

FASD SCIENTIFIC RESEARCH GROUP MEMBERS

Alati, Dr Rosa, NHMRC Postdoctoral Research Fellow, QADREC, UQ School Population Health. Dr Alati's expertise is in the early origin of alcohol problems. She has published on the effects of in-utero alcohol exposure with adverse outcomes in adolescents and adults. She has evaluated a range of Indigenous drug and alcohol problems and worked with Indigenous people in Victoria, Northern Territory and Western Australia.

Barnett, Ms Amanda, Research Assistant, Perinatal Research Centre, UQCCR and Personal Assistant to Professor Paul Colditz.

Björkman, Dr Tracey, LMRF Senior Research Fellow, PRC, UQCCR: Dr Björkman's research focuses on excitotoxic mechanisms of brain injury following events such as lack of oxygen or administration of alcohol. Her interests also include gaining a better understanding of normal brain development.

Burne, Dr Tom, Behavioural Neuroscientist, Queensland Brain Institute. Dr Burne examines neurodevelopmental animal models of early life exposures and their impact on brain development and behaviour. He has expertise in areas covering behavioural phenotyping, psychopharmacology and structural imaging of rodent (rat and mouse) models.

Chong, Dr Suyinn, Postdoctoral Fellow in Genetics, QIMR. Dr Chong and her colleagues have established a new mouse model of prenatal alcohol exposure that reproduces several of the diagnostic features of foetal alcohol syndrome (FAS), including growth restriction, craniofacial dysmorphism and central nervous system defects. This model system will be used to investigate the underlying causes of FAS, focussing on epigenetics.

Colditz, Professor Paul, Director of Perinatal Research Centre, UQCCR. Prof Colditz is a neonatal clinician with research activity and contributions in neonatal intensive care, brain development, perinatal brain injury, plasticity, protection and repair. He has expertise in randomised clinical trials, brain imaging and neurodevelopmental outcomes which will be useful as components of a multidisciplinary approach to prevention, diagnosis and interventions in FASD.

Douglas, Professor Heather, UQ's TC Bierne School of Law, Team leader of FARE sponsored project, "FASD in the criminal justice system". Dr Douglas' focus is on criminal law with particular interests in sentencing, criminal responsibility and the way the criminal justice process impacts on Indigenous people.

Finnigan, Dr Simon, Senior Research Fellow (NHMRC Career Development Awardee), UQCCR. Dr Finnigan is a neurophysiologist with substantial expertise in the detection and monitoring of abnormal brain function in various clinical populations; including stroke patients, newborn babies suffering from asphyxiation at birth, and premature babies. A primary theme and objective of Dr Finnigan's work is to deliver novel insights into brain dysfunction which can uniquely inform clinical management (eg. diagnoses, prognoses and/or interventions).

Garvey, Associate Professor Gail, Menzies School of Health Research, Division Leader, Epidemiology and Health Systems, Indigenous Researcher, Carer of Aboriginal child with FASD.

Gobe, Associate Professor Glenda, Director, UQ Centre for Kidney Disease Research and Molecular & Cellular Pathology, UQCCR. Professor Gobe is an international expert in the role of apoptosis in kidney disease. Babies exposed to alcohol in utero may be born with smaller kidneys thus placing them at risk of early chronic renal failure.

Hall, Professor Wayne, Ethicist and Addiction Specialist, UQCCR, Team member on FARE sponsored project, "FASD in the criminal justice system". Professor Hall is currently researching the ethical and public policy implications of research on the genetics and neurobiology of addiction and drug-related harm. He has worked with Dr Ernest Hunter and

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others on the effects of alcohol use on Indigenous health in the Kimberley region of Western Australia and Far North Queensland.

Hammill, Dr Janet, Indigenous Ethnographer, Coordinator of FASD Research Network, Member of Perinatal Research Group. UQCCR, Team Member on FARE sponsored project, "FASD in the criminal justice system". Dr Hammill's interests are in transgenerational experiences of stress and alcohol use that can result in poor neurodevelopmental outcomes.

Hayes, Ms Lorian, Indigenous PhD Candidate, Director of National Indigenous Australian Fetal Alcohol Syndrome Education Network (NIAFASEN), with qualifications in epidemiology and diagnostic training and assessment of FASD. Lorian has lead awareness and education on FASD across Australia and is internationally recognised for her effort.

Hayman, Professor Noel, UQ School of Medicine, Clinical Director/Physician, Inala Indigenous Health Service. Professor Hayman is widely acclaimed for adapting the mainstream primary health care model to better service the needs of urban Aboriginal populations.

Hoy, Professor Wendy, Director of Centre for Chronic Diseases, University of Queensland, is a medical doctor with extensive experience in chronic disease risk factors, consequences and mitigation and especially in Indigenous populations. Professor Hoy has pioneered the demonstration of the influence of early life events on adult health in that environment.

Mitchell, Professor Murray, Director, UQCCR. Professor Murray's interests are in the causes and consequences of preterm birth and intrauterine growth restriction. These have potential effects on early development and later vulnerability in adulthood and subsequent generations, and hence may correlate with the transgenerational pathway of prenatal alcohol exposure.

Moritz, Associate Professor Karen, NHMRC Senior Research Fellow, UQ School of Biomedical Sciences: Associate Professor and her team are using rodent models to investigate the long term effects of prenatal ethanol exposure on outcomes such as blood pressure, renal function and metabolic function.

Moxon-Lester, Dr Leith, Member of Perinatal Research Group, UQCCR. Her main interest is exploring how impaired one carbon metabolism caused by alcohol and other environmental and genetic factors impacts on foetal and postnatal brain development. Nutritional supplements to correct metabolic dysfunction before and during pregnancy and in early childhood could potentially reduce the severity of FASD.

Nixon, Dr Peter, Honorary Reader, School of Chemistry & Molecular Sciences, UQ. Dr Nixon's interest is in establishing whether a single, acute alcohol dose given to a pregnant, experimental animal, opens the blood-CSF barrier at the choroid plexus which then grossly alters the CSF chemistry, particularly by a large increase in the CSF concentration of excitotoxic glutamate.

Ober, Ms Coralie, PhD Candidate, Research Fellow at UQ's Queensland Alcohol and Drug Research and Education Centre. An Islander, Coralie has lengthy experience in implementing alcohol, drugs and tobacco awareness programs in Aboriginal and Torres Strait Islander communities across Australia and internationally with WHO.

Pow, Professor David, Head of School of Medical Sciences, RMIT Professor Pow is an expert in the areas of brain chemistry and his research encompasses the damage events that occur in young brains after insults.

Pritchard, Dr Margo, Epidemiologist, Perinatal Researcher, University of Queensland CCR & RBWH. Dr Pritchard's research and clinical focus is in high-risk child and family surveillance and intervention. She has provided incremental evidence (population studies, RCTs) to

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support high risk primary health programs to optimise long-term neurobehavioral/development militating against attenuation of early intervention effect.

Rose, Associate Professor Stephen, Principal Research Fellow, Biomedical Engineer, UQ Centre for Advanced Imaging. Dr Rose's research interests are towards the development of novel imaging technology to improve understanding of brain injury and mechanisms of recovery. An example would be linking neuroimaging biomarkers with genetic and clinical patient phenotypes to generate innovative strategies for measuring the efficacy of new therapies.

Russell, Mrs Anne, Director, Russell Family Foundation for Fetal Alcohol Disorders, FASD Educator and Advocate, team member on FARE sponsored project, "FASD in the criminal justice system". Anne has written three books on FASD and produced a video to assist parents and carers of children and adults with FASD.

Scott, Dr James, is a child and adolescent psychiatrist with a PhD in epidemiology. Dr Scott's clinical work is treating children in care who have experienced abuse and neglect as well as treating children and adolescents with developmental disorders and psychosis. He continues to undertake research in child psychiatry with the Queensland Centre for Mental Health Research (QCMHR) and UQCCR.

Stathis, Dr Stephen, Associate Professor Stephen Stathis has a dual fellowship in paediatrics and psychiatry. He has treated young people in the Brisbane Youth Detention Centre for over 10 years and has expertise in adolescent forensic psychiatry. His research interest in FASD includes its impact on young people within the juvenile justice system.

Whitelaw, Professor Emma, Australian Fellow, Chair of Genetics and Population Health Division & Head of Epigenetics Laboratory, QIMR. Recipient of the International Union of Biochemistry and Molecular Biology (IUBMB) Jubilee Medal, Professor Whitelaw's laboratory has developed an animal model of fetal alcohol syndrome.

Williams, Ms Megan, Indigenous PhD Candidate, UQ School of Population Health. Megan is currently a Team Investigator on an NHMRC Capacity Building Project on Aboriginal and Torres Strait Islander prisoner health, a Link Person to the Lowitja Institute, and a founding Director of Project 10%, an Aboriginal and Torres Strait Islander led campaign to reduce overrepresentation of Aboriginal and Torres Strait Islander people in prisons.

CONTACT PERSON

Dr Janet Hammill

