne. I returned to Queensland in April 2010 to commence a Vice-Chancellor's Senior Research Fellowship at QUT and continue youth substance misuse research.

QUT has a number of key research strengths in youth substance use and misuse, which closely align with the research themes of CYSAR. These include:

Information Technology

- Electronic Gaming as an intervention for youth with substance misuse problems
- Online improvisational music environments as a strategy to engage young people and reduce substance misuse
- The use of smart phone technology in substance abuse prevention
- Key researchers: Professor Judy Drennan, Dr Steven Dillon, Dr Dian Tjondronegoro, Dr Daniel Johnson

Information Technology

- Understanding and preventing alcohol and drug-related injury and harm among young people
- The impact of alcohol and drugs on decision-making processes and driving performance in young people
- Key researchers: Professor Barry Watson, Professor Jeremy Davey, Emeritus Professor Mary Sheehan, Dr Lisa Buckley and Dr Kirsten McKenzie

Substance Use and Mental Health

- Assessment and treatment of substance misuse and co-morbid of substance use and mental disorders in young people
- Brief online interventions to reduce alcohol and drug use related risk taking behaviours, harm and injuries among young substance users
- Understanding the progression from substance misuse to dependence in young people
- Predictors of youth substance misuse onset and maintenance in indigenous populations
- Genetic factors in substance use and mental health disorders
- Key researchers: Professor David Kavanagh, Professor Ross Young, Dr Leanne Hides, Professor Ian Shochet, Dr Phil Crane, Dr Joanne Voisey, and Professor Michael Dunne

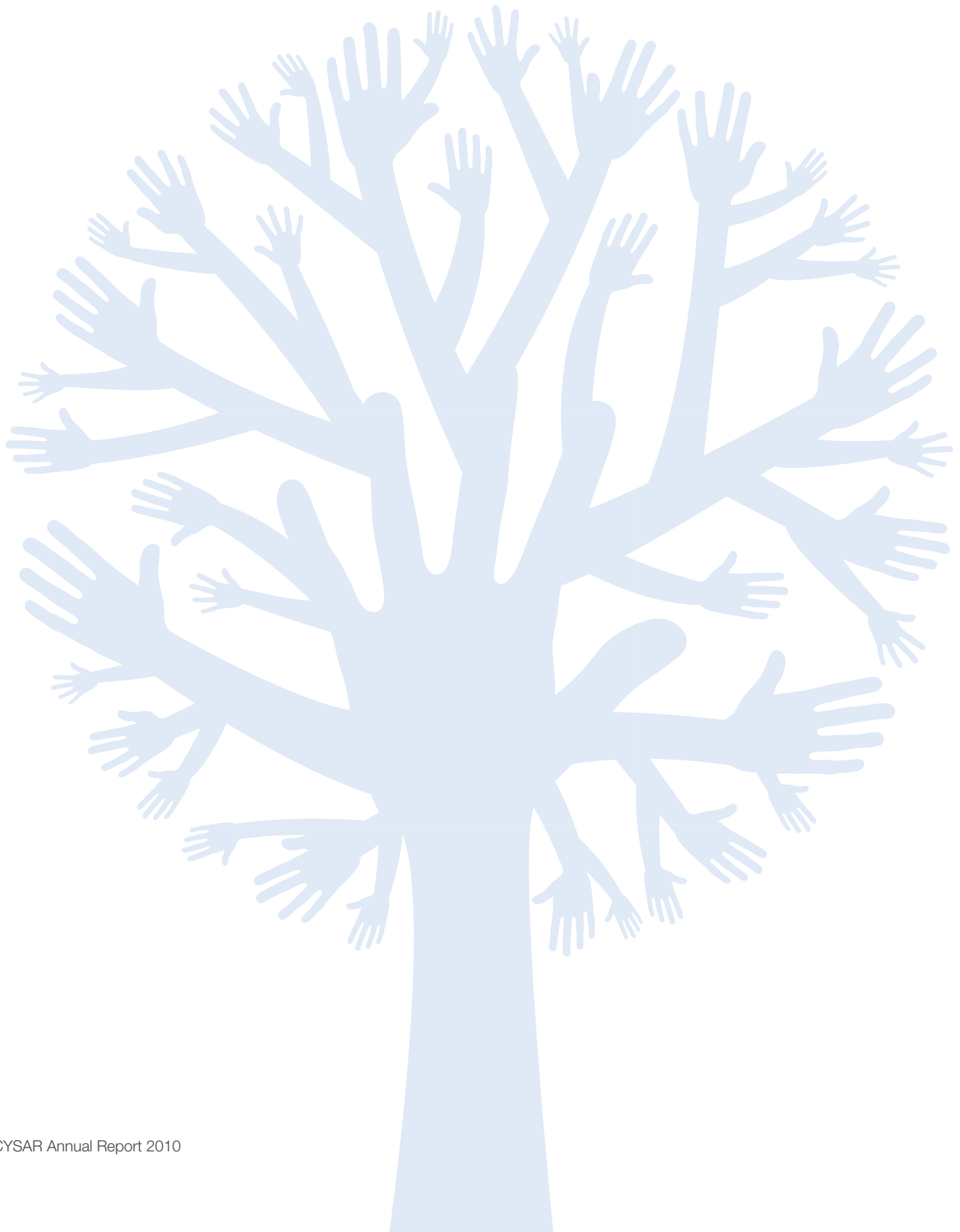
QUT is looking forward to further developing these collaborative projects as part of our partnership with CYSAR. The recent success of the Young People, Technology and Well-Being Collaborative Research Centre (YAW-CRC), which includes QUT as a key partner, provides the essential foundations for this partnership to proceed.



LEANNE HIDES

Dr Leanne Hides, Deputy Director, CYSAR,
Institute of Health and Biomedical Innovation,
Queensland University of Technology

CYSAR People



Advisory Board

Professor Sue Tett

Acting Executive Dean, Faculty of Health Sciences,
The University of Queensland (Chair)

Associate Professor Jason Connor

Director, CYSAR, The University of Queensland

Professor David de Vaus*

Executive Dean, Faculty of Social and Behavioural Sciences,
The University of Queensland

Ms Carrie Fowlie

Youth Sector Representative, Youth Coalition of the ACT

Professor David Kavanagh*

Institute of Health and Biomedical Innovation,
Queensland University of Technology

Dr Kevin Lambkin

Director, Preventative Health
Queensland Health

Professor Doune Macdonald

Head of School of Human Movement Studies,
The University of Queensland

Professor Graham Martin

Clinical Director, Royal Children's Hospital and Brisbane North
Child and Youth Mental Health Service

Professor Lorraine Mazerolle*

Program Director, Policing and Security, Institute of Social
Sciences Research, The University of Queensland

Associate Professor Brett McDermott

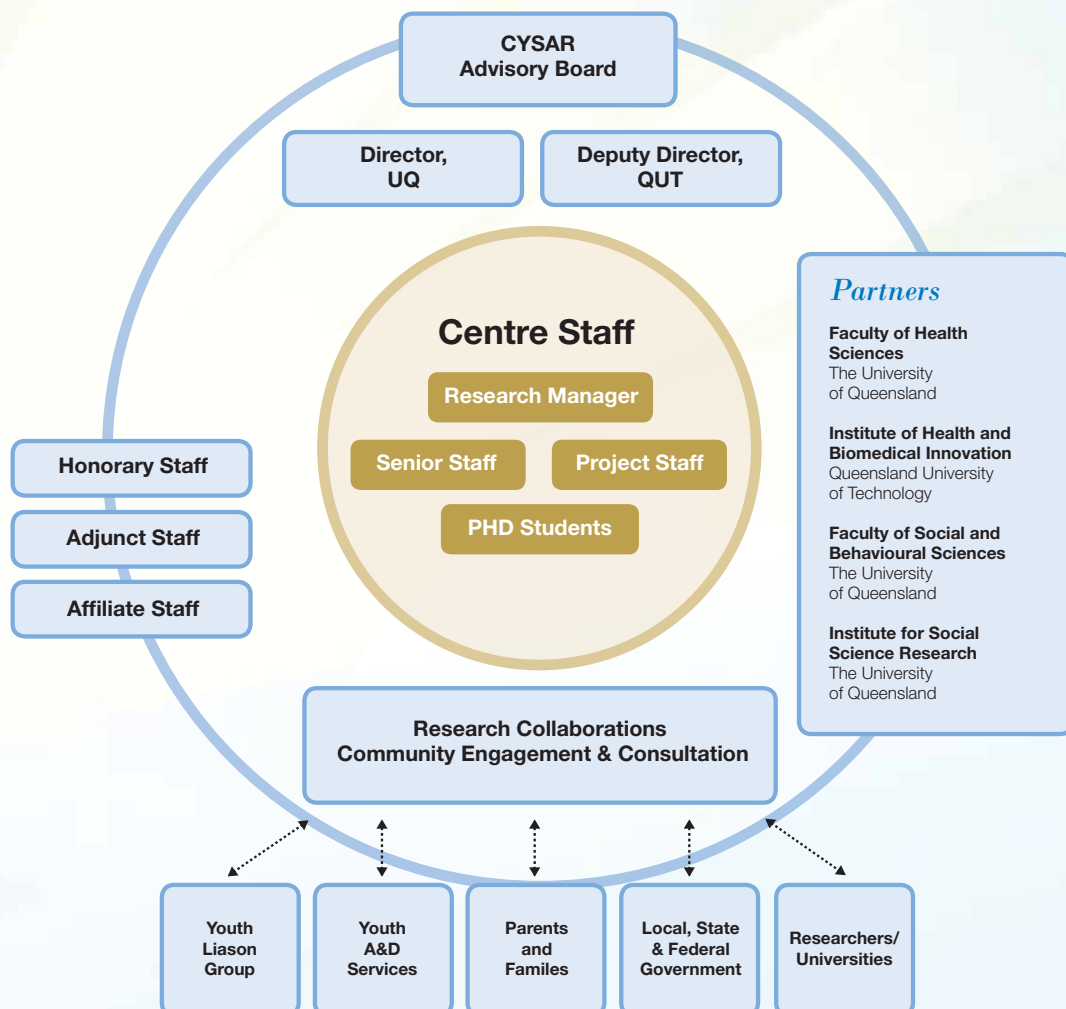
Director, Mater Child and Youth Mental Health Service

Professor Ross Young*

Executive Director, Institute of Health and Biomedical Innovation,
Queensland University of Technology

* represents CYSAR partner organisations

Organisational Structure



CYSAR People

Staff Members



Associate Professor Jason Connor
PhD, MAPS. **CYSAR DIRECTOR**

Jason is a clinical and health psychologist with research expertise in the psychological and genetic factors contributing to addiction. Recent research projects include youth substance abuse prevention and the efficacy of psychological and pharmacological treatments for alcohol dependence. His research is supported by current NHMRC and ARC funding. Jason also holds appointments in the School of Medicine, School of Psychology and Queensland Health.



Dr Leanne Hides, PhD, MAPS.
CYSAR DEPUTY DIRECTOR

Leanne is a Vice Chancellor's Senior Research Fellow at the Institute of Health and Biomedical Innovation (IHBI). Leanne is a clinical psychologist with over 10 years of clinical and research experience in the assessment and treatment of primary and co-occurring substance use disorders in young people. Her main areas of interest include the efficacy of early interventions for primary and comorbid substance misuse, including the development of online interventions.



Dr Angela White, PhD, MAPS.
MANAGER OF CYSAR RESEARCH

Angela is a clinical psychologist and the Manager of Research at CYSAR. She has over 20 years of clinical experience in the area of adult and youth mental health. Angela has conducted research in a range of areas including depression, psychosis, substance use, mental illness, co-occurring mental health and substance use disorders, family/carer support, and the application of new media in treatment.



The CYSAR Team

Back row (L-R): Gary Chan, Martin O'Flaherty, Jason Connor, Ross Young#, David Kavanagh#, Adrian Kelly, Peter Baker
Middle Row (L-R): Caroline Salom, Renee Fletcher, Charlotte Brakenridge, Leanne Hides, Angela White
Sitting (L-R): Rosa Alati, Dayna Smith, Lake-Hui Quek

Absent: Kate van Dooren, Matt O'Connor, Karen Li, Lauren Rose, Suzi George

IBHI partners



CYSAR People

Staff Members



Associate Professor Rosa Alati, PhD

Rosa is an NHMRC research fellow with a background in Indigenous health research and the life course epidemiology of alcohol and mental health disorders. Her research also examines the effects of excessive alcohol and tobacco use during pregnancy. Rosa holds a concurrent appointment with the School of Population Health and has received an NHMRC Career Development Award to pursue her research.



Dr Peter Baker, PhD

Peter holds a joint position as Senior Lecturer in Statistics at the School of Population Health and Consultant Statistician for CYRAR. Peter is currently researching: causal models for epidemiology; statistical methods for modelling trajectories of alcohol consumption in youths; and analysis of longitudinal study data relating cardiovascular risks to behavioural and demographic traits.



Ms Charlotte Brakenridge, BPsySc (Hons)

Charlotte is a Research Assistant for CYRAR. She is completing a literature review on polysubstance use in young people to inform future research directions for the Centre.



Dr Suzi George, DPsych, MAPS

Suzi is a clinical psychologist and clinical neuropsychologist. She is researching the relationship between personality and substance misuse in children.



Associate Professor Adrian Kelly, PhD, MAPS

Adrian is a clinical psychologist with expertise in the development, prevention and treatment of youth substance abuse and related problems. His primary interest is in how family interactions and emotional climate contribute to and protect young people from alcohol and drug-related harm. Adrian is also examining how the characteristics of communities, schools and families interact to predict substance use experimentation.

CYSAR People

Staff Members



Mr Matt O'Connor, BPSySc (Hons)

Matt is an experienced youth facilitator and the youngest Director of the Inspire Foundation. He has a passion for mental health, including factors which help to promote mental health and wellbeing in young people, and understanding how people access services in their community.



Mr Martin O'Flaherty, BA (Hons)

Martin is a Research Officer with expertise in statistical methods. He is currently working on projects examining poly substance use patterns in Australia and the effect of the 'Alcopops' tax. Martin is also interested in the relationships between family environment, school connectedness and adolescent substance use.



Dr Lake-Hui Quek, PhD, MAPS

Lake-Hui is a psychologist with experience in clinical research projects delivering interventions for depression, anxiety and substance use. She is currently working in consultation with youth AOD services to improve measurement of outcome and efficient data management. Lake-Hui has a particular interest in the use of Mindfulness and Acceptance Commitment Therapy in treatment.



Dr Lauren Rose, DPsych, MAPS

Lauren managed the day to day running of Project SHIELD until mid 2010. She has a background in health psychology and is passionate about the positive development of young people using a health promotion and prevention framework.



Ms Caroline Salom, BSc (Hons)

Caroline joined the Centre having managed teams in the non-government drug and alcohol field after a long period in molecular medical research. Her expertise is in prevention, policy and program evaluation, particularly around alcohol and youth celebrations. She is keenly interested in completing the cycle of research, practice improvement, and working closely with service providers and training bodies.



Ms Dayna Smith, MClinPsych, MAPS

Dayna is a psychologist with extensive experience working with children, adolescents and families affected by trauma. She is Research Officer on Project SHIELD, a brief parenting program aimed at empowering parents to minimise adolescent alcohol-related harm.



Dr Fred Arne Thornberg, PhD, MAPS

Fred is a clinical psychologist with experience in the assessment and treatment of substance use disorders. He is a Postdoctoral Research Fellow based at IHBI (QUT). Fred has been working on developing multidisciplinary youth substance abuse collaborations between QUT and UQ, with an emphasis on Technology, Injury Prevention and Mental Health. He has also been undertaking a systematic review on risk factors for alcohol and cannabis use disorders in young people.



Ms Kate van Dooren, BSc

Kate is a Research Officer at CYSAR, and contributes to the Centre's communication materials. Kate is also a PhD candidate at the School of Population Health, The University of Queensland, where her research focuses on the health-related experiences of young ex-prisoners. She is concurrently completing post-graduate studies in professional communication at UQ.



CYSAR People

Staff Member's Professional Activities

Associate Professor Rosa Alati

Member of ARIA (Association for Research between Italy and Australasia) - Queensland

Dr Peter Baker

International Biometric Society
International Society for Bayesian Analysis
Statistical Society of Australia Inc

Associate Professor Jason Connor

Australian Psychological Society (APS)
APS College of Clinical Psychologists
APS College of Health Psychologists
Australian Association for Cognitive and Behavioural Therapy
American Association for Psychological Science
Australian Health Practitioner Regulation Agency (APHRA) – registered psychologist and accredited supervisor

Professional Activities

Clinical Supervisor, Royal Australian College of Psychiatrists
Clinical Supervisor, UQ Psychology Clinic, The University of Queensland
Affiliate Associate Professor, School of Psychology, The University of Queensland
Convenor, APS Course Approval Advisory Committee (2004-2010)
Member, National Executive, APS specialist Health College (2004-2010)

Dr Leanne Hides

Australian Psychological Society (APS)
APS College of Clinical Psychologists
Australian Health Practitioner Regulation Agency (APHRA) – registered psychologist
Australian Association for Cognitive Behaviour Therapy (AACBT) -
Current National President

Associate Professor Adrian Kelly

Australian Psychological Society (APS)
APS College of Clinical Psychologists
Australian Health Practitioner Regulation Agency (APHRA) – registered psychologist

Dr Lake-Hui Quek

Australian Psychological Society (APS)
Australian Health Practitioner Regulation Agency (APHRA) – registered psychologist

Ms. Caroline Salom

Australian Professional Society for Alcohol and Other Drugs (APSAD)
Alcohol and Drug Council of Australia (ADCA)
Australian Society for Medical Research (ASMR)

Professional Activities

Australian Winter School Conference, Vice-chair, organising committee
ADCA Workforce Reference Group
Course Design/Industry Reference Groups, Member

Ms. Dayna Smith

Australian Psychological Society (APS)
Australian Health Practitioner Regulation Agency (APHRA) – registered psychologist

Dr Fred Arne Thornberg

Australian Psychological Society (APS)
Australian Health Practitioner Regulation Agency (APHRA) – registered psychologist

Dr Angela White

Australian Association for Cognitive and Behavioural Therapy
Australian Psychological Society (APS)
APS College of Clinical Psychologists
Australian Health Practitioner Regulation Agency (APHRA) – registered psychologist

Professional Activities

Adjunct appointment, the Institute of Health and Biomedical Innovation (IHBI), Queensland University of Technology
Clinical Supervisor, UQ Psychology Clinic, The University of Queensland
Clinical consultant/supervisor, Department of Psychology and Counselling, Queensland University of Technology

CYSAR memberships

CYSAR is a member of the Alcohol, Other Drugs & Mental Health Collaborative. This Collaborative was established to advise on and support the development of services for individuals with co-occurring mental health and alcohol and/or other drug problems in Queensland. It includes representatives from Alcohol, Tobacco and Other Drug Services (ATODS), education sector, Mental Health Branch, Patient Safety Centre, Mental Health Services, Queensland Aboriginal and Torres Straits Islander Hub for Mental Health (QATSIHMH), QNADA, Children's Health Services, and Community Forensic Mental Health. Its aim is to work towards a coordinated approach to the provision of services ranging from health promotion, prevention and early intervention, and treatment including relapse prevention and rehabilitation.

CYSAR People

Honorary, Affiliate & Adjunct Staff



Honorary Staff



Professor Wayne Hall, PhD

Wayne is a National Health and Medical Research Council Australia Fellow. This fellowship is establishing a world-class research program that will focus on the ethical implications of new treatments for drug use and addiction that are emerging from cutting edge genetics and neuroscience. Wayne was formerly Director of the Office of Public Policy and Ethics at the Institute for Molecular Bioscience and Director of the National Drug and Alcohol Research Centre at the University of NSW.



Professor John B. Saunders, MD, FRACP, FAFPHM, FACHAM, FRCP

John is a consultant physician in internal medicine and addiction medicine. He works with the World Health Organization, is the Founding and Emeritus Editor-in-Chief of the Drug and Alcohol Review, a Vice-President of the International Society of Addiction Medicine, a member of WHO's Expert Advisory Panel on Substance Abuse, and was Co-Chair of the DSM V Substance Use Disorders Workgroup from 2003 to 2007.

Affiliate Staff



Associate Professor Annemaree Carroll, PhD

Annemaree is based in the School of Education at The University of Queensland. Her major research interests include at-risk behaviours of children and adolescents, Attention Deficit Hyperactivity Disorder, developmental trajectories of antisocial and aggressive behaviours, self-regulation and goal setting, and intervention and prevention approaches.



Dr Genevieve Dingle, PhD, MAPS

Genevieve is Lecturer in clinical psychology at The University of Queensland with over a decade of experience as a clinical psychologist. Her research focus is co-morbid mental health and substance use disorders, and the psychological constructs that help explain the link between these problems (e.g. emotion dysregulation and anxiety sensitivity). Genevieve is currently developing a brief intervention targeting these underlying constructs to prevent substance use disorders in young people.



Dr Natalie Loxton, PhD, MAPS

Natalie is a registered psychologist and Lecturer in the School of Psychology at The University of Queensland. Her major research areas include using biologically-based personality theories in examining the addiction processes involved in the progression from hazardous drinking to alcohol dependence and the use of targeted interventions for young people at risk of alcohol problems and for adults in treatment for alcohol dependence.



CYSAR People

Honorary, Affiliate & Adjunct Staff

Adjunct Staff



Associate Professor Gerald Feeney,
FRACP, FACHAM

Gerald is the Director of the Alcohol and Drug Assessment Unit at the Princess Alexandra Hospital, Brisbane and a Visiting Physician at the Queen Elizabeth II Hospital, Brisbane. His research work has a strong clinical focus and has influenced treatment practice in Australia and overseas, particularly his work involving medication use in alcohol dependence.



Dr Matthew Gullo, PhD, MAPS

Matthew is a clinically-trained psychologist with research expertise in impulsivity and substance use. His research focuses on the cognitive and neuropsychological mechanisms through which an impulsive temperament conveys risk for substance abuse. He is also interested in how these mechanisms develop during adolescence, a time when substance use typically begins. Matthew is currently employed as a Postdoctoral Fellow in the Institute of Psychology, Health and Society at the University of Liverpool, UK.



Mr John Kelly, MClinPsych

John Kelly is a psychologist and the Team Manager of Hot House (Youth Community Team, Alcohol and Drug Service, Metro North Health Service District, Queensland Health) a youth alcohol and drug counselling service. John has over 10 years working in the youth and alcohol and other drug sector, spanning clinical interventions, research, program development and education and training.



Ms Sophie Morson, BA (Hons.), MClinPsych

Sophie is a senior psychologist with the Child and Youth Mental Health Service of the Royal Children's Hospital, Children's Health Services. Sophie's role is aimed at building local capacity in early intervention for the mental health of young people aged 12-18 years through coordination of the Minding Young Minds Early Intervention program, with a particular focus on co-existing substance use. Sophie utilises her adjunct position to help promote the Centre's work directly to clinical services.



Meet our talented young researchers

CYSAR is committed to supporting the development and training of health professionals and researchers in the field of addiction. Students have the opportunity to work closely with Centre staff on innovative projects that make a meaningful contribution to the youth substance abuse area.

The team has extensive knowledge and expertise in areas of substance use, clinical and health psychology, youth development, public health, epidemiology and statistical modelling. Along with supervision and mentoring, students have access to a broad range of perspectives, experiences and opportunities to collaborate with other researchers.



Mr GARY Chan, BSc(statistics), BA(Psychology), MSc(Mathematics)

Gary is a PhD candidate with the Centre having been awarded a UQ International scholarship and a full PhD scholarship with top up funded in part by an ARC Discovery Project (Chief Investigator: A/Prof Adrian Kelly). The PhD scholarship will facilitate new research investigating how families and broader social networks interact, and how alcohol and other drug use develops in adolescence. Gary has expertise in mathematical modelling and psychology and is excited about the opportunity to apply state-of-the-art statistical methods to better understand the development of risky drinking behaviour among adolescents. Gary is supervised by Associate Professor Adrian Kelly (CYSAR), Associate Professor Michele Haynes (Institute for Social Sciences Research, UQ) and Professor Ross Young (Institute of Health and Biomedical Innovation, QUT).



CYSAR People

Student Profiles



Ms Renee Fletcher, BPsySc (Hon)

Renee completed a placement at CYSAR as part of the Master of Applied Psychology (Health) program in 2010. She is interested in health promotion in relation to addiction. During her placement, Renee developed resources for the Centre in consultation with young people and youth workers. For Renee, the placement “helped to bring together the psychological, public health, and sociological principles and skills learnt in her studies. It was particularly useful to see how research is translated into practice through youth engagement”. Renee’s placement was supervised by Associate Professor Jason Connor and Dr Angela White (CYSAR).

Exceptional students with a strong passion for addiction research can apply to undertake post-graduate training directly through CYSAR. A generous top-up scholarship may be offered, based on academic achievements.

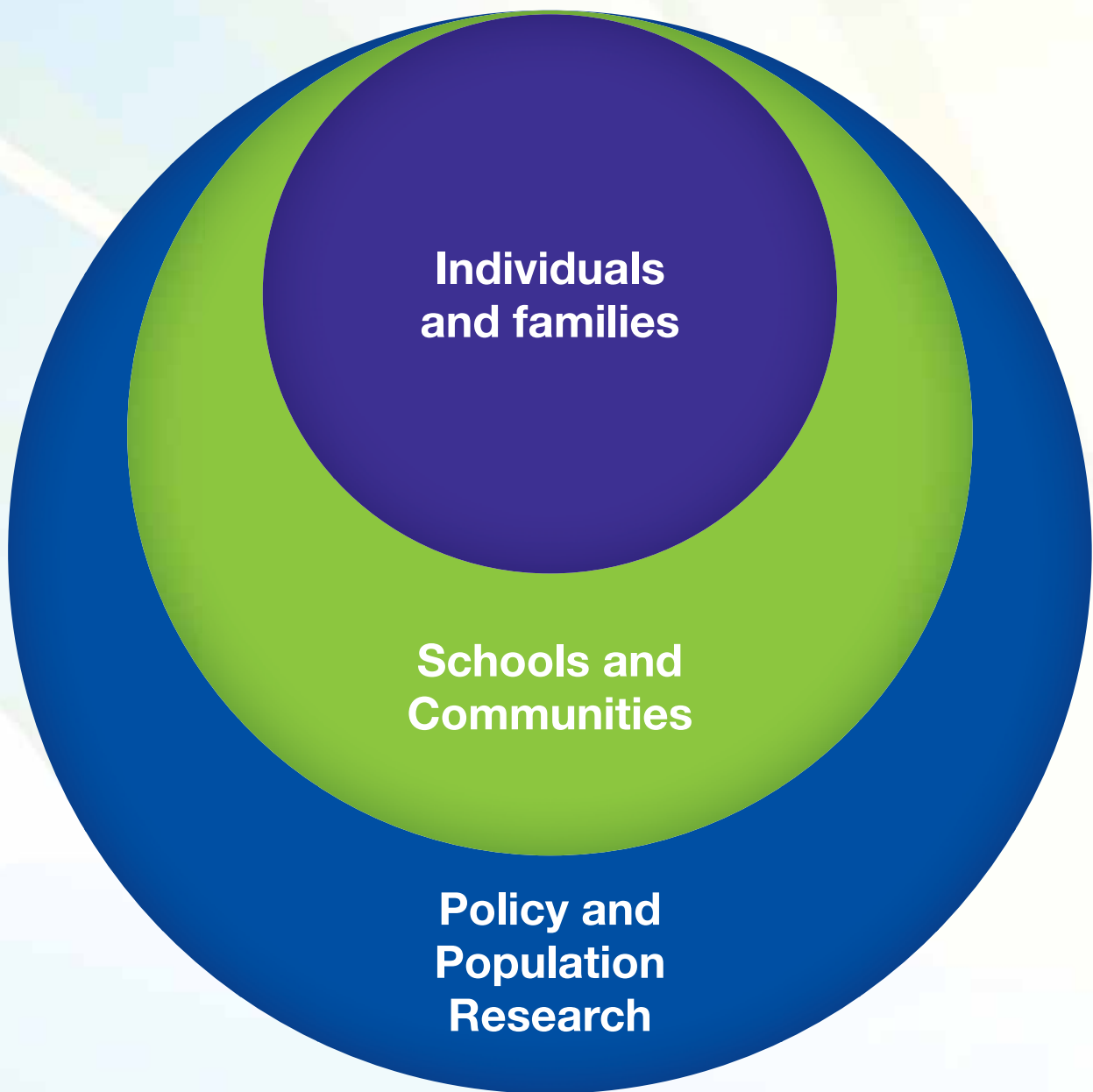


Ms. Karen Li, BA (Hon), Associate MAPS

Karen is a first class Honours graduate and a clinical PhD candidate with CYSAR and the School of Psychology. Karen was awarded a CYSAR top-up scholarship (to her Australian Postgraduate Award scholarship). Her main interest is in the dynamic relationship between parenting and adolescent alcohol use. In 2010, as part of her research, Karen spent time at the Melbourne Centre of Adolescent Health at the Murdoch Children’s Research Institute to work on the International Youth Development Study (IYDS) data collection. This is a large longitudinal study conducted in Victoria, Australia and Washington, United States. Karen’s time in Melbourne has given her an appreciation of the challenges of longitudinal data collection and enabled her to develop strong links with other researchers in the adolescent health field. Karen is supervised by Associate Professor Adrian Kelly and Associate Professor Jason Connor (CYSAR), Professor Kim Halford (School of Psychology, UQ) and Professor John Toumbourou (School of Psychology, Deakin University, Melbourne).

2010 Research Activities

CYSAR is developing a broad range of research programs to address substance misuse in young people. These programs strategically target several key areas. This work has included supporting individuals and families who are in need of help, working with schools and communities in a prevention framework, and to influence policy and practice through population-based research.





Individuals and Families

Making a Difference

Addressing risky drinking and other substance misuse by young people is a key national health priority. CYSAR supports families and the community through prevention-based research and developing the clinical skills of health and community professionals.

CYSAR staff works directly with parents and families, delivering an early intervention program. Another key priority of the Centre is engagement and collaboration with the youth health and welfare sector.

Working with front-line clinicians and agency staff, the focus has been integrating research as a tool to enhance quality service outcomes and inform practice using a scientist-practitioner framework. Centre staff members also play a role in training future generations of health professionals to address substance misuse. The focus of this area of research is making a difference for individuals and families in need of help.

Youth Health & Welfare Sector

In 2010, CYSAR extended its links and collaborations with this sector. It has directly engaged with a range of organisations that provide services to young people experiencing substance misuse. The aim is to promote and support services in the provision of evidence based practice across areas of prevention, assessment, intervention and program evaluation.

CYSAR staff focused on developing key strategic alliances with youth substance abuse services at the Mater Hospital (Adolescent Drug and Alcohol Withdrawal Services), Queensland Health (Hot House) and Brisbane Youth Service. Staff have also been involved in the Dovetail youth substance use evaluation committee (a Queensland peak body), the Mental Health and Substance Use Collaborative (a Queensland state government and non-government initiative) and the Resilience Partnership Working Party (a Brisbane City Council initiative towards improving the mental health and wellbeing of young people in the local region).

Treatment Outcome Measures Study

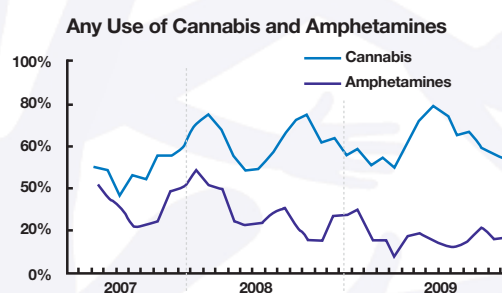
Accurately measuring treatment outcomes was one of the challenges identified through discussions with youth substance use service providers. Data are not only important for assessing the effectiveness of treatment, but also for informing policy and service planning. To facilitate this process, CYSAR set out to identify and review outcome measures suitable for youth alcohol and drug services in consultation with clinical staff. CYSAR has worked closely with ADAWS and BYS to refine their data collection processes, with the aim of reducing the paperwork burden for clinicians while maximising utility of information.

CYSAR Staff: Lake-Hui Quek, Angela White and Jason Connor.

Collaborators: Brett McDermott, Amanda Tilse (ADAWS), Cameron Francis (Dovetail), and Laura Christie (BYS).

Service Utilisation Data

Another key research study commenced in 2010 is examining patterns of substance use and service utilisation using existing health administrative data. Working collaboratively with the youth services, CYSAR has provided information on client profiles and service utilisation to assist with clinical decision-making. As an example, preliminary data suggests the prevalence of amphetamine and cannabis use for treatment-seeking adolescents was similar until a shift in mid 2008, when patterns of use diverged. We are now working with clinical staff to focus on delivering services that meet these changing needs.



CYSAR staff: Lake-Hui Quek, Angela White and Jason Connor.

Collaborators: Brett McDermott, Amanda Tilse (ADAWS), John Kelly, Emma Armitage (Hot House) and Laura Christie (BYS)

Individuals and Families

Making a Difference



Project SHIELD

Project SHIELD has been developed based on research findings indicating that parents and families can play an important protective role in teenage alcohol use. Funded by a grant from the National Health and Medical Research Council of Australia (NHMRC) over a three-year period, Project SHIELD investigates the efficacy of a brief parenting program aimed at empowering parents to minimise adolescent alcohol-related harm. A number of parent information evenings were conducted to further community awareness about adolescent alcohol use. Project SHIELD is in the final phase of recruitment and in 2011 will focus on determining if the approach trialled under this program is effective.

CYSAR Staff: Adrian Kelly, Dayna Smith and Lauren Rose.

Collaborators: Robert McMahon, Annemaree Carroll and Michelle Haynes.

Mobile Phone Applications for Tracking and Moderating Alcohol Use

It is challenging to engage young risky drinkers via traditional intervention approaches. The emergence of smart phones offers an unprecedented portable connectivity that allows individuals to gain access to information, support and assistance. CYSAR, in partnership with IHBI (QUT), developed a drink monitoring smart phone application (the OnTrack app). This approach harnesses emerging mobile and wireless technology to overcome time and geographic constraints, so that monitoring, information and advice are available directly to the young person as they are making decisions about drinking.

CYSAR Staff: Angela White and Jason Connor.

Collaborators: Judy Drennan, Marie-Louise Fry, David Kavanagh, Josephine Previte and Dian Tjondronegoro.

Queensland Police Service's Party Safe Initiative

Issues such as intoxication, violence, gate crashing and public nuisance are growing problems associated with parties, especially youth parties. Police, parents and young people themselves express concerns about patterns of party behaviour. In 2007, one in five Australians aged 14 years or older were the victims of alcohol-related incidents. A third of these were younger than 20 years, and a significant proportion reported physical abuse (18%), verbal abuse (10%) or fear of abuse (10%) occurring at a party (AIHW, 2007 National Drug Strategy Household Survey).

The Queensland Police Service's (QPS) Party Safe initiative was developed in 2003 to respond to such concerns. Practical information is provided to young hosts and parents to help them plan safer celebrations and hosts are strongly encouraged to register the parties with police. Information gained this way helps the police to better manage any issues that may arise. The collaborative approach improves communications between police and the community.

These harm reduction strategies are important initiatives, but regular review is needed to ensure programs such as this remain current, workable and relevant. In 2010, CYSAR was commissioned to undertake an independent review of the Party Safe program which involved extensive consultations with the police and across the wider community. The findings and recommendations of this review will assist in the further development of this important QPS initiative.

CYSAR staff: Caroline Salom and Adrian Kelly



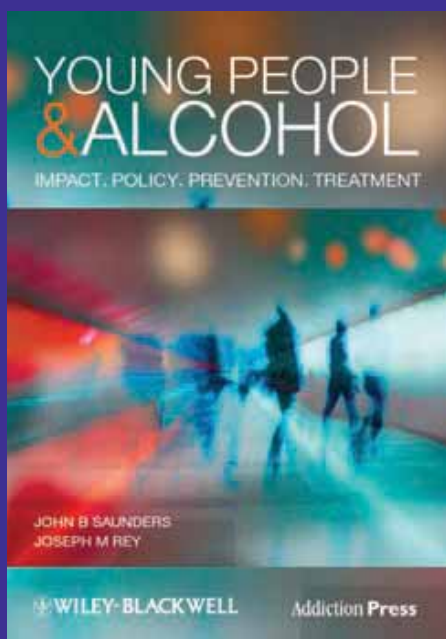
Individuals and Families

Making a Difference

New Text Book for Health Professionals by Prof John Saunders

John is a consultant physician in internal medicine and addiction medicine. His career as a clinician, researcher, teacher, and administrator in alcohol and drug services extends back over 25 years. His research interests include screening and brief intervention, diagnostic instruments, susceptibility to alcohol and drug-related disorders, treatment of alcohol and drug dependence, and medical education techniques.

John has worked with the World Health Organisation for many years and was responsible for developing the most widely used alcohol screening instrument, the Alcohol Use Disorders Identification Test (AUDIT). He is the Founding and Emeritus Editor-in-Chief of the Drug and Alcohol Review (a leading addiction journal), a Vice-President of the International Society of Addiction Medicine, a member of WHO's Expert Advisory Panel on Substance Abuse, and was Co-Chair of the Diagnostic and Statistical Manual of Mental Disorders (5th edition) Substance Use Disorders Workgroup from 2003 to 2007.



Developing Clinical Skills for the Next Generation of Health Professionals

CYSAR staff members are committed to developing clinical skills in the next generation of health professionals through teaching and publications.

A highlight in 2010 is a key text book published by Professor John Saunders. This will be useful reference for health professionals working with young people and alcohol (see profile on the left).

CYSAR staff members also teach future generations of health professionals, including students in the Schools of Medicine and Psychology, students on placements, and via RESTeach in the Schools of Nursing and Pharmacy.

RESTeach or Research Teaching is a University of Queensland initiative that provides resources for researchers to teach undergraduate and graduate coursework. CYSAR considers this role extremely important as it helps to develop a strong connection with future health professionals and provides an avenue to instill the importance of integrating research into practice. In the past year, CYSAR staff have addressed a range of topics including adolescent development; substance use disorders; assessment, diagnosis and treatment; and motivational interviewing to enhance positive health behaviours. These lectures and workshops were highly successful and CYSAR has been invited to conduct these programs again in 2011.

Schools and Communities

Engaging Young People



It is critical that young people can actively and meaningfully contribute to the research direction of the Centre. In 2010, CYSAR further developed a program of community engagement with young people and the Queensland-based youth sector. Centre staff also has an interest in youth-focused issues, such as the role of alcohol in celebration and the use of technology to reach young people.

How CYSAR engaged young people?

Youth Facilitation

The primary objective of this engagement was to identify ways in which young people could inform CYSAR's research and CYSAR could more effectively share its research findings with young people. Matt O'Connor (see profile) and the CYSAR team consulted young people to establish a framework for ongoing youth engagement.

Resource development

Renee Fletcher, our health psychology intern, developed a series of alcohol and other drug resources based on a synthesis of current research findings. Focus groups were run with a diverse range of young people (e.g. university students, community groups, and youth at risk of homelessness) to identify their needs and preferences in relation to drug and alcohol information, and to provide input about the resources developed.

Messaging

Smart Artz (see profile) is assisting CYSAR to engage young people in discussions about how they think messages about alcohol should be communicated. The group is working with schools and groups of young people in the community to develop creative ways of conveying ideas about alcohol-related harm. The aim is to establish more effective communication between researchers, youth and the alcohol and drug sector.



Matt O'Connor

Matt O'Connor, a young person with experience in youth participation, is a new addition to the CYSAR team. He is the youngest Director of the Inspire Foundation, a national non-profit organisation established in 1996 with a mission to create opportunities for young people. Matt not only brings his wealth of experience in youth facilitation, but also his passion and enthusiasm to the team. With assistance from the youth sector, Matt and the CYSAR team sought opinions from young people about the most appropriate forms of youth participation for CYSAR. This process has established a formal framework for ongoing youth engagement and consultation.



Smart Artz

"We are a non-profit creative agency for young people - by young people."

Our purpose is to engage with young minds and give them the opportunity to work on real projects, learn new skills and develop their creative potential.

We work with clients that have a youth focus or are looking to connect with young markets.

We produce creative concepts for 'getting the message across' by putting this challenge right in the hands of the key audience. This is what we call 'youth-sourcing'.

We live in a world full of creative potential, often undervalued and overlooked.

We believe that everyone has the potential to achieve great things, just not all in the same way. Smart Artz exist to give these minds an opportunity to unleash their creative spirit."

**We're ready when you are -
Change the way you think**



www.smartartz.org.au



Schools and Communities

Supporting Systems

Schoolies

CYSAR is working closely with community groups and government departments to address the issue of substance use by young people during celebratory events such as the end of Year 12 Schoolies celebrations. CYSAR has been working with the CHOICES team to evaluate the impact of the Choices drama program and how this approach can be used to address and enhance the health and wellbeing of over 5000 young people. The issue of Schoolies has also led CYSAR to work with the Queensland Department of Communities to revise the Schoolies parent information literature. In 2010, CYSAR staff members also facilitated an interactive forum around alcohol use and celebrations with Year 11 and 12 Health and Physical Education students, as well as conducting a series of school-based presentations to parents.

Schoolies Parent Survey

The high prevalence of alcohol-related injuries, sexual and physical assault, poisoning and motor vehicle accidents that occur during this annual Queensland event causes much worry to parents. This research is an on-line survey of parents' concerns and attitudes both before and after Schoolies. The survey seeks to document areas that concern parents and which could be targeted in prevention programs to reduce alcohol-related harm. Preliminary results suggest that over 70% of parents think that it is 'not okay' to supply their teenager with alcohol and do not plan to supply alcohol for their teenagers at Schoolies. Furthermore, a majority of parents would like more information about adolescent drinking (80%) and personal safety (90%). These findings indicate an opportunity to support parents with information and strategies to help protect their young people from harm at Schoolies.

CYSAR staff: Lake-Hui Quek, Angela White, Adrian Kelly, and Jason Connor.

Collaborators: Matt Sanders and Julie Hodges.

Communities That Care (CtC)

CtC is a multi-phase prevention-based program that identifies risk and protective factors for health and social wellbeing in young people and then recruits local community organisations to a coalition which works to reduce the risks and strengthen the protective factors. Through a consultation process, key priorities are identified and matched to evidence-based prevention programs. Additional training is provided to community practitioners as necessary. CtC has been highly successful in the United States, with large reductions in youth substance abuse and juvenile delinquency in communities that run the program. CtC is led nationally by Professor John Toumbourou (Deakin University and VicHealth). The project is currently seeking ongoing funding for a national implementation in Australia. CYSAR has been endorsed as the Queensland node. In 2010, CYSAR developed strong links with community agencies and secured initial funding from UQ's Collaboration and Industry Engagement Fund and partnered with The Department of the Premier and Cabinet (Queensland) to establish this program in Queensland. The funding will allow CYSAR to explore ways in which CtC can be adapted to Queensland's urban and remote communities.

CYSAR staff: Adrian Kelly, Jason Connor, Rosa Alati, Angela White, Lake-Hui Quek, and Caroline Salom.

'Choices'

'Choices' aims to promote and encourage safer partying, particularly around Schoolies celebrations. It involves an interactive drama presentation delivered to Year 12 students in fourteen high schools around Mackay and Townsville. The Choices team is a collaboration between the Department of Communities, Alcohol, Tobacco and Other Drugs Service (Queensland Health), the Sexual Health and Sexual Assault Service (Queensland Health), Queensland Police Service, Department of Transport and Main Roads, the Whitsunday Schoolies Advisory Committee, Conservatorium of Music, Central Queensland University and CYSAR.

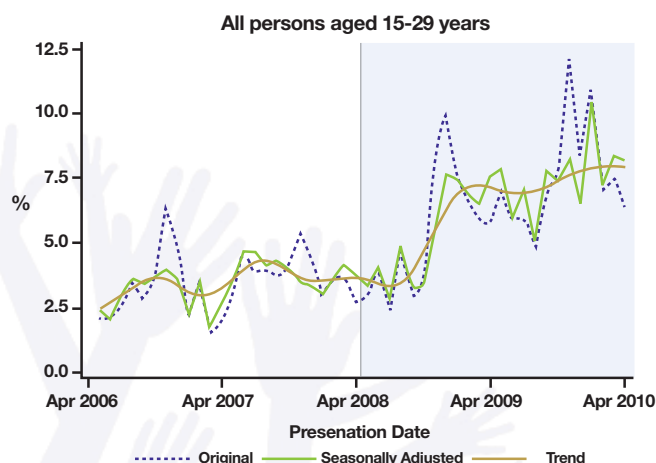
Policy & Population Research

The Bigger Picture



Research at a population level is being used by CYSAR to evaluate and inform policy and practice.

Collaborating with Australian and International researchers, CYSAR aims to increase the knowledge base on substance misuse and young people, including risk factors, trajectories, and impact on mental health.



The 'Alcopops' Project

Increasing concern about high-risk drinking by young people has led to a range of key national policy initiatives and community-based programs to reduce the adverse health impacts on Australia's youth. Evaluation of the effectiveness of these policies has been restricted by the lack of a longitudinal, uniform, 'real world' measure of alcohol-related harm in youth. With collaborators from Health LinQ (UQ), Professor Steve Kisely and Joanne Pais, this project applies hospital emergency department and admissions data to evaluate alcohol-related public health interventions and policy for young people. Alcohol-related injuries leading to emergency department visits and admissions to hospital represent a robust and tangible index of alcohol-related harm. Effective policy targeting youth drinking should translate to a reduction in these presentations. In 2010 we investigated the effectiveness of the ready-to-drink 'Alcopops' tax. Based on evidence that young people prefer ready-to-drink beverages, a 70% national excise was applied to the sale of these beverages. Sales data show that while 'Alcopops' sales dropped, beer and straight spirits sales increased, with a modest reduction overall alcohol sales. Our pilot data in the Gold Coast region indicate that the 'Alcopops' tax did not have a significant impact on hospital presentations, at least in the entertainment precinct of the Gold Coast (see figure above).

Kisely, S., Pais, J., White, A., Connor, J., Quek, L.H., et al. (2010, December). How routine data can measure the effectiveness of policies to reduce binge drinking in young people on the Gold Coast. The Gold Coast Health and Medical Research Conference, Gold Coast, Australia.

CYSAR staff: Angela White, Jason Connor, Lake-Hui Quek and Peter Baker.

Collaborators: Steve Kisely, Elizabeth Lin, David Lawrence, Mark Asbridge, John Toumbourou, Julia Crilly, Belinda Lloyd, Wayne Hall, Joanne Pais, Frances Kay-Lambkin, John O'Dwyer, Peter Miller, and Don Langille.



Policy & Population Research

The Bigger Picture

Risk Factors for Substance Misuse amongst Young People in Australia

This body of research examines patterns of tobacco, alcohol, and illicit drug use in young people aged 12-24 years using data from the 2007 National Drug Strategy Household Survey. For example, CYSAR investigated the impact of parental provision of alcohol on current alcohol use among 14-17 year olds in 2010. The results will inform how parents tackle the issue of alcohol use with their teenagers.

CYSAR staff: Adrian Kelly, Jason Connor, Rosa Alati, Angela White, Suzi George, Gary Chan and Martin O'Flaherty.

Social ecologies of youth alcohol and tobacco use

This is an exciting new collaboration between CYSAR, the Centre for Adolescent Health, Murdoch Children's Research Institute, Griffith University and the University of Washington. Using data from the Healthy Neighbourhoods Study (led by Dr Jo Williams and Professors John Toumbourou, George Patton and Ross Homel) and the International Youth Development Study (led by Professors John Toumbourou, George Patton, Richard Catalano, Sheryl Hemphill and Dr Tracy Evans-Whipp), this research examines how parents, families, schools and peer groups influence adolescent drinking, and how these systems interact. This is particularly pertinent as parent-oriented prevention strategies are under-utilised in Australia. Recent published findings from CYSAR's research indicate that relationships with parents have different influences on boys versus girls, and that emotional closeness to mothers protects girls from engagement with peer drinking networks. Early results reiterate the importance of engaging parents in prevention strategies.

CYSAR staff: Adrian Kelly, Martin O'Flaherty and Jason Connor.

Alcohol Trajectories in Adolescence

This study investigates how alcohol use in adolescence develops into harmful drinking in early adulthood. Existing evidence suggests that a range of parental, familial and individual factors are associated with patterns of alcohol use in adolescence and early adulthood. During this project we are also assessing how these trajectories impact on health and mental health in adulthood. Data are taken from the Australian Temperament Study, a Victorian cohort study of children followed up at regular intervals from early childhood to age 30. This is a continuing collaboration between the Australian Institute of Family Studies, Deakin University and The University of Queensland.

CYSAR staff: Rosa Alati and Peter Baker.

Alcohol use in pregnancy and childhood adversity

This is part of ongoing international collaborations with the Department of Social Medicine in Bristol and the National Perinatal Epidemiology Unit at the University of Oxford. It draws on data from an established birth cohort study of a well-characterised population-based pregnancy and birth cohort of over 14,000 mothers and their children from 1990 in the Avon area of England. This study examines the effects of low-to-moderate levels of alcohol use in pregnancy and a variety of neuro-developmental outcomes. This study is now nearing completion with results likely to be published in 2011. The research findings are expected to make a critical contribution to clarify the extent to which moderate-to-low consumption of alcohol in pregnancy affects mental health, IQ and academic achievement in offspring.

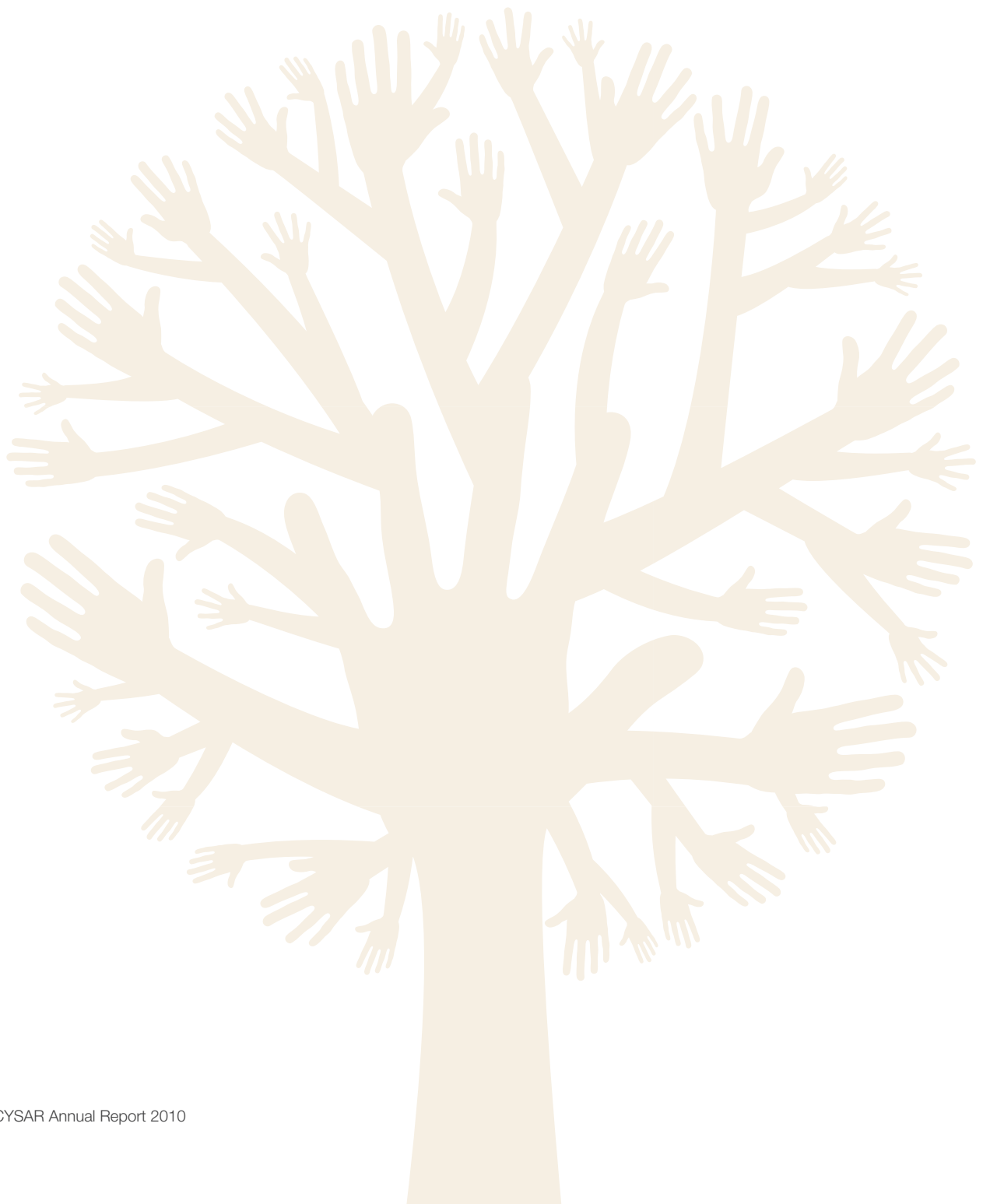
CYSAR staff: Rosa Alati.

Alcohol use and mental health problems

This new project involves collaborations with CYSAR and the National Drug and Alcohol Research Centre at the University of New South Wales. Using national survey datasets, this project explores the relationship between alcohol use and mental health in the Australian population. Combined mental health and alcohol problems are widely recognised as a key clinical issue, with poorer prognostic outcomes. This body of work will provide local, Australian data to assist with improving treatment, prevention and policy.

CYSAR staff: Rosa Alati, Peter Baker, Jason Connor, Adrian Kelly and Angela White.

CYSAR Publications & Grants





Publications

Peer Reviewed Publications by CYSAR Staff

Alati, R., Maloney, E., Hutchinson, D.M., Najman, J.M., Mattick, R.P., Bor W., et al. (2010). Do maternal parenting practices predict problematic patterns of adolescent alcohol consumption? *Addiction*, 105, 872-80.

Baker, A., **Hides, L.** & Lubman, D. I. (2010). Treatment of cannabis use among people with psychotic and depressive disorders: A systematic review. *Journal of Clinical Psychiatry*, 71, 1-8.

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Connor, J.P., Feeney, G.F.X., Jack, A., & **Young, R.McD.** (in press). The Obsessive Compulsive Drinking Scale is a valid measure of alcohol craving in young adults. *Alcoholism: Clinical and Experimental Research*.

Connor, J.P., George, S.M., Gullo, M., Kelly, A.B. & Young, R.McD. (in press). A prospective study of alcohol expectancies and self-efficacy as predictors of young adolescent alcohol misuse. *Alcohol and Alcoholism*

Connor, J.P., Gullo, M.J., Feeney, G.F.X. & Young, R.McD. (in press). Validation of the Cannabis Expectancy Questionnaire (CEQ) in adult cannabis users in treatment. *Drug and Alcohol Dependence*.

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Feeney, G.F.X., & Connor, J.P. (in press). Acamprosate reduces risk of return to drinking after detoxification, but is similarly effective to naltrexone. *Evidence-Based Mental Health*.

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How Can I Help You Today? In M. Groves & J. Fitzgerald (Eds.), *Communication Skills in Medicine: Promoting Patient-Centred Care* (pp. 7-19). Australia: IP Communications Pty Ltd.

Gazis, N., **Connor, J.P.**, & Ho, R. (2010). Cultural identity and peer influence as predictors of substance use among culturally diverse Australian adolescents. *Journal of Early Adolescence*, 30, 345-368.

George, S.M., Connor, J.P., Gullo, M.J., & **Young, R.McD** (2010). A prospective study of personality features predictive of early adolescent alcohol misuse. *Personality and Individual Differences*, 49, 204-209.

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Hayatbakhsh, M.R., Najman, J.M., Bor, W., Clavarino, A., & **Alati, R.** (in press). School performance and alcohol use problems in early adulthood: a longitudinal study. *Alcohol*.

Hides, L., Carroll, S., Lubman, D. I., & Baker, A. (2010). Brief motivational interviewing interventions for depression and anxiety. In M. Lau & J. Bennett-Levy (Eds.), *Oxford Guide to Brief Interventions* (pp.177-186). Oxford: Oxford University Press.

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QLD School's Project

QLD School's Project is a longitudinal study of 13-15 year-old school students that aimed to identify key risk factors and develop predictive trajectories associated with alcohol consumption and alcohol-related problems in this vulnerable age group. Initial results of the study revealed a number of key risk factors for alcohol misuse including personality dimensions, alcohol expectancies and drinking refusal self-efficacy skills, behavioural characteristics, peer factors and school factors. Findings from this longitudinal study suggest that risk for adolescent alcohol misuse is multidimensional, and prevention and treatment interventions should systematically target these factors for maximum effectiveness.

CYSAR staff: Jason Connor, Suzi George, Adrian Kelly, Matt Gullo, and Ross Young.

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Luo, W., Gallagher, M., O'Kane, D., **Connor, J.P., Dooris, M.,**

Roberts, C., Mortimer, L., & Wiles, J. (2010). Visualising a state-wide patient data collection: A case study to expand the audience for health care data. In Proc. Fourth Australasian Workshop on Health Informatics and Knowledge Management (HIKM 2010). *Conference in Research and Practice in Information Technology*, 108, 45-52.

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McGrath, J., Welham, J., Scott, J., Varghese, D., Degenhardt, L., Hayatbakhsh, M.R., **Alati, R.** et al. (2010). Association between cannabis use and psychosis-related outcomes using sibling pair analysis in a cohort of young adults. *Archives of General Psychiatry*, 67, 440-7.

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Statham, D.J., **Connor, J.P., Kavanagh, D.J. Feeney, G.F.X., Young, McD., May J., & Andrade J.** (in press). Measuring Alcohol Craving: Development of the Alcohol Craving Questionnaire. *Addiction*.

Thorberg, F. A., & Lyvers, M. (2010). Attachment in relation to Affect Regulation and Interpersonal Functioning among Substance Use Disorder Inpatients. *Addiction Research & Theory*, 18, 464-478.

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Connor, J.P. (2010, July). *Chair, Substance Abuse Stream - IAAP Division 6 Clinical & Community Psychology & IAAP Division 8 Health Psychology*. International Congress of Applied Psychology, Melbourne, Australia.

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Hides, L., Carroll, S., Scaffidi, A., Scott, R., Baker, A., & Lubman, D. (2010). Stepped care for young people with co-existing depression and substance use. *Drug and Alcohol Review*, 29, (supplement 1), 13.

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Kay-Lambkin, F., **White, A., Kavanagh, D.**, Klein, B., Proudfoot, J., Drennan, J., **Connor, J.**, Baker, A., & **Young, R.** (2010). Assessment of function and clinical utility of alcohol and other drug web sites: an observational, qualitative study. *Drug and Alcohol Review*, 29 (supplement 1), 13-14.

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Nearhos, J. & **Connor, J.P.** (2010, September). *Backing a winner: A role for psychology in risk assessment and management for home therapies*. Australian and New Zealand Society of Nephrology Annual Meeting, Perth, Australia.

Quek, L.H., Armitage, E., **White, A. & Kelly, J.** (2010, June). *The who, what and why: A clinical profile of young people accessing drug and alcohol treatment*. Australian Winter School Conference, Brisbane.

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White, A., Kavanagh, D., Tallman, H., Klein, B., Kay-Lambkin, F., Proudfoot, J., Drennan, J., **Connor, J.P.**, Baker, A., Hines, E., & **Young, R.McD.** (2010). Online alcohol interventions: A systematic review. *Drug and Alcohol Review*, 29 (supplement 1), 13.

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Calabria, B., Degenhardt, L., Nelson, P., Bucello, C., Roberts, A., Lynskey, M., & **Hall, W.** (2010). *What do we know about the extent of cannabis use and dependence? Results of a global systematic review*. Sydney: National Drug and Alcohol Research Centre. Sydney: National Drug and Alcohol Research Centre, UNSW.

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Teesson, M., Hall, W., Slade, T., Mills, K., Grove, R., Mewton, L., et al. (2010). Prevalence and correlates of DSM-IV alcohol abuse and dependence in Australia: findings of the 2007 National Survey of Mental Health and Wellbeing. *Addiction*, 105, 2085-2094.



Grants

	Projects	Funding Sources	Total Award	Investigators
In 2010, CYSAR staff members were awarded competitive grant funding as lead investigators to undertake new projects related to youth substance misuse.				
CYSAR Grants	Preparing Queensland for the next generation of prevention science research: A community-based process for reducing delinquency and alcohol/other drug use.	The University of Queensland Collaboration and Industry Engagement Fund	\$70,000 1 year (2010)	Kelly, Connor, Alati, White, Quek, Carroll
	Dynamic social systems and adolescent alcohol/tobacco use: A new cusp catastrophe model	Australian Research Council (ARC). Discovery grant	\$150,000 3 years (2010-2012)	Kelly, Haynes, Young
	Genes, biology and environment in the development of substance use and mental health disorders	NHMRC Career Development Award (CDA level 2)	\$424,920 4 years (2011-2014)	Alati
	Illicit Drug Reporting System (IDRS) and Ecstasy and related drugs reporting system (EDRS)	Commonwealth Department of Health and Ageing	\$120,000/year Ongoing	Alati (Queensland Principal Investigator)
	The Queensland Police Party-Safe Initiative: A review and recommendations.	National Drug Strategy Law Enforcement Committee	\$ Not released 1 year (2010)	Kelly
	The aetiology of alcohol use disorders in adulthood: a generational perspective	NHMRC Project Grant	\$610,520 3 years (2011 – 2013)	Alati, Williams, Lind, Wray, Bor, Whitfield, Najman, Mamun, Clavarino
CYSAR staff also collaborated with other agencies and these partnerships were awarded the following grants and tenders in 2010. These funds are not held by the Centre.				
Collaborative Grants / Tenders	Leveraging mobile phone technology to influence responsible drinking behaviour	Australian Research Council Discovery Grant	\$140,000 3 years (2011-2013)	Drennan, Connor, Kavanagh, Tjondronegoro, Previte, Fry, White
	Development and evaluation of a binge-drinking internet program for young people.	Victorian Department of Health	\$510,000 3 years (2010-2012)	Kavanagh, Young, Shochet, Drennan, Stallman, Buckley, White
	Understanding patient flow bottlenecks and patterns from hospital information systems data	UQ Collaboration and Industry Engagement Fund	\$75,000 1 year (2011)	Gallagher, Wiles, Connor and Queensland Health
	Early origins, progression and aetiology of obesity, metabolic syndrome and diabetes: a 30 years follow-up study	NHMRC Project Grant	\$1,151,675 4 years (2010-2013)	Mamun, O'Callaghan, Najman, Alati, Williams, Clavarino, McIntyre

Grants



	Projects	Funding Sources	Total Award	Investigators
Collaborative Grants / Tenders	Early origins, progression and aetiology of obesity, metabolic syndrome and diabetes	NHMRC Project Grant	\$173,547 4 years (2010-2013)	Mamun, O'Callaghan, Williams, Najman, Alati , Clavarino, McIntyre
	Pubertal transitions in mental health and behaviour: the PHASE-A study of social role and lifestyle transitions	NHMRC Project Grant	\$1,572,018 5 years (2011-2015)	Patton, Allen, Sawyer, Olds, Degenhardt, Viner, Williams, Bayer, Olsson, Alati
	Genetic and environmental contributions to the life course of the common mental disorders	NHMRC Project Grant	\$1,474,526 4 years (2011-2014)	Najman, Williams, Wray, Breen, Venter, Clavarino Mamun, Alati , O'Callaghan, Bor
CYSAR staff also worked on a number of ongoing grants and tenders awarded in the previous years.				
Ongoing Grants / Tenders	Evaluation of internet-based treatments for co-morbidity of alcohol disorders and depressive mood	NHMRC Project Grant	\$684,000 3 years (2009-2011)	Kavanagh , Klein, Austin, Proudfoot, Lambkin, Connor , Young , White
	Provision of a Club Champions Program Education and Training Package	Department of Health and Ageing, Australian Government Tender 285/0809	\$188,000 1 year (2009-2010)	Kavanagh , Shannon, Connolly, Keating, Stallman, White
	Critical changes in adolescent alcohol/tobacco use following small changes in peer and family contexts: A new cusp catastrophe model	Enabling Grant: The University of Queensland	\$20,000 1 year (2009-2010)	Kelly
	A new approach to curbing risky trajectories of adolescent alcohol/tobacco use: A new tailored brief program for parents	NHMRC Project Grant	\$307,000 3 years (2009- 2011)	Kelly , McMahon, Carroll, Haynes
	Family Connections: A randomised controlled trial of correspondence-based support for families of individuals recently diagnosed with psychosis	Australian Rotary Health Research Fund	\$177,000 5 years (2006-2010)	Deane, White , Crowe
	The Effects of alcohol on threat-related attentional bias: Implications for alcohol-related violence	Griffith Institute for Health and Medical Research	\$14,000 2 years (2009-2010)	Boschen, Neumann, Connor
	Beyond motherhood - the menopausal transition: A 27 year follow up of the mental health of mothers as they enter middle age	NHMRC Project Grant	\$1,675,988 4 years (2008-2012)	Clavarino, Williams, Alati , Mamun, Najman, Bor
	Attrition in longitudinal studies: advancing and evaluating statistical methods	ARC Discovery Project	\$350,000 3 years (2009-2011)	Ware, Mamun, Alati



Appendix: Full List of Projects

PROJECTS	Funding Source / Total Award	Investigators & Project Team
CYSAR Lead Projects CYSAR staff members are lead investigators of the following projects.		
A new approach to curbing risky trajectories of adolescent alcohol/tobacco use: A new tailored brief program for parents	NHMRC Project Grant, 2009-2011(\$307,000)	Kelly , McMahon, Carroll, Haynes
Alcohol-related emergency department admissions pre and post 'Alcopops' legislation	Internal Funds for pilot data, 2011 NHMRC Project Grant Application	White, Connor, Quek , Kisely, Hall, Toubmourou
Critical changes in adolescent alcohol/tobacco use following small changes in peer and family contexts: A new cusp catastrophe model	Enabling Grant: The University of Queensland, 2009-2010 (\$20,000)	Kelly
Dynamic social systems and adolescent alcohol/tobacco use: A new cusp catastrophe model	Australian Research Council (ARC). Discovery grant, 2011-2012 (\$150,000)	Kelly , Haynes, Young
Evaluation of CHOICES in North Queensland	Internal Funding	White, Quek
Genes, biology and environment in the development of substance use and mental health disorders	NHMRC Career Development Award (CDA level 2), 2011-2014 (\$424,920)	Alati
Illicit Drug Reporting System (IDRS) and Ecstasy and related drugs reporting system (EDRS)	Commonwealth Department of health and Aging, Ongoing, \$120,000/year	Alati (Queensland Principal Investigator)
Preparing Queensland for the next generation of prevention science research: A community-based process for reducing delinquency and alcohol/other drug use. Community that Care (CtC)	The University of Queensland Collaboration and Industry Engagement Fund, 2010 (\$70,000)	Kelly, Connor, Alati, White, Quek , Carroll, Salom
Progressing life course research in psychiatric epidemiology 1. Alcohol use in pregnancy and childhood adversity 2. Alcohol use and mental health problems 3. Alcohol trajectories in adolescence	NHMRC Career Development Award, 2009 - 2011 (\$370,000) Studies 2 and 3 are partly funded by CYSAR	Alati Other collaborators 2. Connor, Kelly & White 3. Baker
Project SHIELD. A new approach to curbing risky trajectories of adolescent alcohol/tobacco use: A new tailored brief program for parents	NHMRC Project Grant, 2009- 2011 (\$307,000)	Kelly , McMahon, Carroll, Haynes, Smith
Risk factors for substance misuse amongst young people in Australia	Internal Funds – public access dataset	Kelly, Connor, White, Alati, O'Flaherty, Chan, George
Queensland Schoolies project	Internal Funds	Quek, White, Kelly, Connor
Queensland school's project	Early Career Research Grant (\$29, 836)	Connor Collaborator: George, Kelly, Young, Gullo
Service utilisation data	Internal Funds	Quek, White, Connor

Appendix: Full List of Projects



PROJECTS	Funding Source / Total Award	Investigators & Project Team
The aetiology of alcohol use disorders in adulthood: a generational perspective	NHMRC Project Grant, 2011 – 2013 (\$610,520)	Alati , Williams, Lind, Wray, Bor, Whitfield, Najman, Mamun, Clavarino
The Queensland <i>Party Safe</i> initiatives	National Drug Strategy Law Enforcement Committee, 2010 (Not Released)	Kelly, Salom
Treatment outcome measures study	Internal Funds	Quek, White, Connor
Using Australia's longitudinal study resources to understand the origins and consequences of child and adolescent of mental disorders	Australian Health Management (\$500,000)	Alati Collaborators: Patton, Toumbourou, Sanson and others
COLLABORATION PROJECTS		
CYSAR staff members are partners/co-investigators/collaborators of the following projects		
Attrition in longitudinal studies: advancing and evaluating statistical methods	ARC Discovery Project, 2009-2011 (\$350,000)	Ware, Mamun, Alati
Beyond motherhood - the menopausal transition: A 27 year follow up of the mental health of mothers as they enter middle age	NHMRC Project (\$1,675,988)	Clavarino, Williams, Alati , Mamun, Najman, Bor
Detecting and understanding dysfunctional anomalies in Queensland healthcare databases	ARC linkage (\$137,700); ARC (\$119, 000)	Gallagher, Connor , Wiles
Development and evaluation of a binge-drinking internet program for young people.	Victorian Department of Health, 2010-2012, (\$510,000)	Kavanagh, Young , Shochet, Drennan, Stallman, Buckley, White
Early origins, progression and aetiology of obesity, metabolic syndrome and diabetes	NHMRC Project Grant, 2010-2013 (\$173,547)	Mamun, O'Callaghan, Williams, Najman, Alati , Clavarino, McIntyre
Early origins, progression and aetiology of obesity, metabolic syndrome and diabetes: a 30 years follow-up study	NHMRC Project Grant, 2010-2013 (\$1,151,675)	Mamun, O'Callaghan, Najman, Alati , Williams, Clavarino, McIntyre
Effects of prenatal alcohol consumption and alcohol metabolising genes on child growth and neurodevelopment in the ALSPAC study	2008-2010 Wellcome Trust, UK (£132,708.00)	Gray, Golding, Lewis, Nutt, Davey-Smith, Alati , Draper, Barrow, Frazer
Evaluation of internet-based treatments for co-morbidity of alcohol disorders and depressive mood	NHMRC Project Grant, 2009-2011 (\$684,000)	Kavanagh , Klien, Austin, Proudfoot, Lambkin, Connor , Young , White
Evaluation of strategies to promote the dissemination of programs for people with serious mental disorders and co-morbid substance use disorders	Australian Rotary Health Research Fund, 2007-2009 (\$270,000)	Kavanagh , Weller, King, Connor , White , Connolly , Ransome
Family Connections: A randomised controlled trial of correspondence-based support for families of individuals recently diagnosed with psychosis	Australian Rotary Health Research Fund (\$177,015)	Deane, White , Crowe, Kavanagh
Genetic and environmental contributions to the life course of the common mental disorders	NHMRC Project Grant, 2011-2014, (\$1,474,526)	Najman, Williams, Wray, Breen, Venter, Clavarino Mamun, Alati , O'Callaghan, Bor



Appendix: Full List of Projects

PROJECTS	Funding Source / Total Award	Investigators & Project Team
Investigating mortality among ex-prisoners in Queensland: A data linkage study	NHMRC Project, 2007-2009 (\$441,500)	Kinner, Alati , Lennox, Jamrozik, Haswell-Elkins, Williams, Boyle
Leveraging mobile phone technology to influence responsible drinking behaviour	Pilot study – Internal funds (CYSAR/QUT) ARC Grant, 2011-2013 (\$140,000)	Drennan, Connor , Kavanagh , Tjondronegoro, Previte, Fry, White
Passports to advantage: Health and capacity building as a basis for social integration	NHMRC Strategic Award 2007-2011 (\$1,445,000)	Kinner, Alati , Lennox, Jamrozik, Haswell-Elkins, Williams, Boyle
Provision of a Club Champions Program Education and Training Package	Department of Health and Ageing, Australian Government Tender, 2009-2010 (\$188,000)	Kavanagh , Shannon, Connolly, Keating, Stallman, White
Pubertal transitions in mental health and behaviour: the PHASE-A study of social role and lifestyle transitions	NHMRC Project Grant, 2011-2015 (\$1,572,018)	Patton, Allen, Sawyer, Olds, Degenhardt, Viner, Williams, Bayer, Olsson, Alati
The Effects of alcohol on threat-related attentional bias: Implications for alcohol-related violence	Griffith Institute for Health and Medical Research, 2009-2010 (\$14,000)	Boschen, Neumann, Connor
Understanding patient flow bottlenecks and patterns from hospital information systems data	UQ Collaboration and Industry Engagement Fund, 2011 (\$75,000)	Gallagher, Wiles, Connor and Queensland Health





CYSAR would like to thank the many individuals and organisations who contributed to our Centre throughout 2010.

If you would like to find out more about CYSAR, including any of the research listed here, please contact us.

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