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Finding solutions, improving futures, 
partnering with young people.
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.

CYSAR seeks to promote the health and well-being of young people by increasing Australia’s capacity to respond effectively to any harm arising from substance use.

CYSAR aims to:
- Understand the pathways to harmful substance use
- Research innovative ways of preventing and treating substance misuse
- Support the development and evaluation of evidence-based improvements to youth substance use services
- Influence state and national approaches to the prevention and treatment of problematic substance use by young people through information dissemination, policy refinement and public advocacy
- Involve young people in the Centre’s research

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 and Behavioural Sciences, The University of Queensland
- The Institute of Health and Biomedical Innovation, Queensland University of Technology

CYSAR is supported by The University of Queensland Endowment Fund with a philanthropic contribution from Graeme Wood and Andrew Brice.

Research at CYSAR focuses on:
- Generating knowledge about the development, prevention and treatment of youth substance misuse
- Dissemination of new findings to individuals, health services, government and the community to make positive changes for young people and their community
- Advocating for improved access to evidence-based treatment and prevention for young people
- Engaging with young people and youth health services to ensure that CYSAR’s research is responsive to community needs
Key Achievements 2013 – 2016

195
Peer-Reviewed Journal Articles

1 Book
{ 17 Book Chapters }

42 Reports and Monographs
{ 3 Commissioned Reports }

719 Citations

64 Conference Presentations

4 Invited Talks

2 Completed PhDs
{ 9 PhD Students }

11 Research and Support Staff

10 Associate and Affiliate Staff
External Review

At the end of 2014 Professors Steve Allsop (Curtin University), Jane Pirkis (University of Melbourne), Robert King (QUT), and Christina Lee (UQ) conducted an external review of CYSAR’s performance.

The Review panel commended CYSAR on its excellent research performance, its success in obtaining funded fellowships from NHMRC and ARC, and the high quality of researchers recruited to the Centre.

It also noted on the strong academic relationships and good will within the Centre and between the UQ and QUT nodes and the strong mentorship provided to students and post-doctoral fellows.

The review made a number of constructive recommendations for the future. One was for the Centre to revise its strategic plan to address the expectations of the major donor, provide a stronger focus on internal collaboration and provide a mission statement that built unity of purpose across UQ and QUT staff. The plan also needed to identify priorities for funding and strategies to improve relations with organisations in service delivery, advocacy, and policy.

It also suggested that CYSAR ensure its financial sustainability by teaching into coursework and research programs at UQ and conducting short courses and in-service activities that supported the strategic directions of the Centre.

In May 2015 CYSAR held a facilitated strategic planning day to undertake the tasks recommended by the review. We have regularly reviewed progress on these issues in our staff meetings.

At the end of 2015 the peak Non-Government Organisation for alcohol and drug treatment services in Queensland, Lives Lived Well, approached CYSAR about funding a Professorship for 5 years to conduct research that would improve the treatment of persons with common forms of addiction and comorbid mental disorders such as depression, anxiety disorders and psychoses. UQ has agreed to provide matching funding to support a post-doctoral fellow and PhD student to work with the Professor on treating comorbid disorders. The position will be advertised in 2016.

In 2015 the achievements of CYSAR’s staff were recognised by research awards and promotions. Dr Matthew Gullo received the HABS Faculty Early Career Research Excellence Award; Dr Gary Chan received a UQ Early Career Fellowship; and Associate Professor Jason Connor was promoted to Professor.

International research impact

Professor Wayne Hall was invited by the World Health Organization (WHO) to write a commissioned review on the adverse effects of cannabis on young people and to present this to an expert meeting in Stockholm in April 2015. At that meeting he was also asked to assist WHO staff in compiling and editing a detailed report on adverse health effects of cannabis that WHO would present to the UN General Assembly Special Session (UNGASS) on Drugs in April 2016. He gave a paper summarising this report at a meeting convened by the UN Office of Drugs and Crime and WHO in Vienna in December 2015.

Jason Connor and Wayne Hall published an invited paper in the Lancet, one of the world’s leading medical journals, on how to diagnose and treat alcohol dependence.

Wayne Hall is also an author on three papers in Lancet Psychiatry on what we know about the prevalence, treatment and prevention of adolescent substance abuse. These papers will also be published online in April 2016 time to inform the UNGASS on drugs.
Major research projects

Professor Jason Connor’s NHMRC project at the PA Hospital has now recruited over 300 participants into a randomised control clinical trial investigating how best to target psychological and pharmacological therapies to persons with alcohol dependence.

Professor Rosa Alati began a new ARC project Into the Thirties looking at predictors and consequences of risky drinking in young people aged 30.

Associate Professor Adrian Kelly, in collaboration with researchers from the schools of Education, Nursing and Midwifery, Social Work, and Social Science received a UQ HASS Strategic Research Funding Award to look at how education institutions can reproduce or disrupt disparities in wider society.

Professor Wayne Hall, Associate-Professor Leanne Hides and Megan Weier were involved in an evaluation of a mobile abstinence program for the social marketing group Hello Sunday Morning. HSM is a social media group that aims to moderate the alcohol use of young Australians. Associate Professor Leanne Hides continued with the QuikFix project, focusing on people with AOD-related injuries in the Fortitude Valley.

Media and engagement

CYSAR’s work has been in the media in 2015. Professor Wayne Hall was interviewed as part of the Brisbane Writers Festival for a Radio National program ‘Your Brain on Drugs’. Charmaine Jensen’s work on the use of stimulant medication by university students for cognitive enhancement has received a fair amount of media interest. The results of her survey of student use of these drugs are eagerly awaited by the media. Professor Wayne Hall gave a talk at a UQ Alumni Global Leadership Series event at Customs House on cannabis policy experiments in the USA.

Megan Weier (who is responsible for the Centre’s website and promoting the Centre) has been fostering better community relationships in Brisbane. She has provided research support to Brisbane Youth Service, Dovetail, and appeared on 4ZZZ Community Radio to talk about youth issues. Stoyan Stoyanov was interviewed for SYN: Schools on Air about Ray’s Night Out app in the lead up to schoolies week in November 2015.

Research students

In 2015 CYSAR had a total of 7 PhD students. Another 4 students will start doctorates in 2016 giving the Centre a critical mass of postgraduate students.

Their work is being fostered by student meetings that are held once a month to provide support and community while undergoing the PhD process. These meetings also allow students to present plans for studies, early findings, and to have practice runs of Conference papers.

All of these very positive developments in 2015 have set CYSAR up well to continue to be as productive in 2016 and beyond.

Wayne Hall
Director
Professor David Kavanagh’s success in receiving the 2015 Distinguished Contribution to Psychological Science Award from the Australian Psychological Society (APS) was the major highlight of the QUT arm of CYSAR in 2015. All reports confirm Professor Kavanagh also provided a fantastic opening keynote address at the 50th National APS Conference, where he received the award. Professor Kavanagh was also successful in obtaining a NHMRC Project Grant to test his new Functional Imagery Treatment for Alcohol Use Disorder (APP1099400).

Talk about a fantastic way to top off an outstanding year! It’s great to see Professor Kavanagh’s wealth of knowledge and experience in the addiction field recognised.

Other highlights include Professor Ross Young’s keynote address on How genetics can provide more effective responses to addictive behaviours at the Australasian Professional Society for Alcohol and other Drugs (APSAD) Conference in Perth.

The QUT node of CYSAR also relocated to the exciting new Children’s Centre for Health Research in 2015.

Located opposite the world-class Lady Cilento Children’s Hospital, this move has enabled CYSAR staff to develop new research collaborations with hospital and community leaders in child and adolescent health. This includes a new project with the Adolescent Drug and Alcohol Withdrawal Service (ADAWIS), the Drug and Alcohol Brief Intervention Teams (DABIT) at RBWH, Gold Coast, Robina and Logan Hospitals and the Child and Youth Mental Health Service (CYMHS) Dual Diagnosis team aimed at increasing the identification and referral of young people with alcohol and other drug injuries and illness accessing Emergency Departments in Brisbane, Logan and the Gold Coast to telephone delivered brief intervention treatment. Associate Professor Leanne Hides and Dr Catherine Quinn are leading this project.

Dr Catherine Quinn is also leading the Adolescent Aware project, which is examining factors underlying substance use in early adolescence, such as bullying, mental health, and wellbeing.

She has recruited 2,200 year 7 and 8 students from 14 schools in South-East Queensland and will follow them up for the next three years.

Dr Quinn has also been providing guest lectures on youth substance use to 40 QUT Masters in Developmental Psychology/ Clinical Psychology students and over 300 undergraduate psychology students.

Work on our three NHMRC Targeted Call for Mental Health Research Project Grants has continued:

- **QuikFix project (Lead by Leanne Hides):** Recruitment for this project is now complete. Nearly 1,091 young people with AOD-related injuries/illnesses were identified in the Brisbane Drink Safe Precincts over 18 months in partnership with ChaplainWatch and the DABIT team at RBWH. Of these 437 met study inclusion criteria and 398 were provided with telephone-based brief intervention treatment. Initial results indicated the QuikFix personality targeted brief intervention is the most effective. DABIT and ADAWS staff.

- **Social Wellbeing and Engaged Living (SWEL; Lead by Leanne Hides):** This clinical trial is determining the efficacy of a telephone delivered SWEL intervention. To date 197 adolescents who have disengaged from education, employment and training have been identified, of which 120 have been provided with up to 8 sessions of treatment. This project is being conducted in partnership with BoysTown/Kids Helpline, YMCA Vocational Schools and the Qld Education Get Real program.
• **Climate Schools Combined** *(Lead by Professor Maree Teesson at the National Drug & Alcohol Research Centre (NDARC), University of NSW; QUT site lead by Leanne Hides):* This trial is determining the efficacy of an innovative internet-based approach to preventing mental health and substance use problems in 6,996 Australian students across 74 high schools in QLD, WA and NSW. All internet treatment is complete the two final follow ups will be completed in 2016.

QUT’s work on technology-based solutions to youth substance use as part of the Young and Well Cooperative Research Centre *(www.youngandwellcrc.org.au)* has continued.

• **Ray’s night out:** This iPhone app utilises a harm minimisation approach to promote safer drinking practices in young people. This study recruited 197 young alcohol users into a RCT to test the effectiveness of the app. A significant increase in alcohol knowledge and reductions in alcohol use were found.

• **Keep it Real:** This brief web-based program targets psychotic like experiences (PLEs) in cannabis users. We found the program resulted in reductions in the frequency of both PLEs and cannabis use in a clinical trial with 226 young people.

In 2015, we also welcomed a new PhD student. Miss Nina Pocuca’s PhD will examine the impact of personality risk profiles on the onset and trajectory of alcohol use in the 6,996 adolescents enrolled in the Climate Schools Combined study. She has an Australian Postgraduate Award (APA) scholarship and a CYSAR Top Up Scholarship. Our other two PhD students, Mr Tim Piatkowski, who is exploring body image drug use in young men and Mr Daniel Demant who is exploring substance use among LGBT youth are progressing well.

QUT welcomed the recommendations from the 2015 CYSAR review to build stronger unity of purpose across UQ and QUT staff. The CYSAR strategic planning day identified a number of shared research and funding priorities, that we look forward to bringing into fruition in 2016.

**Associate Professor Leanne Hides**  
Deputy Director CYSAR
Centre Highlights

Summer Interns

Each year, The University of Queensland provides opportunities for undergraduate and Masters coursework students to gain experience in conducting research, critical thinking, and communication skills. At the beginning of 2015, two summer interns, Maddison Riachi and Louisa Chatterton worked with Doctor Matthew Gullo and Professor Jason Connor on research into targeted treatment for adolescents and hospital outpatients. At the end of 2015, a further two interns, Laura Anderson and Chloe Kidd, worked with Matthew and Jason on these projects. The program is a wonderful opportunity for enthusiastic students to gain experience in conducting research. Dr Gullo has been coordinating the Centre’s involvement in the program since his arrival in 2012.

He believes it provides the Centre with a valuable opportunity to promote the work that it does, spanning from the laboratory to the clinic.

Dr Gullo HABS Research Excellence Award

During the UQ Faculty and Health and Behavioural Sciences Research Week, Dr Matthew Gullo was awarded the Early Career Research Excellence Award.

The award recognises the exceptional contribution Dr Gullo has made to the field of adolescent impulsivity and substance use.

The award adds to Dr Gullo’s strong track record of receiving recognition for the high impact work he does. In line with this, he was promoted to Senior Research Fellow later in the year.

Staff recognition

We are fortunate at CYSAR to have a wide range of talented and high-achieving staff. Our staff have a range of research interests, spanning experimental and clinical trials, policy debates, and statistical modelling.

Associate Professor Jason Connor was promoted to Professor at the end of 2015, recognising his work investigating youth substance abuse prevention, as well as psychological and pharmacological treatments for alcohol dependence.

Doctor Gary Chan, a postgraduate fellow at the Centre, received a UQ Early Career Research Grant. The award is highly competitive, and is a testament to Dr Chan’s innovative and high quality work that he has conducted at the Centre focusing on the developmental trajectories of substance use among adolescents. Dr Chan will be able to continue his work at the Centre in the following years, including conducting complex statistical modelling and the use of large datasets.

QUT Arm Relocates

CYSAR staff members Associate Professor Leanne Hides, Dr Catherine Quinn, and PhD Students Daniel Demant, Timothy Piatkowski and Nina Pocuca relocated to the newly established Centre for Children’s Health Research, located at the Lady Cilento Children’s Hospital in South Brisbane. The Centre is an integrated research facility that is focused on child and adolescent health research and services. The new location next to the Children’s Hospital has allowed for new collaborations between researchers and health practitioners. Associate Professor Hides and Dr Quinn have established collaborative relationships with the Child Youth and Mental Health Services and the Adolescent Drug and Alcohol Withdrawal Service, among others, to increase the identification and referral of young people presenting to the Lady Cilento Children’s Hospital with alcohol or other drug related injuries or illness to brief telephone intervention treatments.
Youth and Substance Use in the 2013 National Drug Strategy Household Survey

In 2013* among Australians aged 14 to 25:

- 74% had drunk alcohol in the last 12 months
- 14% smoke cigarettes daily
- 34% indicated they had tried marijuana
- 7% reported ever using meth / amphetamine

- 30% indicated they drank 7 or more standard serves of alcohol on a typical drinking day
- 29% indicated they had reduced the amount of alcohol they drank
- 33% reduced the number of times they drink
- 9% had stopped drinking in the last 12 months
- 8% used to smoke daily but have since given up
- 7% tried to give up smoking unsuccessfully
- 20% had used marijuana in the last 12 months
- 2.3% said they found in the last 12 months they couldn’t stop or cut down the amount of marijuana they used
- 7% reported ever using cocaine
- 14% reported ever using ecstasy
Youth and Substance Use in the 2013 National Drug Strategy Household Survey

When people talk about a “drug problem”:
- 28% thought of marijuana
- 23% thought of methamphetamine
- 17% thought of heroin
- 14% thought of cocaine

When asked which drug causes the most deaths in Australia:
- 36% said alcohol
- 27% said tobacco
- 11% said heroin
- 10% said methamphetamine

When asked which form of drug use were the most serious concern for the community:
- 39% said excessive drinking of alcohol
- 16% said smoking tobacco
- 15% said the non-medical use of methamphetamine

*Based on stratified samples of self-report data from the National Drug Strategy Household Survey.
IMPACT
Community Impact

Target Treatment of Alcohol Use Disorders Trial

Little progress has been made in the last decade in achieving better treatment outcomes for alcohol-related health problems. Professor Jason Connor has been running a clinical trial at the Princess Alexandra Hospital since 2013, in which patients at the Alcohol and Drug Assessment Unit will receive personalized treatment based on their psychological and genetic risks, as well as their pharmacotherapy. The program includes a computer database that keeps therapists up to date with the progress of patients, and allows for easier comparison of assessment and progress data across patients. It is expected that the study will form a new kind of alcohol use disorder treatment, including tailored treatment approaches that optimize therapies based on each individual’s unique psychological and genetic makeup. 300 patients have enrolled in the last two years.

Predictors of treatment outcome in cannabis use disorder.

Cognitive-behavioral therapy (CBT) is an effective treatment for cannabis use disorder, but relapse rates remain high. Little is known about the pre-treatment factors predictive of response to this treatment. This is the focus of a new program of research being led by Dr Matthew Gullo at the Alcohol and Drug Assessment Unit, Princess Alexandra Hospital. Patients entering the Unit’s cannabis abstinence program undergo a comprehensive assessment, including measurement of key psychological factors targeted in CBT. Data has already been collected on more than 200 patients. It is hoped this new program of research will provide health professionals with new tools in the treatment of this mental disorder.

CYSAR Members:
Professor Jason Connor, Dr Matthew Gullo, Jason Coates
300 patients were part of a trial to improve treatment outcomes for alcohol use disorders.
Internet-based prevention for anxiety, depression and substance use in young Australians

Internet interventions have many advantages: they are accessible, economical, and can be less intimidating for individuals who are nervous about seeking help. The Climate Schools Combined (CSC) study, running since 2013, utilises an integrative approach including both a substance use and mental health course that is predicted to be more effective in reducing problems with substance use and mental health compared to stand-alone interventions or standard school-based health education. CYSAR Deputy Director Associate Professor Leanne Hides is working with a team at the National Drug and Alcohol Research Centre, led by Professor Maree Teesson, to evaluate the internet-based interventions as they are trialled across 26 Australian schools. In 2015, 2,800 school students completed their third follow up survey, and select students completed the Climate Schools Mental Health course. Students will be followed up again in 2016 to assess the influence of the combined intervention in reducing the experience of substance use and mental health symptoms and problems.

Adolescent Aware

Changing bodies, future careers, and social problems such as bullying and exclusion are just some of the many challenges that adolescents face in high school. Too often, external circumstances such as bullying can impact internal states of young people, resulting in poor mental health, wellbeing, and susceptibility to substance misuse. In 2015, QUT Postdoctoral Fellow, Dr Catherine Quinn, along with Associate Professor Leanne Hides and Dr Gary Chan, began recruiting and following 2,200 students from 14 schools across South-East Queensland. Titled ‘Adolescent Aware’, the project will track and examine how factors such as bullying, mental health, and wellbeing can influence substance use in high school students. The longitudinal study will continue to follow students until 2017. As part of the study, schools that are involved are provided with a confidential annual report, specific to their school, with updates on outcomes from the project.

CYSAR Members:
Dr Catherine Quinn, Associate Professor Leanne Hides, Dr Gary Chan

CYSAR Member:
Associate Professor Leanne Hides

2,800
School students completed their third follow up survey in 2015
Web resources for youth substance use information and support

In response to suggestions from the 2014 UQ Faculty review of the Centre, increasing and maintaining advocacy to the community regarding youth substance use has been a priority for development in 2015. Rather than speaking on behalf of youth, our approach has been to position the Centre as a source of reliable, research-driven information regarding the rates of youth substance use, the potential harms of certain drug use, as well as information on available drug and alcohol support services. To make the content friendly and accessible, the information has been presented in the form of brief fact sheets or infographics. It is hoped that the resources are helpful to both individuals in the community, as well as schools, youth service, and other groups interested in the wellbeing of young people. The resources are available on the CYSAR website.
Assisting Dovetail with Workforce Retention survey

Dovetail is a clinical advice and professional support service to the youth alcohol and drug sector in Queensland. The service is located in Brisbane, and offers resources, training, and service advice to workers ranging from Alcohol and Other Drug counsellors and care workers, to youth workers, occupational therapists, and Aboriginal and Torres Strait Islander health workers. As a way of providing support to the valuable work Dovetail does in the community, CYSAR staff have connected with the service to offer any research needs the service may require. In late 2015, a workforce attraction and retention survey was sent out to members Dovetail’s email subscription list. The aim of the survey is to gain a better understanding of who is accessing Dovetail’s services, what kinds of training they receive in drug and alcohol support, and what Dovetail could focus their service on to optimise its support to its subscribers. Senior research assistant Megan Weier, who created and manages the survey, has been invited to present the results of the survey at Dovetail’s annual AOD workforce training day in early 2016.

CYSAR Members: Megan Weier, Professor Wayne Hall

Into the Thirties: Examining the consequences of risky drinking

It is largely understood that most risky drinkers will ‘mature out’ of hazardous alcohol consumption between late adolescence and age 30 in the process of making important transitions into adulthood, such as marrying and having children. Generational changes in gender roles and traditional family structures that are believed to produce this decline may be changing in ways that affect this decline in risky drinking and allow risky drinking patterns to persist into the thirties. The ARC project ‘Into the Thirties: Persistence and consequences of risky drinking’ aims to examine the extent to which an Australian cohort continue to engage in risky drinking into their thirties. It will also examine how changes in gender roles and the social context of alcohol use may lead to excessive drinking into adulthood. The project, led by CYSAR staff member Professor Rosa Alati, will investigate the impact of intimate partner violence and relationship quality, antisocial behaviour and violence, and the role of other types of addiction may play in the persistence of problematic alcohol use into the thirties. Participants will be recruited from the Mater University Study of Pregnancy, a longitudinal cohort study which began in 1981. The project has continued to follow 6,822 mothers and their children up to 30 years after pregnancy. The longitudinal data provides a comprehensive and superior insight into the development of alcohol use disorders and their related consequences.

CYSAR Member: Professor Rosa Alati

6,822 Mothers and their children are being studied up to 30 years after pregnancy

The data provides an insight into the development of alcohol use disorders and their related consequences
WHO review of adverse effects of cannabis

CYSAR Director Professor Wayne Hall was invited by the World Health Organization to write a commissioned review on the adverse effects of cannabis on young people and to present this to an expert meeting held in Stockholm in April 2015. The report covered what his evidence has shown about recreational cannabis use, including dependence, reduced academic attainment, and increased likelihood of experiencing psychosis. At the Stockholm meeting he was invited to assist WHO staff in compiling and editing a detailed WHO report on adverse health effects of cannabis to be presented to the UN General Assembly Special Session (UNGASS) on Drugs in April 2016. Professor Hall gave a summary of this report at a UN meeting convened by the UN Office of Drugs and Crime and WHO in Vienna in December 2015. The World Health Organization is the UN agency for world health and public health matters and a respected source of information on health policy, particularly on alcohol and other drug use.

National trials of medical cannabis starting in 2016

In April 2015, the Queensland Government announced it would be partnering with the New South Wales Government to trial medicinal cannabis products to treat children with severe, drug resistant epilepsy. Australia is yet to develop a pharmaceutical product that is safe for testing and trialling. One aim of the NSW trial is to develop a product that is high in cannabidiol, which is thought to have therapeutic effects in patients with epilepsy.

In 2016, researchers will begin recruiting children with severe drug-resistant epilepsy to take part in a clinical trial testing cannabis-derived drug, CBDV. CYSAR Director Professor Wayne Hall has been asked to join a committee to be chaired by Jeanette Young, the Chief Health Officer of Queensland which oversee the Queensland arm of the trial.
Hello Sunday Morning: Evaluating the effectiveness of mobile applications

In 2010, social marketers started an online community platform known as Hello Sunday Morning (HSM), with the aim of helping individuals change their relationship with alcohol by taking a break from drinking, or cutting back on the amount they consume. The program encourages users to experience “a world of better choices, fewer hangovers and unforgettable Sunday mornings.” In 2015, HSM, with support from Vodafone, release an iPhone app which aimed to encourage participants to set weekly challenges to reset their drinking habits. CYSAR staff Professor Wayne Hall, Associate Professor Leanne Hides and Megan Weier were involved in a project to evaluate the effectiveness of both the online and mobile platforms. Led by UQ researchers Dr Carla Meurk and Dr Nicholas Carah, the project looked at the responses and engagement of over 10,000 individuals worldwide who used the app to monitor their drinking. The evaluation will provide feedback to HSM to increased program effectiveness, and will be also used to seek future funding from government, and other for-profit organisations.

CYSAR Members: Professor Wayne Hall, Associate Professor Leanne Hides, Megan Weier
Bi-national study examines effects of family conflict on adolescent depressed mood

Understanding and preventing adolescent substance use and misuse goes beyond what drugs young people use, and how often. Other important factors include gender, age, family and social contexts, and personal psychological health. CYSAR staff member Associate Professor Adrian Kelly conducted a longitudinal study examining the role of family conflict on depressed mood in collaboration with staff at Boys Town, University of Washington, Murdoch Children’s Research Institute, Australian Catholic University, and Deakin University. 1,942 13-year-old participants were recruited in Washington, USA and Victoria, Australia and followed up at ages 14 and 15. Results indicated that family conflict at age 14 partially predicted changes in depressed mood at age 15 and that adolescent depressed mood increased subsequent family conflict, while family conflict increased later adolescent depressed mood. The study highlights the problematic cyclic effects of parent-adolescent conflict. Family support is vital in ensuring that young people feel supported and are able to ask questions about substance use. The results of this study can highlight the need for family-oriented intervention approaches to prevent youth substance use.

CYSAR Member:
Associate Professor Adrian Kelly

1,942 participants were studied

It was determined that family conflict at age 14 predicts depressed mood at age 15
Using population sampling data to understand trends in alcohol and drug use

The Australian Institute of Health and Welfare (AIHW) conducts the National Drug Strategy Household Drug Survey every three years. The survey asks a sample of Australians, selected to represent the Australian population about their health and wellbeing, their alcohol and drug use, and their attitudes towards drug use and government policy regarding, for example, the regulation and taxation of alcohol and tobacco. Each survey has data for approximately 20,000 Australians, and has been collected since 1998. CYSAR staff have been able to use these survey data to address questions such as: Are there differences between rural and urban adolescent alcohol use, and are these differences influenced by parental drinking? Has tobacco uptake and cigarette smoking changed among young people from 1998 to 2015? Are young people using more, or less marijuana than previous years, and is its use related to poorer mental and physical health? This work has been published in peer reviewed journals, and presented at the Society for Mental Health Research Conference.

CYSAR Members: Dr Gary Chan, Dr Catherine Quinn, Megan Weier, Professor Wayne Hall, Associate Professor Leanne Hides, Professor Jason Connor, Associate Professor Adrian Kelly, Dr Matthew Gullo, Professor Rosa Alati

ADOLESCENTS LIVING IN RURAL AREAS ARE MORE THAN 2 TIMES AS LIKELY TO OBTAIN ALCOHOL FROM THEIR PARENTS AS ADOLESCENTS LIVING IN URBAN AREAS.
Research exposure at national conference

Presenting work at academic conferences is vital in establishing new collaborations and promoting the Centre’s work while also gaining expert peer feedback. The Society for Mental Health Research (SMHR), formerly known as the Australasian Society for Psychiatric Research, holds an annual conference that highlights and celebrates multidisciplinary approaches and methodologies to understand the mind and mental health conditions. In 2014, the national conference was held in Brisbane, and CYSAR staff were well represented in individual presentations, symposiums, and poster sessions.

High-impact Lancet seminar

Alcohol use disorders are characterised by repeated and compulsive alcohol use, and potentially a physiological dependence on alcohol. In 2013, one in six Australians aged 12 or older had consumed 11 or more alcohol drinks in a single session – one in fifteen had done so in the previous month. The rates of the disorder are most prevalent during young adulthood, as young people gain easier and legal access to alcohol, however most dangerous drinking patterns stop as the young person approaches the age of 30. However, for those that do continue to experience an alcohol use disorder, only 15% will receive treatment. In an invited “state-of-the-art” seminar published in high impact medical journal The Lancet, CYSAR’s Professor Jason Connor and Professor Wayne Hall, with Professor Paul Haber, Medical Director, Royal Prince Alfred Hospital Drug Health Services, Sydney, New South Wales, reviewed the available interventions available to individuals who seek treatment. Sustained abstinence from alcohol is the ultimate goal of treatment for those with more serious alcohol problems.

Postdoctoral Fellows Dr Gary Chan and Dr Catherine Quinn, and Senior Research Assistant Megan Weier presented a symposium focusing on trends in adolescent use of alcohol, tobacco, cannabis, and polydrug use, using National Drug Strategy Household Survey data spanning 15 years. PhD candidate Charmaine Jensen presented her work surveying pharmaceutical cognitive enhancement use among university students in a poster. Senior research fellows Professor Jason Connor, Associate Professor Leanne Hides, and associate member Professor David Kavanagh spoke about innovations in the treatment of alcohol misuse.

In 2013, one in six Australians aged 12 or older had consumed 11 or more alcohol drinks in a single session. 

CYSAR Members: Dr Gary Chan, Dr Catherine Quinn, Megan Weier, Charmaine Jensen, Professor Wayne Hall, Professor Jason Connor, Associate Professor Leanne Hides, Associate Professor Adrian Kelly

CYSAR Members: Professor Jason Connor, Professor Wayne Hall

Professors Connor, Haber and Hall noted that this can be achieved with effective, evidence driven behavioural and pharmacological treatments. As many of these approaches have equivalent efficacy, the seminar advocates engaging patients in one of these treatments, rather than advocating a specific treatment. They argued that more research, both in the clinical and applied areas of alcohol use disorders, should prioritise diagnosing and treating patients who experience alcohol use disorders alongside other mental or drug use disorders. The Lancet is considered one of the most prestigious medical journals, and is well respected in the medical and research community. By highlighting the current gaps in treatment and research, this seminar helps to advocate for better treatment for those who experience ongoing issues with alcohol.
PhD Student Charmaine Jensen is exploring the extent to which Australian university students are using prescription stimulants for pharmaceutical cognitive enhancement (PCE), or pharmaceutical substances to improve their focus, alertness, memory, and mood. PCEs includes pharmaceuticals such as Adderall, which are prescribed to improve the attention and memory of individuals with ADHD, but are reportedly also being used by students without ADHD to improve their attention and working memory.

Since 2013, Ms Jensen has recruited over 1,250 university students in both online surveys and face-to-face interviews exploring the motivations, side-effects, and effectiveness of using PCEs to help with study effectiveness, stress, and coping. She has found that a very low proportion of respondents (less than 2 percent) report using any form of PCE, despite media portrayals that such use is common and increasing among university students. Ms Jensen’s work has received considerable media attention.

CYSAR Member: Charmaine Jensen
Radio National talks about Your Brain on Drugs – Brisbane Writers Festival

The Brisbane Writer’s Festival featured an ABC Radio National broadcast segment during this annual September event. RN presenter Paul Barclay, from the program Big Ideas hosted the hour-long program entitled ‘Your Brain on Drugs’, with guests Kate Holden, author; Marc Lewis, neuroscientist and professor of developmental psychology and author; and CYSAR Director Professor Wayne Hall. The program discussed the concept of addiction as a ‘brain disease’; the culture of drug use and addiction; and the varying journeys drug addicted individuals can take to recovery. The program was live broadcasted nationally and also attended by members of the public. Professor Hall was able to add his experience and expertise in drug policy, neuroethics, and epidemiology to the discussion of personal experiences by Kate and Marc.

Listen to the program here.

Cannabis paper highest downloaded paper of 2015

CYSAR Director, Professor Wayne Hall’s 2013 paper, What has research over the past two decades revealed about the adverse health effects of recreational cannabis use? was widely read and discussed after it was published online in October 2014 and in print in January 2015. The findings were featured in media outlets such as Forbes and Science Daily. At the end of 2015, Addiction, the top journal in the addiction and substance use field, reported that Professor Hall’s paper had been downloaded 24,443 times. The next most downloaded paper was accessed 11,266 times. Professor Hall’s paper was cited 66 times in the same year that it was released. It is proving to be an important and valuable addition to research on cannabis use and most likely contributed to his invitation to advise WHO on the topic.
PEOPLE
Wayne Hall, Director
Wayne Hall is Professor and Inaugural Director of the Centre for Youth Substance Abuse Research at the University of Queensland (January 2014-) and a Visiting Professor at the National Addiction Centre, Kings College London (2009-); the London School of Hygiene and Tropical Medicine (2010); and the National Drug and Alcohol Research Centre, UNSW.

He was formerly an NHMRC Australia Fellow in addiction neuroethics at the University of Queensland Centre for Clinical Research and the Queensland Brain Institute, UQ (2009-2015); Professor of Public Health Policy in the School of Population Health (2005-2010); Director of the Office of Public Policy and Ethics at the Institute for Molecular Bioscience (2001-2005) at the University of Queensland; and Director of the National Drug and Alcohol Research Centre, UNSW (1994-2001).

He has advised the World Health Organization on: the health effects of cannabis use; the effectiveness of drug substitution treatment; the scientific quality of the Swiss heroin trials; the contribution of illicit drug use to the global burden of disease; and the ethical implications of genetic and neuroscience research on addiction.

Email w.hall@uq.edu.au

Leanne Hides, Deputy Director
Leanne is an ARC Future Fellow and clinical psychologist with expertise in the assessment and treatment of primary and co-occurring substance use disorders in young people.

Her main areas of research interest include the efficacy of early interventions for primary and comorbid substance misuse, including the development of web- and mobile phone-based interventions.

As Deputy Director of CYSAR, Leanne manages the QUT arm of the Centre and is currently leading two NHMRC projects.

Email leanne.hides@qut.edu.au

Rosa Alati
Rosa is an NHMRC Career Development Fellow (Level 2) with a background in Indigenous health research and the life course epidemiology of alcohol and mental health disorders. Since the award of her PhD in 2004, she has made significant contributions to the fields of maternal substance use and offspring outcomes and cognate aspects of developmental and life course epidemiology. Her research interests range from methodological issues in longitudinal studies, to the developmental origin of health, mental health and addictions. She has published on the impact of maternal alcohol use on offspring cognition and alcohol use, birth weight on depression and prenatal factors for neuro-development. She has an international reputation in these fields. She is a visiting professor at Oxford and Bologna Universities.

In 2008, Rosa won the Australian 2008 National Drug and Alcohol Award for ‘Excellence in Research’ in recognition of her long term contribution to the field of substance use research.

Email r.alati@sph.uq.edu.au

Rosa has received national and international competitive grants of up to $10 million to pursue her research. She is a principal investigator of the Mater University Study of Pregnancy (MUSP) and other large epidemiological studies, to investigate causal pathways to substance use and mental health outcomes in populations.

One international study is the highly regarded ALSPAC study based in Bristol (UK), where upon she studies the effects of prenatal alcohol consumption on child neuro-developmental growth. Other studies are the ‘PASSPORT’ study of prisoners and the ‘CATS’ study of pubertal transitions. Other areas of current investigation include fetal influences on the development of alcohol and mental health disorders and persistence of alcohol use problems in adulthood.

Email r.alati@sph.uq.edu.au
Gary Chan
Gary is a UQ Early Career Research Fellow. Gary joined CYSAR in 2010 as a PhD student with Associate Professor Adrian Kelly as his primary supervisor.
Gary has a background in both psychology and statistics, and has a strong desire to make a meaningful contribution in preventing problematic and risky drinking during adolescence.
His PhD project focused on the developmental trajectories of alcohol use, and examined how risk and protective factors in family, peers and school contributed to the initiation and escalation of alcohol use.
In 2014, following the awarding of his PhD Dr Chan was appointed as a Postdoctoral Research fellow in CYSAR. His current projects focus on the epidemiology of polydrug use, and its development over the course of adolescence and young adulthood.

Email g.chan4@uq.edu.au

Jason Connor
Jason is a clinical and health psychologist and an NHMRC Career Development Fellow. His research areas include psychological, pharmacological and genetic factors contributing to the etiology and effective treatment of addiction. His also has an interest in alcohol prevention which has led to a large scale ARC-funded randomised controlled trial (RCT).

This Griffith University led trial is delivering an effective social marketing intervention to over 2,500 secondary school students aged 13-14.

Other recent research projects include youth polydrug use, web-based interventions, addiction epidemiology, and development of addiction assessment and measurement tools. His research has been supported by NHMRC and ARC funding since 2007. Jason also holds appointments in the Schools of Medicine and Psychology (UQ) and Queensland Health.

Email jason.connor@uq.edu.au

Matthew Gullo
Matthew is a Senior Research Fellow and Clinical Psychologist who conducts research on impulsivity and substance use. His research focuses on the cognitive and neuropsychological mechanisms that convey risk for substance abuse and how they can best be targeted in treatment. Recently, Matthew has been leading research that is investigating the application of the first human laboratory model of impulsive drinking in adolescents, to delineate key therapeutic mechanisms in cognitive-behavioural treatments. The model helps identify better ways to target early intervention and prevention efforts. Matthew is supported by an NHMRC Early Career Fellowship (Tier 2, Clinical). He maintains his clinical practice as a Visiting Senior Clinical Psychologist at the Alcohol and Drug Assessment Unit, Princess Alexandra Hospital, and holds an Honorary Research Fellowship at the School of Psychology at The University of Queensland.

Matthew has collaborations and partnerships with international organisations such as Yale University (USA), University of Liverpool (UK), Goldsmiths College (UK), and Plymouth University (UK).

Email m.gullo@uq.edu.au

Adrian Kelly
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. Adrian has received approximately $4million in first or senior authored nationally competitive research grants, including several Australian Research Council (ARC) Discovery Projects, National Health & Medical Research Council (NHMRC) Projects, and NHMRC Fellowship funding (Career Development Award). His ARC funded research programs highlight key windows of risk for the development of substance use, and the role of parents and family environments in protecting children through high-risk transitions.

In 2013, Adrian was awarded Joint Winner of the prize for Excellence in Research at the National Drug and Alcohol Awards.

Email a.kelly@uq.edu.au
Catherine Quinn

Catherine Quinn is a Postdoctoral Research Fellow at the Centre for Youth Substance Abuse Research at Queensland University of Technology. Catherine recently completed her Ph.D. in Psychology at Macquarie University, where she received the Macquarie University Research Excellence Scholarship.

Her PhD focused on two social cognitive processes (moral disengagement and anticipated social outcomes) and how they relate to adolescents’ engagement in underage drinking and experience of alcohol-related harm.

Catherine also recently completed her Clinical Masters in psychology. Through her clinical training Catherine worked with younger and older adults who have abused alcohol and other drugs at St John of God Hospital.

She also worked in community health placements and acute adolescent units with high-risk youth, who were often disengaged from school, depressed, and engaging in risky behaviours including self-harming and substance misuse.

Past experiences include working as a Youth Officer at Juniperina Juvenile Justice Centre and working at Ltyentye Apurte Community Education Centre, Northern Territory, re-engaging a group of young aboriginal girls in education. Catherine is also actively involved in the Mitchell Youth Leadership Forum, an annual forum for student leadership groups. In addition to building leadership skills, this forum provides mediation between the students and key school staff, enhancing communication and advocating for student ideas on ways to improve their school environment.

Email c6.quinn@qut.edu.au

Megan Weier

Megan is a senior research assistant working at the Centre under the primary supervision of Professor Hall. She has a background in psychology, and is trained in both quantitative and qualitative research methods. Her involvement with the Centre to date has included large-scale epidemiology research on cannabis use in Australian young people using the National Drug Strategy Household Survey; conducting qualitative analysis of the experience of e-cigarette users, family members of addicted individuals, and interviews with addicted individuals themselves; and has been responsible for the management of the production and editing of the annual report and website content.

Megan is also currently completing her PhD through UQ School of Psychology, focusing on modern transitions into and understandings of adulthood.

Email m.weier1@uq.edu.au

Sarah Yeates

Sarah is a senior research assistant and executive assistant to the director at the Centre. Sarah’s background in Library and Information Science assists in the publication and dissemination of research findings from the Centre.

Sarah is also a PhD candidate through UQ School of Communication and Arts, focusing on alcohol promotion and policy.

Email s.yeates@uq.edu.au
Students

Jason Coates
Jason is enrolled in a combined Masters (Clinical Psychology) and PhD at The University of Queensland. Jason’s PhD research looks at psychological mechanisms which perpetuate alcohol dependence and may consequently be targeted by psychological interventions.

The project focuses on mechanisms such as craving, impulsivity, and expectancies related to alcohol consumption.

In his PhD, Jason is collaborating with the Alcohol and Drug Assessment Unit at the Princess Alexandra Hospital where he is able to collect information pertaining to these mechanisms and how they relate to treatment outcome. Ultimately the intention of Jason’s work is to facilitate personally tailored interventions for the patient, based on the most influential psychological mechanisms maintaining alcohol misuse.

Email j.coates@uq.edu.au

Daniel Demant
Daniel has been a PhD candidate with Queensland University of Technology (QUT) since September 2014 and holds a CYSAR PhD Scholarship. Daniel possesses an undergraduate degree in Social Work and Applied Social Sciences as well as a Master in Public Health with a major in Epidemiology and Research Methods.

Daniel’s PhD project, ‘Substance Use among Lesbians, Bisexuals, and Gays: The Influence of Social Identities and Community Attitudes,’ focuses on substance use among lesbian, gay, bisexual and transgender (LGBT) people with a focus on social identities and communities.

Daniel will conduct three studies for his PhD. In the first study, he will undertake a thematic analysis of qualitative interviews with LGBT adolescents and young adults, to gain a deeper insight into interactions between different social identities and crowd affiliations and substance use and abuse in LGBT young people.

His second study will focus on stakeholders of the LGBT community such as health care workers, LGBT venue owners/operators and political activists to identify the potential relationship between the different subgroups of the community and their influence on substance use.

These studies will be used to develop research hypotheses for a third quantitative study in the form of an online questionnaire. Daniel’s study will also compare the frequency of use of 17 different types of drugs between LGBT young people with their heterosexual counterparts worldwide using data from the Global Drug Survey. Daniel also works as a research assistant and tutor for QUT.

Email d.demant@qut.edu.au

Charmaine Jensen
The term ‘pharmaceutical cognitive enhancement (PCE)’ is generally defined as the non-medical use of prescription stimulants (e.g. Ritalin) by healthy people, in an attempt to enhance alertness, focus, memory, mood and other cognitive functions. Charmaine is doing her PhD as part of an ARC-funded research study that aims to describe the extent and nature of PCE among Australian university students. The studies that make up this research project are designed to provide an understanding of how common PCE is in student populations, who engages in it, with what frequency, in what circumstances, and with what effects. Three studies will be conducted in this project in an attempt to reduce the dearth of knowledge regarding PCE amongst Australian tertiary students and to understand the patterns and consequences of their use, their attitudes towards PCE and motivations for use.

Email c.jensen2@uq.edu.au

CYSAR Advisors: Professor Jason Connor, Dr Matthew Gullo, Dr Genevieve Dingle

CYSAR Advisor: Associate Professor Leanne Hides

CYSAR Advisor: Professor Wayne Hall
Kiri Patton

Kiri Patton is undertaking a concurrent Masters of Clinical Psychology and PhD program at The University of Queensland which she started in 2014. Her PhD furthers previous work by the Centre on the impact of impulsivity and alcohol-related cognitions in youth on their current and future alcohol use.

As a component of her PhD, Kiri will develop and implement a school-based intervention targeting these factors and evaluate potential effects on adolescent alcohol misuse.

Kiri hopes that the combination of her clinical and research skills will help her PhD project to facilitate positive real-world outcomes for teenagers by reducing possible alcohol-related harm.

Email k.patton@uq.edu.au

Timothy Piatkowski

Timothy Piatkowski completed a Bachelor of Exercise Science, and Bachelor of Applied Science (Honours) at Queensland University of Technology. He has been involved in teaching and unit coordination work across various schools for several years. Additionally, he has worked in a number of research assistant roles for several years - including neurological disease based research, muscular injury and rehabilitation research, and alcohol and drug abuse treatment projects.

This has eventuated in publications, conference presentations, continued education program (CEP) workshop management, and specialised rehabilitation training and research with sporting teams ranging from Queensland Reds, to Carlton Football Club, and the Brisbane Roar.

He is currently undertaking a PhD entitled: Understanding what motivates young men’s lifestyle choices for enhancing their appearance including steroid use.

Email t.piatkowski@qut.edu.au

Nina Pocuca

Nina is a PhD candidate at Queensland University of Technology (QUT) and holds an Australian Postgraduate Award and CYSAR top-up PhD scholarship. Nina previously completed a Bachelor of Behavioural Science (Honours Psychology) at QUT. Nina’s PhD project ‘Examination of Personality Substance Use Risk Profiles and Alcohol Use Trajectories from Early to Late Adolescence’ focuses on the role of personality and other demographic and environmental factors on alcohol uptake and trajectories, throughout adolescence. This PhD comprises of four studies.

Study one will cross-sectionally examine the moderating effect of environmental factors on the relationship between personality and alcohol use trajectories throughout adolescence. Nina is currently also employed as a Research Assistant and Tutor at QUT.

Email n.pocuca@qut.edu.au

CYSAR Advisors: Dr Matthew Gullo and Professor Jason Connor

CYSAR Advisor: Associate Professor Leanne Hides

The second study will utilise self-report and behavioural assessments in order to create a new personality risk profile scale for substance use in young people. The third study will examine the reliability and validity of the scale developed in study two, within an adolescent cohort. Finally, study four will utilise longitudinal data to examine the effects of the interaction between personality and environmental variables on alcohol use trajectories throughout adolescence. Nina
Honorary, Affiliate and Adjunct Staff

**Honorary staff**
- Professor John B Saunders
- Dr Natalie Loxton
- Dr Angela M. White

**Affiliate staff**
- Associate Professor Annemaree Carroll
- Dr Genevieve Dingle
- Dr Louise McCuaig

**Adjunct staff**
- Associate Professor Gerald Feeney
- Ms Sophie Morson
- Ms Caroline Salom
- Mr John Kelly
- Dr Andrew Wood
- Associate Professor Leanne Hides
- Professor Christina Lee
- Dr Nicholas Carah
- Ms Carrie Fowlie
- Professor Lyn Griffiths
- Professor David Kavanagh
- Professor Doune Macdonald
- Associate Professor Brett McDermott
- Professor Ross Young
Major Partners and Collaborators

beyondblue The National Depression Initiative Advisory Council, New Access Program
Boystown/Kids Helpline
Boystown Fresh Start, Goodna
ChaplainWatch
Columbia University
Department of Psychiatry & Biobehavioral Sciences, UCLA
Drug and Alcohol Brief Intervention Team (DABIT), RBWH
Durham University
Flinders University
Griffith Business School, Griffith University
Griffith University
HADS, RBWH
Inspire Australia
Institute of Psychiatry, National Addiction Centre, Kings College London
Lives Lived Well, Logan and Gold Coast therapeutic Communities
Melbourne University
National Drug and Alcohol Research Centre (NDARC)
National Cannabis Prevention and Information Centre (NCPIC)
Orange Medical Aboriginal Service
Orygen Youth Health Research Centre,
University of Melbourne
University of Melbourne
Plymouth University, United Kingdom
Princess Alexandra Hospital, Brisbane
Queensland University of Technology
QUT Business School, Queensland University of Technology
Reclink Australia
Royal Brisbane Hospital, Brisbane
Salvation Army Homeless Services
School of Hard Knocks Institute (Choir for adults experiencing mental illness, addiction and homelessness)
School of Psychology (Faculty of Science and Technology), Plymouth University, UK.
School of Psychology, Deakin University
School of Social Work, University of Washington, USA
Turning Point Alcohol & Drug Centre, Monash University, Melbourne
University of Birmingham
University of Liverpool, United Kingdom
University of Manchester
University of New South Wales
University of Newcastle
Young and Well Cooperative Research Centre (Young and Well CRC)
Peer-reviewed Publications

CYSAR staff are noted in bold.


49. Hall WD. What has research over the past two decades revealed about the adverse health effects of recreational cannabis use? *Addiction* 2015; 110: 19-35.


52. Hall WD. Challenges in minimizing the adverse effects of cannabis use after legalization. Social Psychiatry and Psychiatric Epidemiology 2015; 50: 1013-5.

53. Hall WD, Carter A, Forlini C. The brain disease model of addiction: is it supported by the evidence and has it delivered on its promises? Lancet Psychiatry 2015; 2: 105-10.


73. Mani M, Kavanagh DJ, Hides L, Stoyanov SR. Review and evaluation of mindfulness-based iphone apps. JMIR mHealth and uHealth 2015; 3: e82.


102. Salom CL, Williams GM, Najman JM, Alati R. Substance use and mental health disorders are linked to different forms of intimate partner violence victimisation. Drug and Alcohol Dependence 2015; 151: 121-7.


Book Chapters and Monographs

CYSAR staff are noted in bold.


Conference Presentations

CYSAR staff are noted in bold.


29. Hall, W. D. (2015j). Obesity and addiction: is it useful for public health to understand obesity as a type of addiction to certain foods? Paper presented at the Invited lecture, Charles Perkins Institute, University of Sydney, Sydney, NSW.


## Grants New and Awarded in 2015

CYSAR staff are noted in bold.

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>Project Description</th>
<th>Funding Body</th>
<th>Award Details</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alati</td>
<td>2015-17</td>
<td>Into the thirties: Persistence and social consequences of risky drinking</td>
<td>ARC</td>
<td>Discovery Project</td>
<td>$273,200</td>
</tr>
<tr>
<td>Chan</td>
<td>2016-19</td>
<td>Early Career Research Fellowship</td>
<td>UQ</td>
<td>Fellowship</td>
<td>$168,000</td>
</tr>
<tr>
<td>Mills, Keddie, Carroll, Lingard, Mackinlay, Phillips, Lynch, Westoby, <strong>Kelly</strong>, Dobson, Tomaszewski</td>
<td>2016-17</td>
<td>Creating a more inclusive and cohesive society – education institutions engaging with community stakeholders</td>
<td>UQ</td>
<td>Faculty of Humanities and Social Sciences Strategic Research Funding Award: Collaborative Research Funding Award</td>
<td>$100,000</td>
</tr>
<tr>
<td>Rundle-Thiele, Arli, Kubacki, <strong>Connor, Gullo</strong>, &amp; Percy</td>
<td>2015-18</td>
<td>Changing Australian drinking: A comprehensive social marketing program</td>
<td>ARC</td>
<td>Linkage</td>
<td>$134,493</td>
</tr>
</tbody>
</table>
## Continuing in 2015

CYSAR staff are noted in bold.

<table>
<thead>
<tr>
<th>Name</th>
<th>Years</th>
<th>Project Description</th>
<th>Funding</th>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alati</td>
<td>2011-15</td>
<td>Genes, biology, environment and the development of substance use and mental health disorders</td>
<td>NHMRC Career Development Award</td>
<td>$471,995</td>
<td></td>
</tr>
<tr>
<td>Alati (Queensland Principal Investigator)</td>
<td>Ongoing</td>
<td>Illicit Drug Reporting System (IDRS) and Ecstasy and Related Drugs Reporting System (EDRS)</td>
<td>Department of Health and Ageing</td>
<td>$120,000/year</td>
<td></td>
</tr>
<tr>
<td>Connor, on behalf of CYSAR</td>
<td>2013-17</td>
<td>Gift to the Centre for Youth Substance Abuse Research from Graeme Wood and Andrew Brice</td>
<td>UQ The University of Queensland Endowment Fund</td>
<td>Philanthropical Gift</td>
<td>$2,000,180</td>
</tr>
<tr>
<td>Gullo</td>
<td>2012-16</td>
<td>From the laboratory to the classroom: validation of an innovative laboratory model of adolescent impulsivity and alcohol use using a school-based randomised controlled trial</td>
<td>NHMRC Early Career Fellowship TSP2: Clinical</td>
<td>$341,049</td>
<td></td>
</tr>
<tr>
<td>Hides</td>
<td>2012-16</td>
<td>Promoting the positive mental health and well being of young Australians</td>
<td>ARC Future Fellowship</td>
<td>$599,966</td>
<td></td>
</tr>
<tr>
<td>Hides, Kavanagh, Connor, Daglish, Cotton, Barendregt, Young, White</td>
<td>2013-17</td>
<td>Reducing alcohol use and related harm in young people ['Brief telephone interventions']</td>
<td>NHMRC Targeted Call for Mental Health Research</td>
<td>$702,461</td>
<td></td>
</tr>
<tr>
<td>Hides, Kavanagh, Young, Shocet, Tjondronegoro, Johnson, Drennan</td>
<td>2011-16</td>
<td>e-Tools for wellbeing project, Etools for Wellbeing Project, Rays Night Out app &amp; Keep it Real web-based program</td>
<td>Inspire Foundation and the Young and Well Cooperative Research Centre</td>
<td>Program Grant $2,400,000 (800,000 CYSAR)</td>
<td></td>
</tr>
<tr>
<td>Hides, Stain, Baker, Jackson, Lenroot, Paulik, McElduff, Wolfenden</td>
<td>2013-17</td>
<td>Social well-being and engaged living (SWEL) intervention for Australian youth at risk of mental health and other adverse outcomes</td>
<td>NHMRC Targeted Call for Mental Health Research</td>
<td>$1,305,235 (965,235 QUT)</td>
<td></td>
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<tr>
<td>Kelly, Young, Connor, Williams, Baker, Bush</td>
<td>2013-15</td>
<td>Very young adolescents and substance use: community and family vulnerabilities and healthy developmental transitions</td>
<td>ARC Discovery Project</td>
<td>$203,380</td>
<td></td>
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</table>
## CYSAR Co-investigators New or Awarded in 2015

CYSAR staff are noted in bold.

<table>
<thead>
<tr>
<th>Investigator(s)</th>
<th>Year(s)</th>
<th>Project Title</th>
<th>Funding Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forsyth, Alati</td>
<td>2015-17</td>
<td>Understanding asthma related mortality in ex-prisoners</td>
<td>Asthma Foundation of Australia</td>
</tr>
<tr>
<td>Kavanagh, Graves, Connor, Hides, Gullo, Connolly, Andrade, May</td>
<td>2016-19</td>
<td>A new, low-cost e-health treatment for Alcohol Use Disorder using mental imagery</td>
<td>NHMRC Project</td>
</tr>
<tr>
<td>Kavanagh, Hamilton, Marshall, Milgrom, Rowe, Fisher, Wittkowski, Scuffman, Davis, Walsh, Chang, Hides, Daniels</td>
<td>2012-15</td>
<td>Promoting perinatal mental health and wellbeing: development and evaluation of screening and intervention programs for both parents, using the Internet and text messages (SMS)</td>
<td>beyondblue Grant</td>
</tr>
<tr>
<td>Mamun, Alati</td>
<td>2015-19</td>
<td>Generational and developmental pathways of childhood and adolescent obesity: A three generation cohort study</td>
<td>NHMRC Project</td>
</tr>
<tr>
<td>May, Connor</td>
<td>2015</td>
<td>Travel award Prof John May</td>
<td>UQ Travel Award</td>
</tr>
<tr>
<td>Mueller, Thai, Gartner, Prichard, Hall, Lai, Jiang, Kirkbride, Bruno, Ort, Covaci, Carter, Lubman</td>
<td>2015</td>
<td>Estimating per capita use and release of chemicals by wastewater analysis</td>
<td>ARC Linkage</td>
</tr>
<tr>
<td>Najman, Alati</td>
<td>2015-16</td>
<td>Linked lives: Antisocial behaviour across three generations</td>
<td>ARC Discovery Project</td>
</tr>
<tr>
<td>Toumbourou, Kelly, Rowland, Williams, Kremer, Carter, Abraham</td>
<td>2015-19</td>
<td>Estimating the contribution of adolescent alcohol misuse prevention to the reduction of alcohol-related harm in Australia</td>
<td>NHMRC Project</td>
</tr>
</tbody>
</table>
## CYSAR Co-investigators Continuing in 2015

CYSAR staff are noted in bold.

<table>
<thead>
<tr>
<th>Co-investigators</th>
<th>Years</th>
<th>Title</th>
<th>Funder</th>
<th>Funding Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cotton, McGorry, Mackinnon, Herrman, Gleeson, Hides, Foley</strong></td>
<td>2013-18</td>
<td>Rates, patterns and predictors of long-term outcome in a treated first-episode psychosis cohort</td>
<td>NHMRC</td>
<td>Targeted Call for Mental Health Research $1,344,905</td>
</tr>
<tr>
<td><strong>Gallagher, Wiles, Connor, Loveday, Ballantyne</strong></td>
<td>2013-16</td>
<td>The development of automated advanced data analysis techniques for the detection of aberrant patterns of prescribing controlled drugs</td>
<td>ARC</td>
<td>Linkage Project; matching funds from Queensland Health $302,969</td>
</tr>
<tr>
<td><strong>Mueller, Gaus, Sly, Hall, Keller, Hawker, Toms, Harden, Lewis, Kirkbridge, Prichard, Bruno, Birch, Negri, Carter, Ponsonby, Martin, Zitny</strong></td>
<td>2014-15</td>
<td>Microflow ultra high pressure liquid chromatography - high resolution mass spectrometry for chemical exposure monitoring</td>
<td>ARC</td>
<td>Linkage Infrastructure Equipment and Facilities $334,000</td>
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<tr>
<td><strong>Patton, Allen, Sawyer, Oids, Degenhardt, Viner, Williams, Bayer, Olsson, Alati</strong></td>
<td>2011-15</td>
<td>Pubertal transitions in mental health and behaviour: the PHASE-A study of social role and lifestyle transitions</td>
<td>NHMRC</td>
<td>Project $1,572,018</td>
</tr>
<tr>
<td><strong>Rundle-Thiele, Connor, Drennan, Russell-Bennett, Leo, Percy</strong></td>
<td>2014-16</td>
<td>Advancing prevention science: application of social marketing to change the drinking culture of young Australians</td>
<td>ARC</td>
<td>Linkage Project $67,792</td>
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<tr>
<td><strong>Scott, McGrath, Najman, Alati, Mamun, Clavarino</strong></td>
<td>2013-15</td>
<td>The outcomes of adolescents and young adults who experience hallucinations: a birth cohort study</td>
<td>NHMRC</td>
<td>Project $614,731</td>
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<tr>
<td><strong>Teesson, Andrews, Newton, Slade, Chapman, Allsop, Hides, McBride</strong></td>
<td>2013-16</td>
<td>The Climate Schools combined study: Internet-based prevention for anxiety, depression and substance use in young Australians</td>
<td>NHMRC</td>
<td>Targeted Call for Mental Health Research $1,400,000 ($200,000 QUT)</td>
</tr>
<tr>
<td><strong>Teesson, Baker, Mills, Kay-Lambkin, Haber, Baillie, Birchwood, Spring, Brady, (Hides is an AI)</strong></td>
<td>2013-18</td>
<td>Translating innovative prevention and treatment</td>
<td>NHMRC</td>
<td>Centre for Research Excellence in Mental Health and Substance Use $2,499,025</td>
</tr>
<tr>
<td><strong>Toombs, Kisely, Hayman, Hides, Ranmuthugal, Chennakesavan, Brennan</strong></td>
<td>2014-18</td>
<td>Indigenous Network Suicide Intervention Skills Training (INSIST): can a community designed and delivered framework reduce suicide/self-harm in Indigenous youth?</td>
<td>NHMRC</td>
<td>Targeted Call for Mental Health Research $40,000</td>
</tr>
</tbody>
</table>
## Research Higher Degrees On-going

<table>
<thead>
<tr>
<th>Student Name</th>
<th>CYSAR Supervisors</th>
<th>Topics</th>
<th>Degree</th>
<th>Commencement Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charmaine Jensen</td>
<td>Wayne Hall</td>
<td>Non-medical use of prescription stimulants by Australian university students: Attitudes, prevalence of, and motivations for use</td>
<td>PhD</td>
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<td>Jason Coates</td>
<td>Jason Connor, Matthew Gullo, Genevieve Dingle</td>
<td>Targeting treatment in alcohol dependence</td>
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<td>Daniel Demant</td>
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<td>Substance Use among Lesbians, Bisexuals, and Gays: The Influence of Social Identities and Community Attitudes</td>
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<td>Kiri Patton</td>
<td>Matthew Gullo, Jason Connor, Jeanie Sheffield</td>
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<td>Timothy Piatkowski</td>
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<td>Nina Pocuca</td>
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<td>Impact of personality risk profiles on the onset and trajectory of alcohol use in adolescents</td>
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