



2018-19

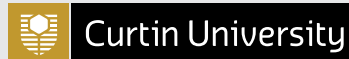
Annual Report



Australian Government
Department of Industry,
Innovation and Science

Business
Cooperative Research
Centres Program

Our Essential Participants



A full list of Participants in the Autism CRC is given in [Appendix 1](#).

*All Essential Participants are Members of the Company, Autism CRC Ltd, except for the Queensland Department of Education.

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About Autism CRC

Autism CRC is the world's first national, cooperative research effort focused on autism across the lifespan.

Our programs take a whole-of-life view from diagnosis and the early years through the school years and into adult life.

At the end of the 2018-19 reporting period, we had 56 Participant organisations, as well as other partners, based around Australia and internationally, working in collaboration. Together, we seek to build capacity and support for neurodiverse environments in our communities, so every individual has the opportunity to reach their full potential.

Autism CRC is committed to inclusive research practices and co-production of outcomes with those on the spectrum, their families and supporters. This ensures our research provides practical and tangible outputs that benefit the community.

Vision

Autistic people empowered to discover and use their diverse strengths and interests.

Mission

Motivate, facilitate and translate collaborative autism research across the lifespan underpinned by inclusive practices.

Objectives

Autism CRC provides the national capacity to develop and deliver evidence-based outcomes through our unique collaboration with the autism community, research organisations, education and health professionals, industry and government.

Strategic Imperatives

In order to realise our vision, Autism CRC is committed to:

- **Program delivery:** delivering our current programs to the expectation of our stakeholders.
- **Autistic empowerment:** developing the diverse strengths and interests of autistic people.
- **Capacity building:** investing in education, training, and development of neurodiverse communities.
- **Sustainability:** providing a focus for autism research globally, a diverse resource base of expertise and funding, and a strong brand and reputation.
- **Strategic partnering:** developing new strategic partnerships with key organisations and adding value to existing relationships.
- **Independence:** providing an objective and transparent evidence-based research platform.
- **Outcome-focused research:** enabling nimble needs analysis, timely collaboration and efficient translation and dissemination.
- **Co-production:** being the world leader in development and implementation of inclusive research practices.

Our Current Work Program

Making a positive difference to the lives of people on the autism spectrum

Autism CRC's program of work aims to deliver positive outcomes for people on the autism spectrum in two ways – by developing and fostering enablers that support an individual's ability to reach their full potential and by making large-scale investments to develop more inclusive community settings, such as schools, universities and workplaces, with an understanding and appreciation of neurodiversity.



Program 1 – Early Years

Our Early Years program aims to harness existing knowledge of autism to ensure earlier identification and more accurate needs assessment and diagnosis, using behavioural analysis together with breakthroughs in biological research. This identifies an individual's strengths and challenges, as well as pathways to the most effective supports and interventions.

Where have we come from?

- Parents' concerns from 12 months of age dismissed.
- GP reluctantly refers child to paediatrician at three to four years of age.
- Autism undiagnosed before four to five years of age.
- Trial and error of costly interventions, and loss of opportunity for individuals on the spectrum and their families.

Where are we now?

- Developed Australia's first National Guideline for Assessment and Diagnosis of Autism, creating greater consistency in diagnostic practices to ensure individuals on the autism spectrum and their families receive optimal, timely clinical care.
- Evaluated a developmental surveillance tool to enable early assessment and diagnosis of children. Over 1,000 community-based primary care professionals have been trained in the use of the SACS-R tool, with over 42,000 infants and toddlers monitored.
- Gathered and analysed phenotypic data from almost 1,500 children receiving early intervention across the six states. Identifying and validating accurate subtypes of autism will expedite decision-making around early intervention strategies to improve long-term outcomes for children.
- Established the Australian Autism Biobank, which will increase our knowledge of the autism spectrum and co-occurring conditions. Biological material and data, together with detailed behavioural and clinical information, from almost 3,000 donors is now available for approved research purposes.



Program 2 – School Years

Our School Years program aims to provide appropriate educational environments and programs, founded on the principles of Universal Design for Learning, that work together to optimise students' social, behavioural and academic development and success, and equip teachers to enhance performance and support all students at school and beyond.

Where have we come from?

- Lack of trained educators.
- Social isolation and vulnerability.
- Poor academic outcomes limiting post-school opportunities.
- Absenteeism and suspension.
- Escalation of mental health issues.

Where are we now?

- Created a body of evidence-based teaching resources and practices to improve educational outcomes of students on the autism spectrum. Areas addressed include staying on task, early literacy, structured teaching, shared book reading, communicating effectively and classroom acoustics.
- Building a new community platform co-designed with educators, for educators, providing professional development to support diverse learners in mainstream classrooms.
- Designed an intervention for secondary school students, their parents and teachers, to build resilience, support school connectedness and promote positive mental health of teenagers on the autism spectrum.
- Working through the Commonwealth Positive Partnerships program to extend reach and application of resources to remote, Aboriginal and Torres Strait Islander (ATSI) and Culturally and Linguistically Diverse (CALD) communities.



Program 3 – Adulthood

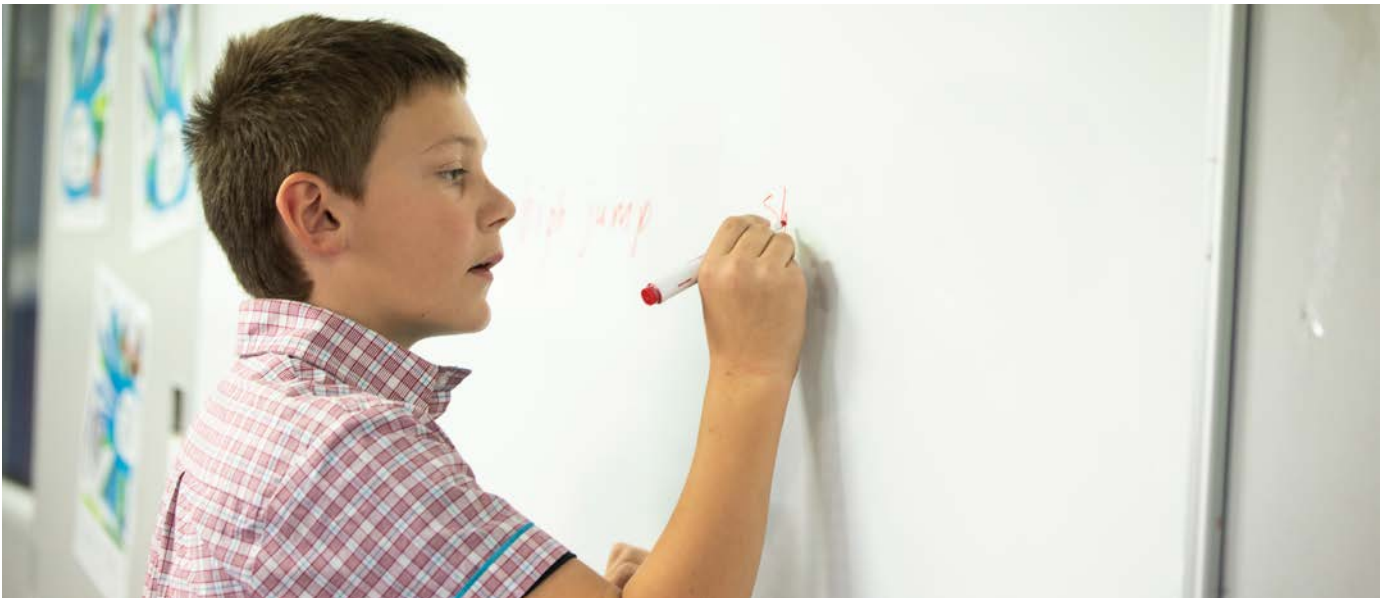
Our Adulthood program aims to enhance opportunities to successfully transition to post-school life, participate in higher education, further training and employment, and improve the health and wellbeing of people on the autism spectrum. Our program delivers tools and national protocols giving clear guidance to autistic adults and their supporters, as well as the employers, and health and education professionals who work with them.

Where have we come from?

- Little support post-school.
- Lack of life skills and vocational options.
- Escalating isolation and mental health problems.
- Limited community participation and access.
- Very low employment rate.

Where are we now?

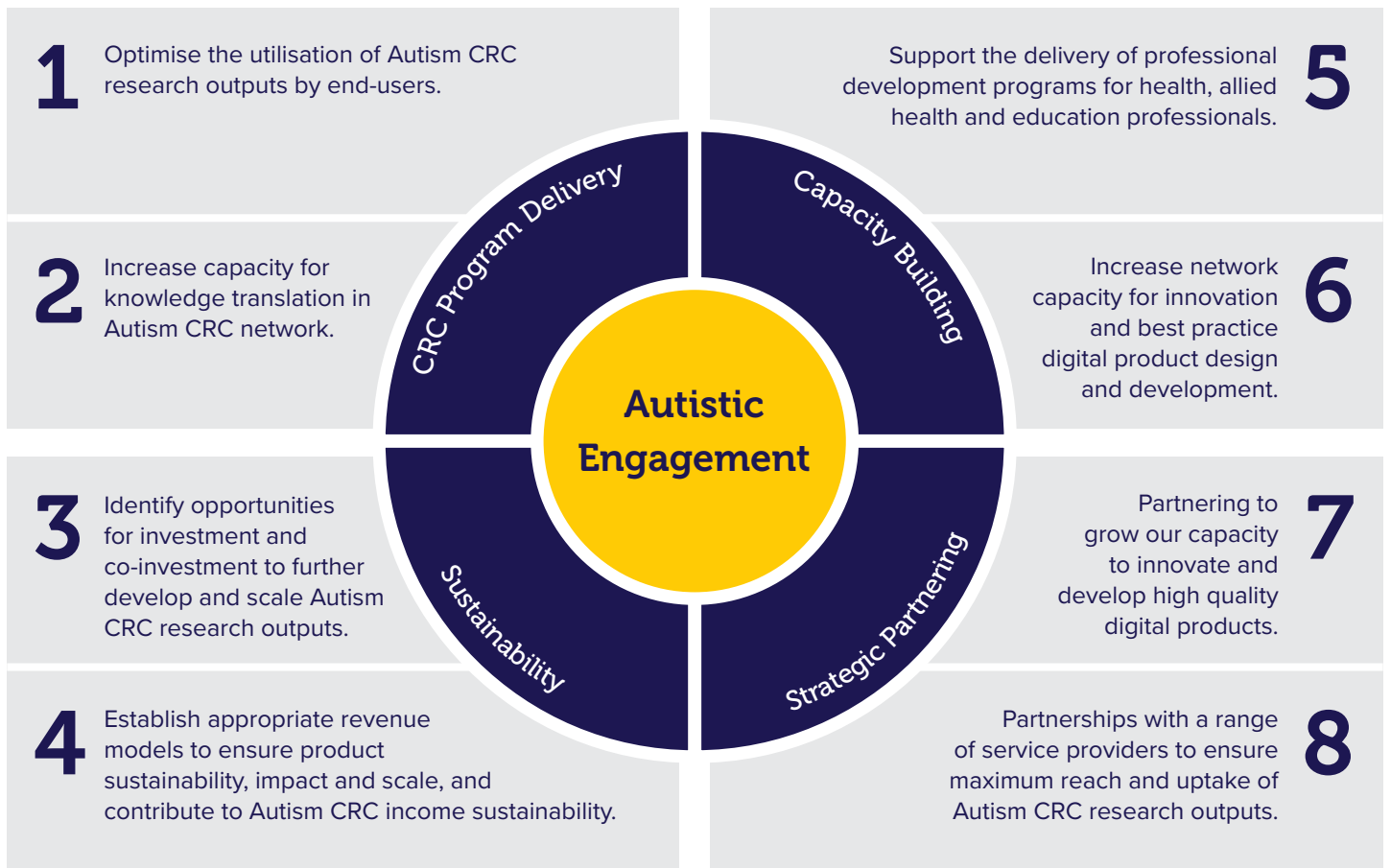
- Created tools and resources to facilitate transition from school to further education, foster independence, support driving and use of public transport, and enable economic participation.
- Developed initiatives for employers to establish neurodiverse workplaces and implement effective organisational adaptations best suited to the needs of autistic employees.
- Established a platform for health professionals to access up-to-date and evidence-based information to aid clinical decision-making around the health and wellbeing of people on the autism spectrum.
- Identified clear needs in health service delivery and care for autistic young people and adults through the examination of big data.



Knowledge Translation Framework

By translating the outputs of Autism CRC's three research programs, we aim to positively influence policy, practice and community understanding. The Knowledge Translation Framework aims to optimise those research outcomes and ensures a consistent approach across all programs.

The framework provides a priority action plan for implementation by Autism CRC and supports a number of Strategic Imperatives in the Autism CRC Strategic Plan.



A Framework to Fulfil our Vision

The first Australian autism research papers were published in the mid-1970s, and until recently, research was heavily focused on early childhood deficits and genetic studies. Despite autism being a lifelong condition, very little research was undertaken on adolescent and adult life.

Since 2013, Autism CRC has been at the forefront of a renewed research focus, addressing the whole lifespan and recognising both the strengths and challenges of people on the autism spectrum. Our programs seek to provide the supports and environments that allow individuals to thrive and contribute more fully to the economy and society. While there is more to be done, our achievements include key pieces of coordinated, collaborative research infrastructure with the capacity to make impactful change for generations to come: a framework to fulfil our vision to see autistic people empowered to discover and use their diverse strengths and interests.

Where have we come from?

Where are we now?

Autism research disparate and under-resourced



World's first national research collaboration

No co-ordinated national research agenda



Research priorities agreed and reviewed with autism community, industry and government

Little evidence on autistic adolescent or adult life



Co-ordinated, substantive program addressing the whole of lifespan

Research not inclusive of autistic community as peers



Working to embed inclusive research practices and co-production throughout the autism research community

Little collaborative research with autism service providers and professionals



Autism professionals, service providers and end users engaged in research and its translation to practice

Few opportunities and supports that cater for both the strengths and needs of a neurodiverse community



A range of tools, resources and opportunities developed with and for the autistic and autism communities

Where have we come from?

Where are we now?

Autism research disparate and under-resourced



World's first national research collaboration



Established world's first national cooperative research effort focused on autism across the lifespan

- **3 Research Programs addressing each life stage**
 - Early Years
 - School Years
 - Adulthood
- **82 projects**
 - 31 completed
 - 51 active
- **56 Participants**
 - 14 Essential
 - 42 Other
- **\$101m investment** in research and its translation



Developed practice and protocols for consistent national outcomes

- **Australia's first National Guideline for Assessment and Diagnosis of Autism**
11,000 individuals have registered to access the Guideline



Developed a range of assets for national and international autism research

- **Australian Autism Biobank**
3,000~ donors with 4,500 Biobank biological samples collected + behavioural & questionnaire data
- **4 longitudinal studies** across the lifespan with 1,450 participants



Trained the next generation of autism researchers and diagnosticians

- **61 scholars**
 - 27 active
 - 34 completed
- **8 Early Years**
- **24 School Years**
- **29 Adulthood**
- **47 students** completed or undertaking Graduate Certificate for Autism Diagnosis

Where have we come from?

Where are we now?

No co-ordinated national research agenda



Research priorities agreed and reviewed with autism community, industry and government



Delivered Autism CRC program in consultation with key stakeholder communities



Auspiced the Australian Autism Research Council (AARC)

- 7 draft priorities for research
- 1,100 responses to consultation from individuals and organisations

22% autistic individuals

65% parents and carers

Where have we come from?

Where are we now?

Little evidence on autistic adolescent or adult life



Co-ordinated, substantive program addressing the whole of lifespan



Program explicitly addressing adolescent and adult life

- **Created tools and resources** for adolescents to transition to further education and employment
- **Developed programs and initiatives** to promote inclusive workplaces and educational environments
- **Established pathways** to improve health service delivery and adult wellbeing
 - Data analysed from 36,000 autistic people in one study alone
 - Almost 4,000 health professionals upskilled in autism-specific wellbeing



Initiated longitudinal studies focused on autistic adolescent and adult life

- | | |
|---|--|
| <ul style="list-style-type: none"> • 15-25 years
Australian School Leavers Study • 360+ participants | <ul style="list-style-type: none"> • 25+ years
Australian Adults Study • 672 participants |
|---|--|

Where have we come from?

Where are we now?

Research not inclusive of autistic community as peers



Working to embed inclusive research practices and co-production throughout the autism research community



Launched Co-production Partner Initiative

- **4 Co-Production Partners**
 - Autism Spectrum Australia (Aspect)
 - Curtin University
 - Macquarie University
 - University of Southern Queensland



Established the Sylvia Rodger Academy to empower autistic adults

- **3 Programs**
 - Research
 - Future Leaders
 - Governance
- **47 Research Program graduates**
- **14 Future Leaders graduates**

Where have we come from?

Where are we now?

Little collaborative research with autism service providers and professionals



Autism professionals, service providers and end users engaged in research and its translation to practice



Ensured high levels of end-user/industry engagement in research and initiatives

- **55% CRC Participants** from industry and/or private sector
- **300+ schools** involved in our work
- **68% CRC Participants** are end-users
- **10,000+ professionals** involved in our training events or programs



Co-designed inclusionED, a community platform, with educators, for educators

- **120 teachers** engaged in development of inclusionED

Where have we come from?

Few opportunities and supports that cater for both the strengths and needs of a neurodiverse community



Where are we now?

A range of tools, resources and opportunities developed with and for the autistic and autism communities



Created Knowledge Centre as a single online gateway to Autism CRC publications and resources

- **210 items in Knowledge Centre** and continuing to grow
- **33,000 downloads** publications, reports and resources



Developed employment initiatives to help promote neurodiversity in the workplace

- **12 continuing employees** through Autism & Agriculture project
- **100+ attendees** at 2018 Autism@Work Summit



Created tools to facilitate transitioning from school, learning to drive and catching public transport

- **100 people** including autistic young adults, parents and professionals undertaken web-based transition planning program, BOOST-A
- **250+ people** including autistic young adults and their supporters involved in co-design of MyWay Employability web application
- **72 autistic learner drivers** trialed the autism-specific driving instructor online resource
- **550+ downloads** Autism-specific public transport app (research version)



Provided GPs with autism-specific professional development

- **3,985 completions** of autism-specific suite of professional development for GPs

Report from the Chair and CEO

The 2018-19 year again saw our unique national collaboration not only deliver on program milestones, but positively contribute to autism-related practice and policy, community capacity and the nature of autism research. Each of our programs are now implementing major initiatives that draw together the research outputs from the 80+ investment projects undertaken to date, to deliver integrated, transformative outcomes for their user communities – in early childhood, the school years and adult life.

This report marks our sixth year of operation and three-quarter time for our founding CRC Program agreement. Our Board therefore has two strong areas of focus: the delivery of the remaining milestones in that Program, including the translation of outputs to practice and policy; and transition to operations beyond 2021, securing the financial and Participant resources necessary to address the many areas of need beyond the scope and remit of that initial program.

It is always difficult, and perhaps unfair, to highlight just a few of the major activities and outputs from our three core programs over the past year, given the enormous body of work undertaken across the 50+ active investment projects.

- Australia's first national Guideline for the Assessment and Diagnosis of Autism, approved by the National Health and Medical Research Council, was launched by the Commonwealth Ministers for Health and Families & Social Services in October 2018. The Guideline provides a backbone for the development and delivery of a clinical care pathway for autistic individuals and others with neurodevelopmental challenges. We are now working with the Commonwealth Government on an implementation program for the Guideline.
- The Australian Autism Biobank commenced operation in December 2018, with biological samples and detailed phenotypic data from almost 3,000 donors, including autistic individuals and their family members. Many access applications have since been received from Australian and international researchers. The Biobank, along with data from our longitudinal studies, represents a significant asset for use in autism research and applications development for many years.

- The inclusionED platform, the beta version to be launched for testing in October 2019, will provide practice guides, tools and professional development resources to educators – based on the outputs of over 20 projects undertaken in our School Years program in partnership with more than 300 schools across the nation.
- Career planning and transition to employment outputs from our Adulthood program have been integrated within MyWay Employability, a web application currently under development, designed to assist young adults plan and manage transition to participation in post-school life. The program has received approximately \$0.5M from the Telstra Foundation to develop the MyWay product.
- We are building the capacity of our national primary healthcare providers through a number of projects, including a trial of an early developmental surveillance protocol in General Practitioner clinics, now commenced in two states; and the development and launch of an autism pathway within the HealthPathways online manual used by clinicians in many of Australia's Primary Health Networks.

In addition to delivering the objectives of our core programs, we have also placed explicit emphasis on developing a platform for user-driven autism research, positively influencing the way autism research is conducted and its impact in the community into the future.

- Last year, we were pleased to announce the formation of the Australian Autism Research Council (AARC), under the auspices of Autism CRC. The AARC is made up of representatives of the key stakeholder groups from the community, professionals and service providers, and government to review and communicate user-driven priorities for autism research. In October 2019, the AARC will release its first report on research priorities, having undertaken a community consultation process during the year, with inputs from over 1,100 individuals and organisations. The AARC will facilitate the further analysis and review of community research priorities year-on-year, informing future research resourcing.

The impact of Autism CRC on the Australian autism research landscape

Autism CRC has had a significant impact on the autism research landscape in Australia, prioritising research topics that reflect community needs and views across the lifespan. A Macquarie University study of Australian Research Council, National Health and Medical Research Council and Autism CRC research funding (den Houting, J. & Pellicano, E., 2019) showed that in the period 2008 to 2012, prior to the establishment of Autism CRC, a total of 40 autism-specific research grants were active in Australia. This represented a total investment of approximately \$14 million. The analysis of that funding shows almost half was allocated to biological research, with no research funding allocated to lifespan issues, infrastructure or surveillance.

Following the inception of Autism CRC in 2013, there has been a clear shift in both the quantum and distribution of autism research funding. In the five years from 2013 to 2017, a total of 113 autism-specific research grants were active in Australia, with a total value of almost \$44 million (including almost \$20 million in Autism CRC cash investments). While there is still work to be done in ensuring that research is being directed to user priorities, the analysis noted that research funding was distributed more evenly during this time period with lifespan issues, infrastructure and surveillance now being allocated significant funding.

Reference

den Houting, J. & Pellicano, E. (2019). A portfolio analysis of autism research funding in Australia, 2008-2017, *Journal of Autism and Developmental Disorders*, 1-9. doi.org/10.1007/s10803-019-04155-1

- The Sylvia Rodger Academy, announced in November 2018, is developing and delivering skill and experiential development programs for autistic adults. Programs in Research Co-production and Leadership, the latter now delivered in partnership with Aspect, are offered through the Academy, and a Governance program will be delivered over 2019-20.
- Research, co-produced with autistic individuals and their allies, delivers outputs relevant to the needs of the community that is more readily translatable to practice. Autism CRC therefore established its Research Co-production Partner Initiative, recognising those research organisations demonstrating a commitment in action to co-production. During the year, we welcomed Aspect, Curtin University, Macquarie University and the University of Southern Queensland as the inaugural Partners.

The establishment of an effective collaboration between community participants, industry, government and leading researchers, focused on the opportunities and challenges for end-users, is far from a simple task. It has only been achieved through the commitment and hard work of our Participants and other Autism CRC team members over an extended period. With that unique national collaboration established and delivering outcomes, we are actively engaged with government and participants, current and future, in ensuring that this national capacity continues to deliver beyond 2021. The needs of our community span many sectors – including health, social services, education, employment and justice – and a future program must take a holistic, connected view of these sectors to deliver effective and efficient outcomes for the economy and society – and deliver greater opportunity, participation, access, equity and self-determination for people on the autism spectrum and their families.

As you read through this report, we trust that you will learn with interest of Autism CRC’s significant initiatives, investments, outputs and outcomes. It is only through the national capacity enabled by the Commonwealth CRC Program and the significant contributions of our Participants that these results have been achieved. On behalf of the Autism CRC Board and

team, we thank all those who have contributed to the activities and outcomes. We look forward to continuing our work together towards the realisation of our vision to see autistic people empowered to discover and use their diverse strengths and interests – and securing the participant-base and resources to continue our mission over the next decade.



Robert van Barneveld
Chair



Andrew Davis
Chief Executive Officer

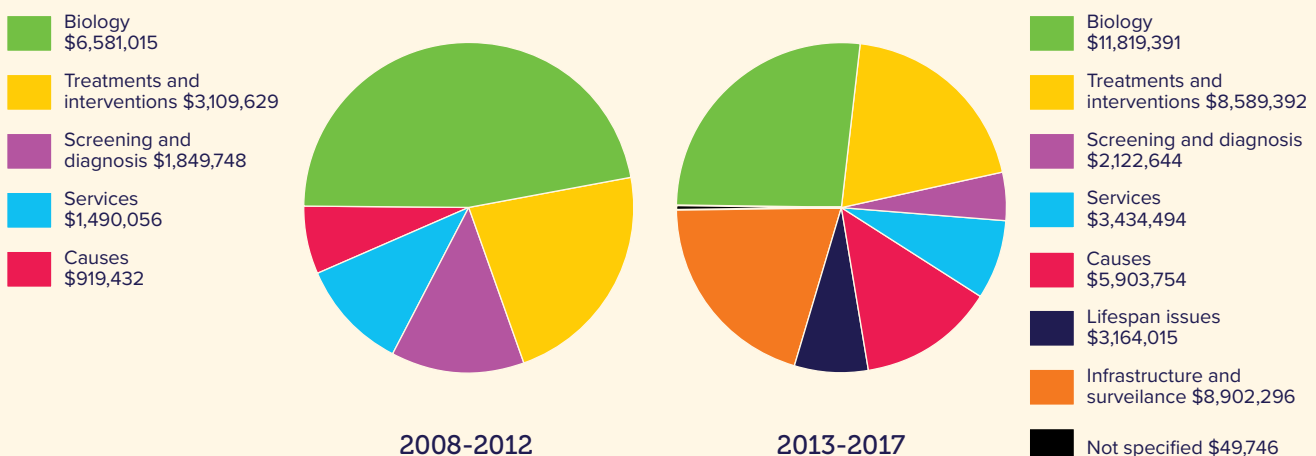


Robert van Barneveld, Chair



*Andrew Davis,
Chief Executive Officer*

Figure 1: Distribution of Australian autism research funding in 2008-2012 (left) and 2013-2017 (right)



1 Key Achievements 2018-19

1.1 Research and Collaboration

- Six new projects were approved in the 2018-19 Investment Round, bringing the total number of CRC program projects to 62 approved to date. Autism CRC has also undertaken a further nine core projects in addition to 11 research projects with other agencies, including Positive Partnerships, National Disability Insurance Agency (NDIA) and Telstra Foundation Tech4Good.
- During the reporting period, of the Participants engaged in our research programs 38 were end-user organisations and 26 were Small and Medium-sized Enterprises (SMEs) – with several organisations falling under both categories.
- 34 new journal publications were published and 76 conference presentations and posters were presented across the programs.
- The National Guideline for the Assessment and Diagnosis of Autism was successfully launched in October 2018. All 70 practice recommendations of the guideline were approved by the National Health and Medical Research Council (NHMRC) (see page 21).

Research Co-production Partner Initiative

To highlight those organisations who are committed to sustained research co-production, we established the Autism CRC Research Co-production Partner Initiative in 2018. In March 2019 we were pleased to announce our first official Autism CRC Research Co-production Partners:

- Autism Spectrum Australia (Aspect)
- Curtin University
- Macquarie University
- University of Southern Queensland.

Evidence demonstrates that engaging individuals on the spectrum and their families and carers as peers in research – from the definition of need to the conduct of research and its application – promotes quality, translatable research relevant to the needs of the community.

An expert panel, comprising autism researchers and autistic adults, reviewed and assessed all applications, with recommendations then made to the Board of Autism CRC.

The Co-Production Partner Initiative builds on previous work undertaken by Autism CRC to promote and facilitate co-production practices, including the development of Inclusive Research Practice Guides and the establishment of the Sylvia Rodger Academy.

We commend these organisations for the valuable work they are doing to genuinely engage and work with the autistic and autism communities.



Australian Autism Biobank

After collecting biological material and detailed phenotypic data from almost 3,000 donors across Australia, access to Australia's first autism biobank was launched in December 2018. Along with providing an asset for national and international research, Autism CRC will use biobank data in seeking predictive markers to aid early, accurate diagnosis. Prospective researchers can

now apply to use the materials for approved research purposes through an online process.

A number of applications have been received and are currently underway utilising the Australian Autism Biobank resource.

We would like to thank all our participants, who have contributed to positively transforming the lives of autistic people across the lifespan.

Participants

Almost 3,000 people participated in the Australian Autism Biobank.

1,152

children on the autism spectrum

847

mothers of children on the spectrum

548

fathers of children on the spectrum

263

non-autistic siblings

150

non-autistic children with no family history of autism

16

queried on the autism spectrum

University of Wollongong becomes newest CRC Participant

In February 2019, we were pleased to officially welcome University of Wollongong (UOW) as the newest Participant of Autism CRC. We welcome UOW's contributions to our unique network, working together to facilitate and

translate research into positive outcomes for people on the autism spectrum.

Dr Amanda Webster, Senior Lecturer in Autism and Inclusive Education in the School of Education and Academic Program Director for the Autism postgraduate programs, is co-ordinating UOW's collaborations with Autism CRC.



Above: We congratulate the teams of both Dr Jill Asburner, Project Leader for the Adolescent/Adult Goal Setting Tool, and Dr Kiah Evans, Coordinator of the Guideline development project for their outstanding work.

Awards Celebrate Achievement in Autism Research

Many Autism CRC team members were honoured with awards during the year. A number of these are listed of page 46.

Two projects received recognition at the annual Autism CRC Awards for Achievement in Autism Spectrum Research for their outstanding commitment to inclusive research practices and translation of autism research:

- Goal Setting Tool for Adolescents and Adults
- National Guideline for the Assessment and Diagnosis of Autism.

In the category of inclusive research practice, the winning project involved the development of a goal setting tool that enables autistic adolescents and adults to develop and prioritise their goals in areas including self-care/home living, study/training, work/employment, health/fitness, community access/participation and communication.

The Goal Setting Tool for Adolescents and Adults gives autistic people a voice when planning their futures by ensuring that the goals they express are genuine reflections of self-determination.

The National Guideline for the Assessment and Diagnosis of Autism Spectrum Disorders in Australia was developed in response to the call from the clinical and autism communities for a national and consistent guideline for autism assessment and diagnosis.

The Guideline received the Research Translation category award in recognition of its outstanding translation of a comprehensive evidence-based review and community consultative research.

Australian Autism Research Council

Operating under the auspices of Autism CRC, the Australian Autism Research Council (AARC) was established in April 2018 to review and define national priorities for autism research and identify areas of research need for the autistic and autism communities.

AARC includes representatives of the autistic and broader autism communities, as well as service providers, health and education professionals, government program managers and policy makers, and researchers.

In early 2019, AARC identified seven broad research priority areas and in June a community consultation process sought to test and refine these priorities. The online survey and submissions process received over 1,100 contributions and the final priorities will be released later in 2019 based on this feedback.

By defining national priorities for autism research the AARC aims to guide the future focus of research activities and research funding by government, as well as research and development undertaken by non-government organisations and other industry members who provide programs and services for the autism community.

Draft Australian Autism Research Priorities – released for community consultation

Core Research Priorities



Longitudinal Studies across the Lifespan

Three longitudinal studies of individuals on the autism spectrum provide ongoing data and baselines for the development of tools, practice and policy to improve education, employment, health and wellbeing outcomes for people on the autism spectrum.

Through the Longitudinal Study of Australian Students with Autism (LASA), the experiences and outcomes of two cohorts, each of 125 students (four to five years and nine to ten years), are being followed up annually for six years. The study is now in its fifth year and involves 147 schools along with parents, teachers, school principals and child participants.

One application of the data has been the testing of the newly-developed Anxiety Scale for Children with Autism Spectrum Disorder (ASC-ASD), designed specifically for the assessment of anxiety symptomatology in children on the autism spectrum. High rates of anxiety symptomatology were found, with 63% of parents rating their children in the clinical range. This is one of the first studies to explore anxiety symptomatology in children on the spectrum using an autism-specific measure of anxiety. Findings suggest that the ASC-ASD may be a useful tool for the assessment of anxiety symptomatology in children on the spectrum.

This is one of the first studies to explore anxiety symptomatology in children on the spectrum using an autism-specific measure of anxiety.

The Australian Longitudinal Study of Adults with Autism (ALSAA) and the Longitudinal Study of School Leavers (SASLA) aim to better understand post school outcomes, quality of life, mental and physical health, employment, social inclusion, ageing and overall wellbeing of adolescents and adults on the autism spectrum.

The SASLA team produced a baseline data snapshot during the reporting period which compared the outcomes of 142 15-25 years olds on the autism spectrum with 222 of their non-autistic peers. The baseline showed that after

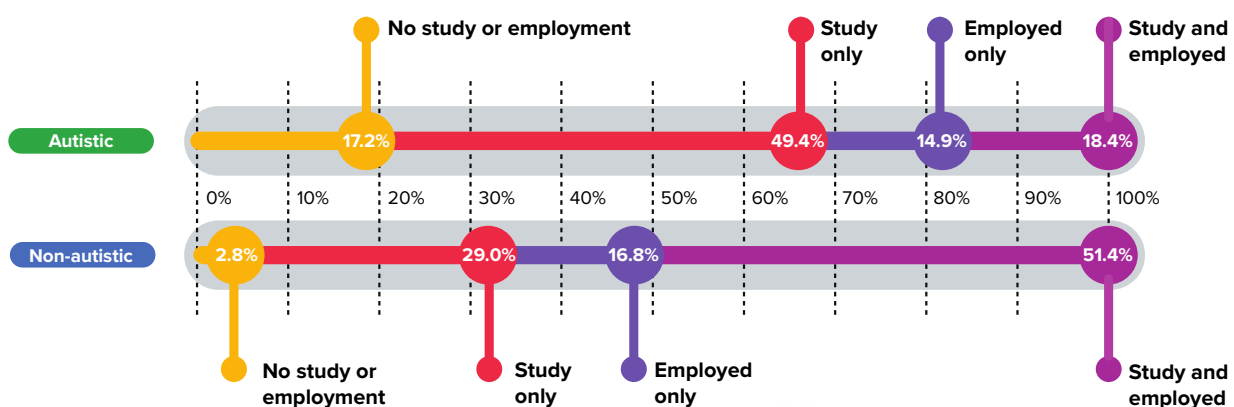
high-school, most young people were either studying or employed, but the number of those engaged in these activities were higher among non-autistic young people. Furthermore, more non-autistic young people were studying at university (91.9%: 64.4%), while more of the autistic young people were studying at TAFE (28.8%: 4.7%).

The ALSAA team produced health findings that have ramifications for health service provision in Australia. Using collected baseline data, one study found that autistic adults had increased odds of psychotropic medication prescribed to them, even when controlling for the presence of any neurological or psychiatric disorder. There were no corresponding indications for 14.4% of psychotropic medications prescribed to autistic adults in the study (n=188). This study found that patterns of psychotropic medication use may reflect prescribing for behavioural indications despite limited evidence to support this practice.

Using collected baseline data one study found that autistic adults had increased odds of psychotropic medication use even when controlling for the presence of any neurological or psychiatric disorder.

The ALSAA team also published in the leading academic journal Autism Research after finding that the comparative mortality of autistic people is twice that of the general population. Researchers analysed large linked datasets on mortality rates, risk factors and cause of death of 36,000 autistic people in NSW. Autistic people were most likely to die from injury or poisoning (including accident and suicide), while nervous system disorders were the next most common cause of death. The general population, on the other hand, were most likely to die from cancer, or from diseases such as heart attack or stroke. The results indicate the need for greater understanding of autism and co-occurring conditions within the health services sector, and that more equitable access to health services (for both physical and mental health) has to be a priority for government and health service providers.

Figure 2: Post-high school activities



1.2 Commercialisation and Utilisation

- Autism CRC was awarded \$450,000 in funding and support from Telstra Foundation Tech4Good Challenge.
- Over 11,000 individuals have registered to access the National Guideline for Assessment and Diagnosis of Autism. This includes 6,000 professionals and almost 3,000 parents and carers.
- During International Autism Month in April, our four-part free webinar series booked out in less than a week (150 registrations per webinar). A further 200 people have viewed recordings on YouTube to date.
- Over 250 educators have registered to use the inclusionED (formerly Diverse Learners Hub) when it launches in 2020.
- 300+ schools involved in our research and translation projects.
- Over 2,000 families from around the world have utilised the Secret Agent Society (SAS) social-emotional skills and resilience program during the past 12 months.

Telstra Foundation Tech4Good Challenge

Following completion of Stage 1 of the Telstra Foundation Tech4Good Challenge, Autism CRC submitted a proposal to the Telstra Foundation Board for Stage 2 to build, pilot and evaluate MyWay Employability, incorporating the Autism CRC goal setting tool to achieve Better Outcomes for Successful Transitions among people on the Autism spectrum (BOOST-A). The application was successful and in early 2018 Autism CRC was awarded \$450,000 in funding and support over the next two years, with an opportunity to pitch for an additional \$450,000 to scale and grow the service in late 2020.

In development of the proposal Autism CRC established a core project team including representatives from Curtin University, CSIRO Australian Institute for e-Health and Autism CRC, and secured in-principle support from Autism Hub, Department of Education Queensland and Aspect. This year the MyWay Employability project established a Neurodiverse Youth Advisory Group to advise on the engagement elements of the app, content and user expectations. The long-term vision is that MyWay Employability will be widely used in schools as a support resource for educators working with autistic school leavers in transition planning.



Above: Assoc. Prof Marina Ciccarelli (R) at the Telstra Tech4Good Challenge.



Above: The 2018 Autism@Work Summit was attended by over 100 participants.

Autism@Work

The second Autism@Work initiative included an executive breakfast, a one day summit and an employment fair. Presented by Autism CRC, DXC Technology and ANZ, the events were held in October 2018, proudly supported by sponsors Symantec, SAP and Peoplebank.

With more than 100 participants, the Autism@Work Summit was a great opportunity for attendees to hear from the growing number of organisations investing in a more neurodiverse workforce.

The summit program included keynote presentations from Paulette Penzvalto, autism advocate and Google employee from Silicon Valley; Yenn Purkis, autism employment advocate, writer and speaker; and Matt Ormiston, autism advocate, technologist and adventurer.

The day also included presentations and workshops from a number of employers and industry speakers, including representatives from Autism CRC, ANZ, DXC Technology, Federal Department of Health and Human Services, Federal Department of Home Affairs, SAP, Peoplebank, Curtin University and La Trobe University.

After the summit, an Autism@Work Employment Fair was held to discuss employment opportunities with autistic job seekers and their families.



1.3 Education and Training

- Three new PhD candidates commenced in 2018-19, bringing the total number of PhD scholars to 37. One new Honours student commenced.
- Project Leaders Day was held in August 2018 at the Autism Hub (Department of Education Queensland). An update was provided on current achievements, future directions and priorities. The afternoon featured a presentation by SRA Research Program alumna, Gabrielle Hall, and a presentation and activities related to co-production led by Dr Wenn Lawson.
- Scholars Day was held at Griffith University in December 2018 and included various interactive sessions. One of the highlights was the lively discussions amongst all attendees and the opportunities created to build and enhance networks and partnerships across the Autism CRC and broader community.
- The Australasian Society for Autism Research (ASfAR) Conference provided a platform to showcase Autism CRC research. Autism CRC PhD Scholars were awarded two of the three student prizes at the conference: Lacey Chetcuti (Best Student Poster) and Yunhe Huang (Best Student Rapid Presentation).
- Autism CRC had a strong presence at the Asia Pacific Autism Conference (APAC) in May 2019, held for the first time in Singapore. Autism CRC researchers presented a significant number of oral presentations and posters, facilitated and were involved in numerous workshops and symposiums. There was wide interest in our work among conference delegates.
- International Society for Autism Research (INSAR) Annual Meeting was held in Canada in May 2019 and was the largest meeting to date. With presenters from more than 50 countries across the globe, the conference was well supported with presentations and posters from Autism CRC researchers across a broad range of topics.

Participant Day

In early April 2019, Participant Day was attended by over 90 people representing 27 organisations, including 13 Essential Participants and more than 20 alumni from the Sylvia Rodger Academy's Research and Future Leaders programs.

Several CRC Participants, including Aspect, Autism West and the Tasmanian Autism Specific Early Learning and Care Centre showcased the collaborative research outcomes that have come about through their involvement with Autism CRC. The keynote address was given by Belinda Robinson, Chair of the CRC Association, who offered strong words of encouragement and support for the continued work of Autism CRC.



Above: Prof Andrew Whitehouse (Chief Research Officer) and Dr Wenn Lawson presenting at Participant Day 2019.



inclusionED
supporting diverse learners

inclusionED

inclusionED is a new community platform co-designed with educators, for educators, providing evidence-based professional development to support diverse learners.

It will provide access to practices in the form of:

- Text articles with a series of steps to successfully implement a practice
- Instructional and informative videos
- PDF manuals and support materials such as handouts
- Research reports and journal articles.

inclusionED will also provide a national community of practice, enabling social sharing, comments and reviews of the experience implementing specific practices. The development of inclusionED continues with testing of teacher self-assessment, search functionality and community of practice.

An advisory group of 120 teachers is engaged in the development and over 250 educators have already registered interest in the resource. A primary domain name of inclusioned.edu.au has been secured, and our application was endorsed by Education Services Australia. Technical and content development continues on schedule for a beta version release for trial in October 2019.

Positive Partnerships

Through a collaboration with Aspect, as the manager of the Positive Partnerships program, many of the project outputs from the School Years Program are being further developed, disseminated and utilised for remote, ATSI and CALD communities. In addition, an ATSI Community Liaison position supported engagement with ATSI communities in a number of education research projects over the two years to improve the educational outcomes for students in these communities, along with students in rural and remote regions.

In this financial year, Positive Partnerships investment enabled the translation of School Connectedness research into a web-based resource for educators and parents (www.autismteenwellbeing.com.au) which will be launched later in 2019. The website targets secondary school students, their parents and teachers, with the aim of developing resilience, supporting school connectedness and promoting positive mental health in teens on the autism spectrum.

The Sylvia Rodger Academy

The Sylvia Rodger Academy was officially launched on 1 November 2018 at the Institute of Social Sciences Research, University of Queensland. An initiative of Autism CRC, the Sylvia Rodger Academy delivers three nationwide programs - Future Leaders, Research and Governance - each aimed at empowering autistic adults to contribute to policy and practice impacting upon their lives. The Academy also works to build the inclusive capacity of the broader community to recognise and engage the strengths of those on the autism spectrum.



**Sylvia
Rodger
Academy**

The Academy is named in honour of the late Emeritus Professor Sylvia Rodger AM, founding CEO of Autism CRC. Sylvia's contribution, both nationally and internationally, to autism practice and research was outstanding. She often reflected that Autism CRC was her dream come true with its high-quality, end-user focused, collaborative research program disseminated and implemented by service providers and policy makers.

In the reporting period, 14 people graduated from the 2018 Future Leaders Program, the 2019 Future Leaders Program began (delivered in partnership with Aspect) and applications for the first-ever Governance Program opened.





2 Our End-Users

As a core tenet of our philosophy, Autism CRC engages with end-users at all levels to ensure that our research priorities and findings are grounded in user needs, and have the greatest chance of being translated and used.

To ensure our research provides practical and tangible outputs that benefit autistic individuals and their families, Autism CRC seeks to build research capacity within neurodiverse communities through inclusive research practices.

The end-user environment is comprised of four major groups:



Individuals on the autism spectrum and their families and carers - the ultimate beneficiaries of our research outcomes.



Professionals who provide advice, assessment and intervention for individuals on the autism spectrum (paediatricians, general practitioners, psychiatrists, community nurses, early childhood educators, teachers, psychologists, occupational therapists and speech pathologists). These professionals work across the public, not-for-profit and private sectors.



Service providers that employ professionals to provide services to individuals on the autism spectrum and their families. These include state associations and service providers; private providers; Commonwealth and state government agencies focused on education, health and disability; children's hospitals; and health service districts and practices.



Organisations providing employment and associated education and training.

In addition to participation and co-production in our research projects, Autism CRC seeks to involve end-users in all aspects of our operations, such as governance, program advisory groups, and Autism CRC policy and program development.

Autism CRC research findings are made available to end-user organisations to enhance their impact, utility and translation into policy, programs and practice.

Through the outcomes of our research and participation in the autism community, Autism CRC also aims to inform the policy debate in Australia relating to education, therapy service provision, health, employment, and disability support services for individuals and carers.

Above: Cheryl Mangan, Manager, Research Translation (front L), and Brendan James, Digital Product Manager (front R), with the MyWay Employability Neurodiverse Youth Advisory Group members.

National Guideline for Assessment and Diagnosis of Autism

The National Guideline for the Assessment and Diagnosis of Autism aims to create greater consistency in assessment and diagnosis practices across the country to ensure individuals on the autism spectrum, and their families, receive quality and knowledgeable advice.

The Guideline was successfully launched on 16 October 2018 in the Parliament House Senate Gardens by the Honourable Paul Fletcher, Minister for Families and Social Services, and the Honourable Greg Hunt, Minister for Health.

Developed and published by Autism CRC, with financial support from the National Disability Insurance Agency, this is Australia's first national guideline for the assessment and diagnosis of autism and the culmination of two years' work. Development of the guideline included a major international research exercise followed by extensive consultation across Australia with the clinical, allied health, service provider, autistic and autism communities.

All 70 practice recommendations of the guideline have been approved by the National Health and Medical Research Council (NHMRC), which demonstrates that they are of high quality, based on best available scientific evidence and developed to rigorous standards. Strong demand for the National Guideline is evidence of its relevance to our end-user groups. This includes over 6,000 professionals and almost 3,000 parents and carers.

"The new National Guideline is a great first step as it describes a process to follow in order to understand the level of functioning, care needs and potential diagnoses for an individual with neurodevelopmental and behavioural challenges," said Associate Professor Gehan Roberts, President of the Neurodevelopmental and Behavioural Paediatric Society of Australasia (NBPSA). NBPSA are key experts in this field and the body comprises a majority of paediatricians with specialist clinical expertise in neurodevelopmental and behavioural concerns in children and young adults.



Australia's first national guideline for the assessment and diagnosis of autism.



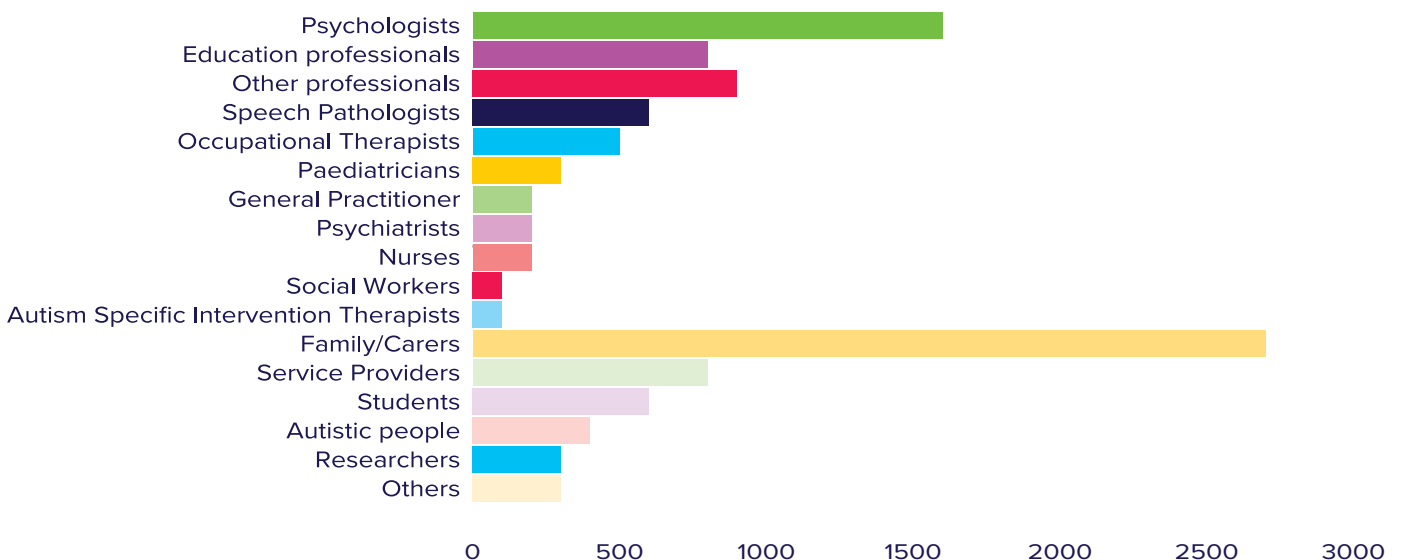
All 70 practice recommendations of the guideline have been approved by the NHMRC.



11,000 individuals registered to access the Guideline.

"The new National Guideline is a great first step as it describes a process to follow in order to understand the level of functioning, care needs and potential diagnoses for an individual with neurodevelopmental and behavioural challenges."

Figure 3: Individuals registered to access the National Guideline according to user group.



3 Our People and Structure

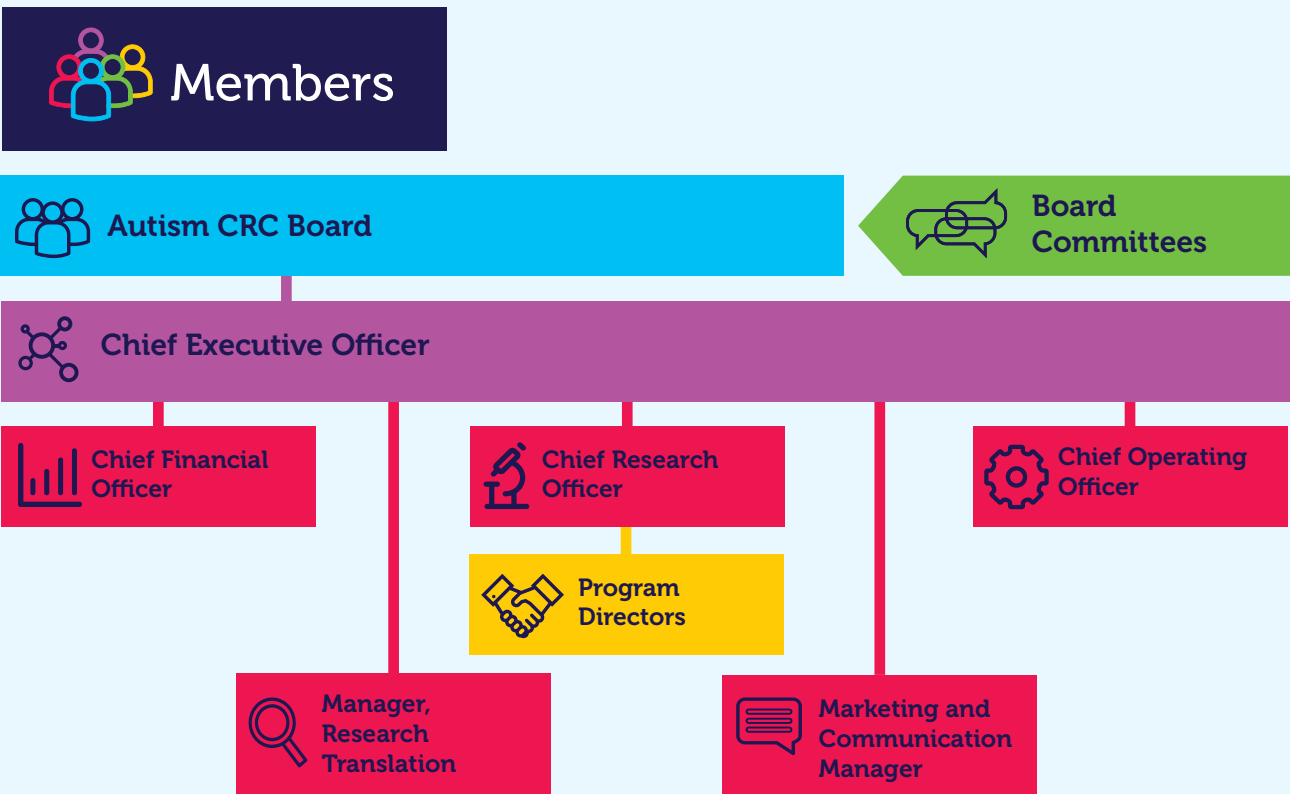
3.1 Structure

Autism CRC Ltd was established in March 2013 as a company limited by guarantee. The governance and management structure promote effective cooperation between Research and End-User Participants, ensuring translation-focused research and development.

Autism CRC ensures this by:

- Involving members of the autistic community throughout the research process
- Including significant industry and end-user representation on our Board and various committees, along with representatives of Research Participants
- Involving end-users directly in Autism CRC research and development, enhancing project design and the applicability and uptake of outcomes
- Engaging our three Program Directors heavily with end-users and in the management of Autism CRC activities.

Autism CRC Organisational chart





3.2 Autism CRC Board

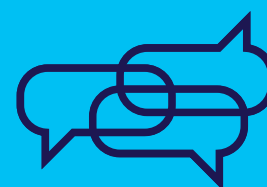
The Autism CRC Board is accountable to the Members of Autism CRC Ltd (the Company), Participants of the Cooperative Research Centre for Living with Autism and the Australian Government for the operations and affairs of Autism CRC. The Board is responsible for decisions relating to Autism CRC strategy, our investment of funds, our research program, the translation of our research outcomes, and our overall management.

The present Board consists of an Independent Chairperson, six Independent Directors, and three Nominee Directors. One of the Directors has an autism diagnosis and numerous Board members are parents of children on the autism spectrum. The Board met five times during the reporting period and members bring skills and experience across a range of disciplines of direct relevance to the goals and operations of Autism CRC Ltd, including:

- Service provision to the autism community
- Research management and disability research
- Intellectual property commercialisation
- Advocacy and policy development in the disability sector
- Governance and management of commercial ventures, CRCs and not-for-profits.

3.3 Autism CRC Management Team

Name	Role	Organisation
Andrew Davis	Chief Executive Officer	Autism CRC
Andrew Borneman	Chief Financial Officer and Company Secretary	Autism CRC
Wojciech Nadachowski	Chief Operating Officer	Autism CRC
Professor Andrew Whitehouse	Chief Research Officer	University of Western Australia
Professor Valsamma Eapen	Program 1 Director	University of New South Wales
Professor Suzanne Carrington	Program 2 Director	Queensland University of Technology
Professor Torbjörn Falkmer	Program 3 Director	Curtin University
Cally Jackson	Marketing and Communication Manager	Autism CRC
Cheryl Mangan	Manager, Research Translation	Autism CRC



1 Independent Chairperson

6 Independent Directors

3 Nominee Directors

Above: Autism CRC Board, CEO and CFO. More detailed information about each Board Member can be found on pages 52-55.

4 Report on Activities

4.1 Research and Development



Early Years

A better start through better diagnosis



School Years

Enhancing learning and teaching



Adulthood

Finding a place in society

Autism CRC is on target to meet our research outputs. To date, no major technical or scientific impediments have prevented progress towards these objectives.

Autism CRC continues to assess research progress and developments in science, education and industry, ensuring that our research investment takes account of such developments, incorporating changes to project design accordingly. We engage with the autistic and autism communities to ensure our resources focus on research that will have the greatest impact for the community. Each investment project has at least one End-User Participant working together with Research Participants.

Strategic, Innovation and Utilisation research project proposals are reviewed by the Research and Development Committee after independent scientific review. Proposals are also reviewed by autistic adults regarding their potential for transformational outcomes. Recommendations are then made to the Board for approval.

Project progress, including assessment of project milestone performance, schedule, expenditure and risks, is monitored via a number of mechanisms:

- Six-monthly project milestone and project cash reporting and quarterly in-kind reporting
- Research and Development Committee oversight of project investments and progress
- Research and Translation Executive review of progress and investment priorities and opportunities
- Regular research program reporting to the Autism CRC Board on research project execution status, progress and exceptions
- Regular meetings between: Chief Research Officer; Manager, Research Translation; and, Program Directors.



Professor Andrew Whitehouse
Chief Research Officer

BSc (Speech Pathology), PhD (Psychology)

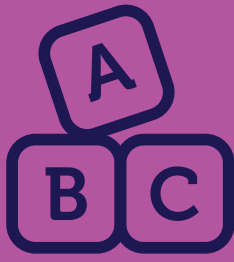
Autism CRC invests in four types of research projects:

Commissioned Projects are those commissioned by the Board of Autism CRC Ltd to meet specific Commonwealth milestones, where the investment is large and feedback from the Project team occurs at Board level, rather than through the Research and Development Committee.

Strategic Projects relate to specific Autism CRC Milestones and must involve at least two, preferably more, CRC Participants, including end-users.

Innovation Projects provide seed funding for innovation consistent with Autism CRC's overall objectives, with a maximum investment of \$50,000 and a term of one year. These projects seek creative and novel ideas that will assist in meeting CRC research objectives.

Utilisation Projects provide funding for translation and utilisation of existing Autism CRC research outputs for impact as either products and services that may be embedded into practice, or further disseminated to inform policy and practice.



Early Years



Program 1

A Better Start through Better Diagnosis

Program 1 focuses on improving the validity, precision, timeliness and reliability associated with the diagnosis of autism and targeted pathways to early intervention.

Program Goals

To use existing knowledge of the early behaviours associated with autism to:

- Facilitate the accurate diagnosis of 50 per cent of autistic children prior to their second birthday, and over 70 per cent by their third birthday by developing tools and improving training.

To integrate biological, behavioural and clinical research and observations to:

- Identify subtypes of autism
- Improve understanding of the most efficient interventions that match these subtype profiles.

Program 1, Early Years, has now invested in 17 projects, with six of these since completed. Two new projects were approved in the 2018-19 Investment Round:

- A multistate trial of an early surveillance program for autism within general practices within Australia. Working with a range of stakeholders, this project aims to embed autism surveillance within the existing health system to ensure early diagnosis and intervention opportunities for young children.
- Brain connectivity in autistic adults at clinical imaging strengths. Building on the previous Autism CRC project findings, this pilot study will test the reliability of a software analysis tool to enable better diagnosis of autism and to predict developing subtypes. This method could supplement existing diagnostic tools and assist in the development of targeted intervention options.

2018-19 Snapshot

- Australia's first National Guideline for the Assessment and Diagnosis of Autism was launched in October 2018 and all 70 practice recommendations were approved by the NHMRC.
- The Social, Attention and Communication Surveillance – Revised (SACS-R) tool and its training program has been utilised by over 1,000 community-based primary care professionals in Victoria, Tasmania, Queensland and NSW, with over 42,000 infants and toddlers monitored in the Victorian and Tasmanian Maternal and Child Health system alone.



Professor Valsamma Eapen
Program Director

MBBS (India), DPM (India), DFT (UK), PhD (UK),
FRCPsych (UK), FRANZCP (Aust)

- Biological sample collection for the Australian Autism Biobank now complete, with data collected from almost 3,000 participants. Over 4,500 samples are available for approved research purposes through an online process.
- The biological subtyping project has collected phenotypic data from 1,488 children. The ability to identify and validate accurate subtypes of autism will expedite decision-making around early intervention strategies to improve long-term outcomes for children on the autism spectrum.
- 47 students have completed or are currently enrolled in the Graduate Certificate for Autism Diagnosis.
- Program 1 currently has six PhD students, (including one recently completed and one submitted), one Masters and three Postdoctoral Fellows.

Program 1 Projects

To date, including the 2013-2019 Investment Rounds approved by the Board.

Project	Short Title	Year	Lead Participant Institution	Project Funds	In-Kind Value
Strategic:					
1.001RC*	Program 1 Base Resources #	2013	UWA / LTU / UNSW / MMRI	\$2,057,500	\$4,095,500
1.002RC	Creation of Autism Biobank	2013	UWA	\$1,139,527	\$2,195,257
1.004RC*	Graduate Certificate	2013	UWA	\$120,000	\$556,458
1.005RC	Developmental Surveillance SACS-R	2013	LTU	\$419,106	\$2,644,721
1.021RS*	Diagnostic Practices and Reliability in Australia	2014	UWA	\$47,889	\$490,600
1.022RS	Family Support Program	2014	LTU	\$54,141	\$172,935
1.023RS	Autism Subtyping	2014	UNSW	\$1,172,789	\$7,078,293
1.042RC	System Genomics	2015	UQ	\$1,706,736	\$3,009,145
1.043RS	Therapy for Infants Showing Early Signs of Autism	2015	LTU	\$125,000	\$2,522,554
1.059RS	Biobank Pilot Project	2018	UNSW	\$57,856	\$37,500
1.064RS	A Multistate Trial of an Early Surveillance Program for Autism within General Practices in Australia	2019	UNSW / LTU	\$880,000	\$4,092,000
Total Program 1 Strategic				\$7,780,543	\$26,894,961
Innovation:					
1.019RI*	ASD Post Mortem Brain	2014	UNSW	\$50,000	\$383,000
1.020RI*	BrainsTorm Study	2014	MMRI	\$40,150	\$174,000
1.033RI*	Brain Connectivity	2015	UQ	\$49,990	\$129,641
1.065RI	Brain Connectivity in Autistic Adults at Clinical Imaging Strengths	2019	UNSW	\$17,680	\$95,822
Total Program 1 Innovation				\$157,820	\$792,800
Utilisation:					
1.058RU	Diagnostic Inconsistencies in New Zealand	2018	Autism NZ	\$58,000	\$366,000
Total Program 1 Utilisation				\$58,000	\$366,000
Total Program 1 Projects				\$8,023,363	\$28,053,761

*Project Completed, # Base resources refers to postdoctoral fellows, research assistants in each of four sites who are working together on projects 1.002RC, 1.003RC, 1.005RC.

Output 1.1

A behavioural surveillance tool to enable correct diagnosis of at least 50 per cent of children with Autism Spectrum Disorder (ASD) before two years and at least 70 per cent by three years.

The Social, Attention and Communication Surveillance-Revised (SACS-R) tool is used by community-based, primary care professionals to identify children in need of further assessment for autism during their early years. The tool was developed by researchers at Olga Tennison Autism Research Centre (OTARC) at La Trobe University, and initially trialed with more than 22,000 children (between 2006 - 2008), and revised (SACS-R) to maximise early detection.

Since 2013, a partnership including the Autism CRC, has seen a further trial with 20,000 children monitored (in Victoria and Tasmania) with SACS-R. The successful outcomes in both studies led to the development of the accompanying app (ASDetect) for parents to monitor their children aged 11-30 months. The SACS and its training program has been utilised by over 1,000 community-based primary care professionals in Victoria, Tasmania, Queensland and New South Wales, with over 42,000 infants and toddlers monitored in the Victorian and Tasmanian Maternal and Child Health system alone, while ASDetect has been downloaded over 36,000 times since its launch in 2016.

Output 1.2

Integrated diagnostic protocol (IDPA) and ASD software analysis tool to enable better diagnosis of ASD and prediction of developing ASD.

Australia's first National Guideline for the Assessment and Diagnosis of Autism launched in October 2018. The Guideline aims to create greater consistency in diagnostic practices across the country, and across the health, education and disability systems, to ensure individuals on the autism spectrum and their families can receive optimal clinical care. The Guideline's 70 practice recommendations were approved by Australia's NHMRC. The Guideline has been downloaded 11,000 times since launch.

A survey assessing adherence to the National Guideline is underway by Telethon Kids Institute and the University of Western Australia. This will serve to identify the focus of future implementations strategies to facilitate increased adoption.

A new project is reviewing consistency of diagnostic practices and known standards in New Zealand. The ASD Diagnostic Inconsistencies in New Zealand project is a collaboration between Autism New Zealand and the original Australian National Guideline researchers, with key objectives of:

- determining diagnostic practices for autism in New Zealand, including disparities between individuals being assessed and variations across regions of New Zealand
- determining how individuals on the autism spectrum and their families experience the diagnostic process, including recommendations for further support made at the time of assessment
- laying the foundation for key policy reforms.



Above: Nanya and Freddy from Essential Participants AEIOU. Photograph courtesy of Andrew Denford, Photographer.

The project is on-track to meet the key objectives with workshops now complete and surveys ready to distribute.

After collecting both phenotypic data and biological samples from almost 3,000 donors across Australia, access to Australia's first autism biobank was launched in December 2018. Autism CRC will use biobank data in seeking predictive markers to aid early, accurate diagnosis. Prospective researchers can now apply to use the materials for approved research purposes through an online process. A number of applications have been received and are currently underway utilising the Australian Autism Biobank resource.

To determine whether a longitudinal follow-up of the Australian Autism Biobank is feasible, a pilot study was launched in 2018 to investigate participant return rates. Data on the feasibility of a longitudinal follow up will be useful for both the large-scale grant applications required for the continuation of the project outside Autism CRC funding and to attract industry investment. Follow-up clinical phenotypic data collection through face-to-face assessment along with blood/saliva samples have been taken from 63 biobank participants. Eye tracking data were also collected when children were able to complete these tasks. The pilot project will be completed later in 2019.

Output 1.3

Identification of biological subtypes of ASD.

The ability to identify and validate accurate subtypes of autism will expedite decision-making around early intervention strategies to improve long-term outcomes for children on the autism spectrum. Using the data from six Department of Social Services (DSS) funded Autism Specific Early Learning and Care Centre (ASELCC) programs, Autism CRC researchers are using behavioural, neurocognitive and genetic profiles to derive more homogeneous subtypes of autism. Data have been collected on



1,488 children receiving early intervention across the six states. Neurocognitive data have been collected from 65 children, with data analysis expected to be complete by 2020.

Output 1.4

Implementation of a Graduate Certificate for Autism Diagnosticians. Education of 12 PhDs, five postdoctoral fellows and generation of 72 scholarly publications.

The Graduate Certificate in Autism Diagnosis (GCAD) was developed at the University of Western Australia (UWA). Students complete two coursework units followed by a third unit that provides training in the Autism Diagnostic Observation Schedule (ADOS), and then a fourth practical placement unit. This year the eligibility criteria were expanded as a result of interest from various medical and allied health professionals.

This has resulted in the 2019 cohort comprising paediatricians, speech pathologists, psychologists and occupational therapists with a significant increase in the number of paediatricians enrolled in the course in 2019. Since 2015, 32 students have completed the course and 15 students are enrolled in the 2019 offering.

A suite of online training modules are currently under development and are part of the implementation plan for the National Guideline. These Continuing Professional Development (CPD) modules will create greater access to, and dissemination of, the GCAD.

The Early Years Program currently has six PhD students, one Masters, one recently conferred PhD and three postdoctoral fellows.

This program has published six journal articles and delivered 10 conference presentations and posters during the 2018-2019 reporting period.

Above: Kathryn Fordyce from Autism Specific Early Learning and Care Centre - St Giles, reporting on the organisation's experience of being an Autism CRC Participant.



School Years



Program 2

Enhancing Learning and Teaching

Research in Program 2 is enabling educators, therapists, carers, families, and the general community to effectively respond to the diverse learning needs of students on the autism spectrum.

Program Goals

Identifying appropriate educational environments, programs and support strategies will:

- Optimise students' social, behavioural and academic development
- Equip teachers to enhance performance and manage complex behaviours.

Program 2 researchers are developing and testing evidence-based teaching strategies, techniques, tools and programs in mainstream classrooms to optimise the learning and educational environments for students on the autism spectrum.

Program 2, School Years, has now invested in 24 projects, with 10 of these since completed. Three new projects were approved in the 2018-19 Investment Round:

- An Educator's Guide to MyWay Employability: Enabling Support with Transition-Planning for Students on the Spectrum. Extending the reach and uptake of the MyWay web application, this project will develop an educator-focused guide to using MyWay Employability in teaching practices as part of transition planning and the Australian Curriculum.
- Diverse Learners Hub – Stage 2. To extend the scope and reach of resources developed in Program 2 for diverse learners, this project supports the development of inclusionED for the dissemination of resources for educators.
- Collaborative Partnerships in Action – Proactively Enacting Educational Change. Developing a flexible web-based training platform for use by educators, parents and young people on the autism spectrum to address key challenges using resources from the inclusionED offering.

2018-19 Snapshot

- 36 primary schools, 10 secondary schools and a total of 350 school students participating in the Classrooms of Excellence Program.
- inclusionED community platform and professional development resource is progressing well.
- The Secret Agent Society Whole-of-Class (SAS-WOC) trial involving 24 teachers and 11 teacher aides, is now complete.



Professor Suzanne Carrington
Program Director

DipTeach, BEd, MEd, PhD

- Transition Models of Practice (MoP) trial is now complete and 26 instructive videos are in development, which will be incorporated into the inclusionED suite of resources.
- Resourceful Adolescent Program for Autism (RAP-A) trial is complete, with the School Connectedness website www.autismteenwellbeing.com.au ready for launch.
- Development of the Assistive Technology for Writing intervention app, co-designed with students and teachers, is complete and expected to launch in late 2019.
- Program 2 currently has six active PhD scholars, one active Honours and three Postdoctoral Fellows. Three other PhDs, 13 Masters and one Honours scholar have completed their studies.

Program 2 Projects

To date, including the 2013-2019 Investment Rounds approved by the Board.

Project	Short Title	Year	Lead Participant Institution	Project Funds	In-Kind Value
Strategic:					
2.006RC	Program 2 Base Resources #	2013	QUT	\$902,500	\$1,694,000
2.007RC*	Trajectory Study	2013	GU	\$1,049,040	\$5,182,411
2.008RC	Secret Agent Society Classroom	2013	UQ	\$149,924	\$1,378,143
2.009RC*	Educational Needs Analysis	2013	QUT	\$40,000	\$295,000
2.010RC*	Overcoming Difficulties in Written Expression	2013	AQ	\$176,684	\$1,485,866
2.011RC*	Helping Students Stay on Task and Move Between Tasks	2013	AQ	\$164,684	\$1,570,866
2.027RS	Early Years Behaviour Support	2014	QUT	\$522,758	\$2,396,941
2.028RS	Improving Classroom Acoustics	2014	AQ	\$273,000	\$1,319,900
2.029RS	School Connectedness	2014	QUT	\$504,384	\$2,077,500
2.037RS	Primary School Transition MoP	2015	Aspect	\$554,170	\$1,906,685
2.057RS	Middle Years Behaviour Support Program	2018	QUT	\$484,100	\$1,216,150
Total Program 2 Strategic				\$4,821,244	\$20,523,462
Innovation:					
2.024RI*	Emergent Literacy	2014	GU	\$49,746	\$108,282
2.025RI*	ASD, Anxiety and School Functioning	2014	UWA	\$49,920	\$293,685
2.026RI*	Robotics Social Clubs in Mainstream Schools	2014	BCE	\$48,880	\$350,000
2.034RI*	Shared Book Reading Intervention	2015	GU	\$49,900	\$194,160
2.035RI*	Literacy Predictors	2015	GU	\$50,000	\$117,300
2.036RI	How was your Day?	2015	UMelb	\$49,986	\$151,804
2.060RI	Evaluating the Effects of Humanoid Robots on Narrative Role-Taking Abilities of Children	2018	QUT/QDETE	\$50,000	\$231,900
Total Program 2 Innovation				\$348,432	\$1,447,131
Utilisation					
2.045RU	Living Portal	2016	QUT	\$60,000	\$451,500
2.052RU	Storytime	2017	GU	\$77,250	\$286,300
2.053RU	Assistive Writing Program	2017	AQ	\$52,420	\$98,000
2.063RU	Diverse Learners Hub: Education Knowledge Translation Project Stage 2	2019	QUT	\$50,340	\$259,268
2.066RU	Collaborative Partnerships in Action – Proactively Enacting Educational Change	2019	QUT	\$48,400	\$217,970
2.067RU	An Educator's Guide to MyWay Employability: Enabling Support with Transition-Planning for Students on the Spectrum	2019	QUT	\$57,100	\$212,123
Total Program 2 Utilisation				\$345,610	\$1,525,161
Total Program 2 Projects				\$5,515,286	\$23,495,754

*Project Completed, # Base resources refers to the School Coordinator who is working across all Program 2 projects.

Output and Utilisation 2.1

2.1 Evidence-based programs to optimise the learning environment ensuring successful social, behavioural and academic outcomes for students on the autism spectrum.

U2.1 Utilisation of SAS-WOC and training resources by educational and health professional end-users.

Consistent with the findings of the Educational Needs Analysis survey, research within Program 2 focuses on the development and evaluation of:

- Strategies to enhance students' capacity to process instructions, express knowledge (written expression), and engage in and transition between learning tasks
- Methods of transition between and within classrooms, and into and across the school
- Programs to facilitate students' transition between educational settings (primary to high school)
- Whole-of-class and whole-of-school social-emotional programs.

The Classrooms of Excellence Program (CoEP), involved 36 primary schools, 10 secondary schools and a total of 350 students (grades four, five and six).

Six secondary schools in QLD, two in NSW and two in Victoria were involved in the Transition Models of Practice (MoP) project, as well as 30 secondary school educators. With the trial and validation of the MoP complete the project team is now working to create 26 instructive videos based on the findings to be incorporated into the inclusionED website.

The Resourceful Adolescent Program (RAP) is an intervention designed for secondary school students, their parents and teachers, originally developed to build resilience, support school connectedness and promote positive mental health in teens without autism. Five secondary schools with approximately 80 staff in each school have participated in the training supporting adolescent resilience and wellbeing under the School Connectedness project. With the support of Positive Partnerships funding, this research has been translated into a web-based resource for educators and parents www.autismteenwellbeing.com.au which is ready to be launched.

The Assistive Technology for Writing intervention has been co-designed with educators and students on the spectrum, and trialed in mainstream classrooms. The app is scheduled to be launched on the app store in late 2019.

In the reporting period five schools across three states in Australia conducted commercial utility trials of SAS-WOC Curriculum through Autism CRC subsidiary, Social Skills Training Pty Ltd (SST).

Support under the Positive Partnerships Collaborative Agreement has seen outputs from the Transition Models of Practice; Transition Between Tasks and Staying on Task; and SAS-WOC projects extended for delivery to schools in ATSI, CALD, rural and remote communities.

Evaluating the Effects of Humanoid Robots on the Story Telling Skills of Children began in 2019 to identify and evaluate

effective strategies that strengthen story retelling for children on the autism spectrum when humanoid robots are used. The team is awaiting final ethics review and plans to collect data in Term 4 of 2019.

Output 2.2

Evidence-based tools and protocols for supporting students on the autism spectrum with high impact social, emotional and behavioural needs.

Research and development under this output is being conducted via the following projects: Early Years Behavioural Support Project (EYBSP), School Connectedness Project, Autism Anxiety and School Functioning, SAS-WOC, Classroom Acoustics, Transitioning Between Tasks, Emergent Literacy, Literacy Predictors, Shared Book Reading Interventions and Transition MoP.

The Middle Years Behaviour Support Project (MYBSP) has commenced and will include a multidisciplinary team of therapists, teachers and teleconsulting specialists and focus on rural and remote communities. Ethics has now been approved to conduct this research in most states and recruitment for Cycle 1 surveys will begin in July and Cycle 2 will start in one school in NSW in August. The School Connectedness program has now been trialed with 32 students across five schools with six different cohorts of students, including three regional schools. Analysis of parent data has been completed and is ongoing for the first six cohorts of students. Analysis of data across all foci of the project is now underway in preparation for finalising results.

The EYBSP focuses on the development of innovative assessment tools, support protocols and technologies to enable social-emotional wellbeing, academic progress, and behavioural regulation – through the development of Tele-Classroom Consultation (TCC) approaches – for regional teachers and students on the spectrum. Data collection is now complete and the model is now being further developed and implemented in the MYBSP, which will continue until 2021.

Output 2.3

Three training packages to increase skilled, confident teachers and support personnel capable of educating a spectrum of autistic students. An online portal associated with the Autism Connect Hub will be a repository for training materials and resources developed from Program 2 research for a wide range of end-users.

As part of Autism CRC's commitment to transferring our research outcomes as quickly and as effectively as possible to educators, development is well underway for inclusionED. Co-designed with educators, parents and students on the spectrum and aligned to the Australian Professional Standards for Teachers, inclusionED is a national community platform and professional development resource for the support of diverse learners in mainstream classrooms, including students on the spectrum. inclusionED is being developed with input and critical feedback from an advisory group of 120 educators around Australia and is scheduled to launch in early 2020.



This is in addition to the dissemination of resources recorded in previous years:

- Autism CRC website (Structured Teaching resources accessed 4,200+ times)
- 400 digital resources sent to 300 schools and partners
- Over 100 presentations and workshops relating to our resources and knowledge outputs.

Output 2.4

Validation of ASD subtypes (Output 1.3) and their predictive value for long-term outcomes for children with ASD through a longitudinal study.

Through the Longitudinal Study of Australian Students with Autism (LASA), the experiences and outcomes of two cohorts, each of 125 students (four to five years and nine to 10 years), are being followed up annually for six years. Data are being collected from parents, teachers, school principals and child participants. Demographic, behavioural and developmental assessment data from parents and teachers are collected annually via an online questionnaire. The study is now in its fifth year and 147 schools are involved. 46 parents have completed the 2019 parent questionnaire and 87 child participants have completed the 2018-2019 questionnaire to date. In the coming year, 131 teachers have agreed to complete the online teacher questionnaire. Publications generated by the project continue to grow with 13 papers published in peer-reviewed journals to date, and three under review. One PhD scholar has graduated and one commenced in Feb 2019.

Output 2.5

This output will train 18 PhD students, employ six postdoctoral fellows and generate 60 scholarly publications.

In addition to employing three Postdoctoral Fellows, a total of 24 scholars have been involved in Program 2 to date including:

- 9 PhDs (6 active, 3 conferred)
- 13 Masters (13 conferred)
- 2 Honours (1 active, 1 conferred)

Program 2 has published 10 journal articles and delivered 28 conference presentations and posters during 2018-2019 reporting period.



Adulthood



Program 3

Finding a Place in Society

Research Program 3 focuses on the transition from school to further education, employment and health and wellbeing in adult life, with the ultimate goal of assisting people on the autism spectrum to find a valued place in society.

Program Goals

- To directly facilitate paths towards fulfilling lives for people on the autism spectrum after school.
- To inform government policy regarding employment, education, and health.
- To gather information on profiles of Australian adolescents and adults on the autism spectrum through two longitudinal studies.
- To support employment opportunities for adults on the autism spectrum.

Program 3, Adulthood, has now invested in 21 projects, with five of these since completed. One new project was approved in the 2018-19 Investment Round:

- Development of an Autism Specific Quality of Life Assessment Tool for use with Autistic Adults. Helping other autistic adults, researchers, and health practitioners to understand the meanings ascribed to defining positive and negative quality of life outcomes.

2018-19 Snapshot

- A further 22 publications have been accepted by peer-reviewed journals with a further 13 in current development as a result of research from the Australian Longitudinal Study of Adults with Autism (ALSAA) and Longitudinal Study of School Leavers (SASLA).
- The SASLA team prepared a submission to the Royal Commission into Victoria's Mental Health System. This is the first step toward influencing and informing practice and policy to benefit the autistic and autism communities.
- Pilot trials, combining the Peer Mentoring program and the MindChip social skills program, are now complete.
- The Driving Project has seen the development of an autism-specific driving instructor web-based resource trialled by 72 learner drivers on the autism spectrum across two sites.
- The Autism Comprehensive Health Assessment Protocol (CHAP) and ACT On Your Life anxiety program are ongoing.



Professor Torbjorn Falkmer
Program Director

BSc (Occupational Therapy), MSc(Teaching), PhD (Medicine)

- The HealthPathways Autism Initiative will launch in August 2019, allowing GPs and health professionals to access up-to-date information to support autistic patients.
- With the support of \$450,000 from Telstra Foundation, BOOST-A is being further developed into MyWay Employability, a holistic service to support young people plan and prepare for life beyond high school.
- The Integrated Employment Success Tool (IEST) is being further developed and evaluated.
- Program 3 has 13 active PhD scholars. Five PhD and 11 Honours scholars have completed their studies.

Program 3 Projects

To date, including the 2013-2019 Investment Rounds approved by the Board.

Project	Short Title	Year	Lead Participant Institution	Project Funds	In-Kind Value
Strategic:					
3.012RC	Program 3 Base Resources #	2013	Curtin / LTU / UQ / UNSW	\$3,520,000	\$4,453,012
3.013RC	Longitudinal Study of Adults with ASD (AALSA)	2013	UNSW	\$370,324	\$1,835,676
3.014RC	EVAP and IEST	2013	Curtin	\$254,765	\$3,807,035
3.015RC	Health and Wellbeing for Adults	2013	UQ	\$292,096	\$1,801,051
3.016RC	Unique ASD Profile School Leavers	2013	LTU	\$325,836	\$2,358,764
3.017RC*	Optimisation of Recruitment	2013	Aspect	\$97,023	\$332,305
3.032RS	Enhancing Social Relationships of Young Adults	2014	Curtin	\$416,000	\$2,146,104
3.040RS	Driving Project	2015	Curtin	\$568,891	\$3,298,879
3.041RS	Public Transportation Mobility	2015	Curtin	\$329,546	\$1,436,599
Total Program 3 Strategic				\$6,174,481	\$21,469,425
Innovation:					
3.030RI*	Studio G: Multimedia Program for Young Adults	2014	AQ	\$50,000	\$153,800
3.031RI*	Career Pathway Recommender System	2014	Curtin	\$48,000	\$149,212
3.038RI*	Big Data, Important Questions, Health & Wellbeing	2015	UNSW	\$50,000	\$179,481
3.039RI*	Supporting Staff and Students with HFA in STEM Programs	2015	QUT	\$50,000	\$210,239
3.046RI	Health Pathways Autism Initiative	2016	UQ	\$50,000	\$215,640
3.047RI	Goal-setting tool for adolescents and adults	2016	AQ	\$49,885	\$315,332
3.054RI	Autism@Work	2017	UQ	\$100,000	\$279,533
3.062RI	'Hear' to help	2018	Curtin	\$63,000	\$394,120
3.068RI	Development of an Autism Specific Quality of Life Assessment for Use with Autistic Adults	2019	UNSW	\$50,000	\$204,050
Total Program 3 Innovation				\$510,885	\$2,101,407
Utilisation					
3.048RU	BOOST-A From Research to Practice	2016	Curtin	\$51,500	\$131,160
3.049RU	Utilising Autism CRC Health Hub tools and resources	2016	UQ	\$50,000	\$96,780
3.061RU	Development of an Assessment of Functioning Tool Based on ICF Core Sets	2018	Curtin	\$50,000	\$390,000
Total Program 3 Utilisation				\$151,500	\$617,940
Total Program 3 Projects				\$6,836,866	\$24,188,772

*Project completed, # Base resources refers to postdoctoral fellows in each of four sites who are working together on projects 3.013, 3.014, 3.015, 3.016RC + Education and Vocational Assessment Protocol (EVAP) and Integrated Employment Success Tool.

Output and Utilisation 3.1

Output 3.1

3.1 Comprehensive and unique profile of Australian autistic adults, through two longitudinal studies, to provide them with the capacity to find a meaningful place in society.

U3.1 Utilisation of resources from Autism Connect Hub (now titled Knowledge Centre)

ALSAA and SASLA aim to better understand post-school outcomes, quality of life, mental and physical health, employment, social inclusion, ageing and overall wellbeing of adolescents and adults on the autism spectrum.

The SASLA team produced a baseline data snapshot during the reporting period. The snapshot has been shared publicly and has far exceeded the milestone of 200 downloads. To date the snapshot has been accessed over 300 times from the website and a Facebook post in March 2019 reached an audience of 7,949 individuals.

In addition to the resources created from each project, a further 22 publications have been accepted to peer-reviewed journals with a further 13 in development. The SASLA team also prepared a submission to the Royal Commission into Victoria's Mental Health System. These are the first step to influencing and informing practice and policy to benefit the autistic and autism communities.

The teams are currently working on collecting the 24-month follow-up data, and a governance plan is in place for the data.

Output and Utilisation 3.2

3.2 Conducting empirically-based interventions for autistic adults to assist them to confidently engage in social relationships, tertiary education, employment, and community activities.

U3.2 Utilisation of tools and resources by end-users.

Enhancing social relationships of autistic adults is supported through a unique package of projects. The Mindchip project has completed a case control study (30 non-autistic and 28 autistic adults), comparing the emotion recognition abilities of non-autistic and autistic adults using eye tracking and electroencephalogram (EEG). Eye tracking data processing is underway. A pilot study has evaluated the MindChip and Mind Reading program for autistic adults (25 autistic adults received the program and provided feedback). Data analysis is complete. Discussions are underway regarding the development of online resources and the possibility of expanding the program to other institutions.

A Peer Mentoring program for autistic students commenced in 2014 and supports inclusion, social relationships and successful participation at university.

The Public Transport Project and the Driving Project aim to help autistic adolescents and adults to navigate the community using a variety of transport. The Driving Project included preparatory studies carried out using several methods, such as Super GPS technique to study lane position and eye tracking technology. The autism-specific driving instructor manual has been validated

in a randomised controlled trial across two sites with 72 learner-drivers on the autism spectrum across two sites.

The Public Transport Project has seen the rapid and successful development of a beta version of the OrientTrip iOS app trialed, with user data being collected in WA and NSW. The app is evidence-based and provides intuitive trip-planning that delivers real-time assistance to reduce anxiety and help manage disruptions to a planned journey.

Output and Utilisation 3.3

3.3 Tools, strategies and techniques developed to improve health and wellbeing for autistic adults.

U3.3 Use of longitudinal data (from Output 3.1)

There are a number of projects that contribute to this output, for example the Autism CHAP and the ACT On Your Life anxiety program. Both projects are continuing.

The HealthPathways Autism Initiative is establishing a platform for health professionals to access up-to-date and evidence-based information to aid clinical decision-making around the health and wellbeing of people on the autism spectrum. This ensures patients receive high quality and consistent care, ultimately improving their health and wellbeing outcomes. This project is nearing completion with the initiative being launched in August 2019. Health service providers have been engaged to evaluate the tools, and support the recruitment of GPs.

An additional project will ensure that the delivery of tools, strategies and techniques developed to improve health and wellbeing are accessible to adults on the spectrum with intellectual disability and their caregivers.

Output 3.4

Developing tools to assist autistic adolescent/adult and their advisors in making informed choices regarding higher education and employment and ultimately creating more opportunities for people with autism to gain successful long-term employment.

BOOST-A is an online transition planning program to support autistic adolescents to prepare for leaving school. As part of a utilisation project, a training package for professionals and parents to use BOOST-A with their young people on the autism spectrum has been developed. This training program has now been delivered to over 100 young people, parents and professionals including educators. Multiple workshops were carried out across Australia to further promote use of the BOOST-A in practice. With the support of Telstra Foundation BOOST-A is being further developed into MyWay Employability, a holistic service offering to support young people on the autism spectrum to plan and prepare for life beyond high school.

IEST is designed to help employers determine and implement effective workplace accommodation adaptations best suited to the needs of autistic employees. To enable effective utilisation and dissemination of the tool, the IEST is in the process of



being updated to a more engaging format to promote greater utilisation and engagement from employers. IEST is currently being utilised within the framework of the Autism Academy for Software Quality Assurance (AASQA), an initiative supported across Programs 2 and 3 within the Autism CRC. The utilisation is based on early outreach to young students through coding clubs and robotic programs, to the students' teachers through training programs (inclusive also of autistic students with learning difficulties) and outreach to industry through development and scaling the product.

Output 3.5

Development of the web portal 'Connect Hub'.

Two separate entities have been established and are in use. Connect Hub is an authenticated collaboration space for autism researchers and industry/end users. It consists of open thematic groups and closed project groups for collaboration; progress reporting by project leaders; a swathe of resources and wiki styled help articles; and a facility for project teams to upload key dissemination activity.

The Knowledge Centre, which is hosted on the corporate website, currently contains over 200 items and continues to grow. This resource enables the public to find evidence-based resources, publications and reports that have been uploaded by project teams.

Output 3.6

This output will train 12 PhD students, employ six postdoctoral fellows and generate 60 scholarly and additional lay publications.

In addition to employing six Postdoctoral Fellows, a total of 29 scholars have been involved in Program 3 to date including:

- 18 PhDs (13 active, 5 conferred)
- 11 Honours (11 conferred)

At June 2019, Autism CRC's Adulthood Program has 90 published journal articles, including 18 published during the reporting period. In addition, there were 29 conference presentations and posters in this financial year.

4.2 Research Collaboration

Autism CRC has ensured that collaboration between Research Participants and End-User Participants is a fundamental element of our work. The Autism CRC Board requires that each project funded involves at least one End-User/Industry Participant, the only exception being base resources (personnel only) funding projects.

To highlight those organisations who are committed to sustainable research co-production, we established the Autism CRC Research Co-production Partner Initiative in 2018. In March 2019, we were pleased to announce our first official Autism CRC Research Co-production Partners; Aspect; Macquarie University; Curtin University; and, University of Southern Queensland.

The Co-Production Partner Initiative builds on previous work undertaken by Autism CRC to promote and facilitate co-production practices, including the development of Inclusive Research Practice Guides and the establishment of the Sylvia Rodger Academy.

The following table provides a breakdown of collaborations between Research Participants and End User/Industry Participants on all Autism CRC projects between 2013-2019 (including completed projects). This includes collaborations between Project Parties, Memorandum of Understanding Parties and Third Parties.

Investment Rounds 2013-2019

Project Numbers	Project Name	Research Participants	End-User/ Industry Participant	Total
1.001RC	Program 1 Base Resources	4	1	5
1.002RC	Creation of Autism Biobank	5	9	14
1.003RC	Genetic Screening of Autism (Phase 1)	3	3	6
1.004RC	Graduate Certificate	3	6	9
1.005RC	Developmental Surveillance SACS-R	4	3	7
1.019RI	Post Mortem Brain	2	0	2
1.020RI	BrainsTorm Study	2	0	2
1.021RS	Diagnostic Practices and Reliability in Australia	2	6	8
1.022RS	Family Support Program	3	5	8
1.023RS	Autism Subtyping	6	10	16
1.033RI	Brain Connectivity	2	2	4
1.042RC	System Genomics	1	0	1
1.043RS	Therapy for Infants Showing Early Signs of Autism	4	1	5
1.058RU	Diagnostic Inconsistencies in New Zealand	5	2	7
1.059RS	Biobank Pilot Project	1	0	1
1.064RS	A Multistate Trial of an Early Surveillance Program for Autism Within General Practices in Australia	6	3	9
1.065RI	Brain Connectivity in Autistic Adults at Clinical Imaging Strengths	1	0	1
2.006RC	Program 2 Base Resources	1	N/A	1
2.007RC	Trajectory Study	5	6	11
2.008RC	Secret Agent Society Classroom	2	14	16
2.008RC_PP	Secret Agent Society - Whole of Classroom – Positive Partnerships	2	7	9
2.009RC	Educational Needs Analysis	4	11	15
2.010RC	Overcoming Difficulties in Written Expression	2	5	7
2.011RC	Helping Students Stay on Task and Move Between Tasks	3	5	8
2.011RC_PP	Helping Students Stay on Task and Move Between Tasks – Positive Partnerships	0	2	2
2.024RI	Emergent Literacy	1	3	4
2.025RI	Anxiety and School Functioning	2	1	3
2.026RI	Robotics Social Clubs in Mainstream Schools	1	1	2
2.027RS	Early Years Behaviour Support	3	8	11
2.027RS_PP	Early Years Behaviour Support – Positive Partnerships	1	3	4
2.028RS	Improving Classroom Acoustics	1	5	6

Project Numbers	Project Name	Research Participants	End-User/ Industry Participant	Total
2.029RS	School Participants	2	12	14
2.029RS_PP	School Connectedness – Positive Partnership	1	2	3
2.034RI	Shared Book Reading Intervention	1	1	2
2.035RI	Literacy Predictors	1	1	2
2.036RI	How was your Day?	4	1	5
2.037RS	Primary School Transition MoP	2	13	15
2.037RS_PP	Primary School Transition MoP – Positive Partnerships	2	13	15
2.045RU	Living Portal	2	6	8
2.051RS_PP	ATSI Community Liaison	1	0	1
2.052RU	Storytime	1	2	3
2.053RU	Assistive Writing Program	1	1	2
2.057RS	Middle Years Behaviour Support	1	3	4
2.060RI	Evaluating the Effects of Humanoid Robots on the Narrative Role-Taking Abilities of Children	2	1	3
2.063RU	Diverse Learners Hub: Education Knowledge Translation Project Stage 2	2	2	4
2.066RU	Collaborative Partnerships in Action – Proactively Enacting Educational Change Loading	2	2	4
2.067RU	An Educator's Guide to MyWay Employability: Enabling Support with Transition-Planning for Students on the Spectrum	3	3	6
3.012RC	Program 3 Base Resources	4	N/A	1
3.013RC	Longitudinal Study of Adults (AALSA)	4	9	13
3.014RC	EVAP and IEST	6	8	14
3.015RC	Health and Wellbeing for Adults	4	8	12
3.016RC	Unique Profile of School Leavers	5	10	15
3.017RC	Optimisation of Recruitment	3	2	5
3.030RI	Studio G: Multimedia Program for Young Adults	1	2	3
3.031RI	Career Pathway Recommender System	1	1	2
3.032RS	Enhancing Social Relationships of Young Adults	2	1	3
3.038RI	Big Data, Important Questions, Health and Wellbeing	2	0	2
3.039RI	Supporting Staff and Students in STEM Programs	3	3	6
3.040RS	Driving Project	1	10	11
3.041RS	Public Transportation Mobility	2	4	6
3.046RI	Health Pathways Initiative	2	1	3
3.047RI	Goal-setting Tool for Adolescents and Adults	1	2	3
3.048RU	BOOST-A from Research to Practice	1	5	6
3.049RU	Utilising Autism CRC Health Hub tools and resources	2	3	5
3.054RI	Autism@Work	4	2	6
3.061RU	Development of an Assessment of Functioning Tool Based on ICF Core Sets	3	7	10
3.062RI	'Hear' to Help: Striving for Greater Participation and Wellbeing Through Tailored Chat-bot Technology	2	2	4
3.068RI	Development of an Autism Specific Quality of Life Assessment for Use with Autistic Adults	6	2	8



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Scholars
(Active or Completed)

4.3 Education and training

During the reporting period, six PhD scholars, five Masters by Research and six Honours students completed their studies bringing our total number of completed students to 34. Six more commenced studies bringing our total number of scholars to 67 (27 active, 34 completed, six withdrawn).

Of our 61 active or completed scholars:

- Eight are in the Early Years Program
- 24 in the School Years Program
- 29 in the Adulthood Program

The career pathways of our PhD graduates include:

- Melissa Black (Curtin University), postdoctoral researcher Curtin University
- Jac den Houting (Griffith University), postdoctoral researcher Macquarie University
- Ye In (Jane) Hwang and Lidan Zheng (UNSW), post doctoral researchers, (UNSW)
- Ru Ying Cai (La Trobe University) post doctoral researcher LTU

Autism CRC's fifth Scholars' Day was held in December 2018 in conjunction with ASfAR at Griffith University. The program focused on the topic 'Getting the most out of your PhD' and featured a 'Profile or Perish' presentation from Prof Andrew Whitehouse. This was followed by a workshop on brand identity, media and communications. The program also included a '30 second elevator pitch' workshop to enable scholars to succinctly market themselves to potential employers and the community more broadly.

As part of our Lab to Life program, the event also included a masterclass from Prof Liz Pellicano and Dr Wenn Lawson on co-production.

Scholars Day was followed by the ASfAR Conference, which featured a range of Autism CRC research. Autism CRC PhD Scholars were awarded two of the three student prizes at the conference: Lacey Chetcuti (Best Student Poster) and Yunhe Huang (Best Student Rapid Presentation).

Many Autism CRC PhD Students and Early Career Researchers showcased the impactful outcomes of their research at international conferences such as INSAR and APAC. A co-funding model supported by our partners Telethon Kids and Macquarie University, and some self-funding by the recipients, enabled Gail Alvares, Stacey Rabba and Jac den Houting to attend INSAR and Jac den Houting to attend APAC. Jac was also awarded a scholarship to the value of US\$1,000 for accommodation costs to attend INSAR.

To date, 32 professionals have completed the Graduate Certificate in Autism Diagnosis (GCAD) through the University of Western Australia. A further 15 students are enrolled in the 2019 offering of the program.

Autism CRC Higher Degree Research Students

Start Date	Name	Degree		Project Code	Research Project	Term
Program 1: The Early Years						
Feb-14	Stacey Rabba	PhD	LTU	1.005RS	Developmental Surveillance for ASD (SACS-R)	4.5 years
Mar-15	Lidan Zheng	PhD	UNSW	1.023RS	ASD Subtype Project	3 years
May-15	Amanda Mazzoni	PhD	UNSW	1.023RS	ASD Subtype Project	(conferred)
Feb-16	Maryam Boutrus	PhD	UWA	1.043RS	Therapy for Infants Showing Early Signs of Autism	3 years (submitted)
Jun-16	Lacey Chetcuti	PhD	LTU	1.043RS	Therapy for Infants Showing Early Signs of Autism	3.5 years
Feb-17	Ali Morse	PhD	UTAS	1.005RS	Developmental Surveillance for ASD (SACS-R)	4 years
Jan-18	Chloe Yap^	MA	UQ	1.042RC	Genomics	3 years
Apr-18	Ashley Thomson	PhD	UNSW	1.023RS	ASD Subtype Project	2 years Withdrawn February 2019
Aug-18	Alicia Montgomery	PhD	UNSW	1.059RS	Biobank Pilot Project	3 years
Program 2: School Years						
Jan-17	Kathryn Farr	MA	UQ	2.008RC	Secret Agent Society	1 year (complete)
Mar-17	Rachelle Wicks	Hons	GU	2.007RC	Trajectory Study	1 year (complete)
Mar-15	Danica Warner	MA	QUT	2.009/2.029	School Connectedness	18 months (complete)
Jul-15	Rebecca Poulsen	MA	GU	2.007RC	Trajectory Study	18 months (complete)
Feb-16	Susanne Taylor	MA	GU	2.007RC	Trajectory Study	2 years (complete)
Mar-16	Loretta Crawley	MA	GU	2.007RC	Trajectory Study	18 months (complete)
Oct-16	Sally Ryan	MA	GU	2.007RC	Trajectory Study	2 years (complete)
Jan-17	Kathryn Ambrose	MA	GU	2.007RC	Trajectory Study	2 years (complete)
Jan-17	Leanne Barker	MA	GU	2.007RC	Trajectory Study	Withdrawn 2017
Mar-17	Donna-Marie Thompson	MA	GU	2.008RC	Secret Agent Society Whole of Class	2 years (complete)
Mar-17	Kate McLisky	MA	QUT	2.029RS	School Connectedness	6 months (complete)
Mar-17	Monica Sweeney	MA	UQ	2.008RC	Secret Agent Society Whole of Class	2 years (complete)
Aug-17	Melissa Hooper	MA	QUT	2.029RC	School Connectedness	2 years (complete)
Aug-17	Natasha Bobir	MA	QUT	2.029RC	School Connectedness	2 years completed
Jan-18	Madeleine Stainsby	MA	GU	2.007RC	Trajectory Study	1 year (complete)
Jul-14	Elizabeth MacDonald	PhD	GU	2.011RC	Helping Students Stay On-task and Move Between Tasks	3 years (conferred)
Sep-14	Anne Ozdowska	PhD	QUT	2.010RC	Overcoming Difficulties in Written Expression	4 years (conferred)
Jan-15	Kirsten Ody	PhD	GU	2.007RC	Trajectory Study	Withdrawn May 2016
Feb-15	Jac den Houting	PhD	GU	2.007RC	Trajectory Study	3 years (conferred)

Start Date	Name	Degree	University	Project Code	Research Project	Term
Jan-16	Ruby Clarke	PhD	UQ	2.008RC	Secret Agent Society	Withdrawn June 2017
Feb-16	Annalise Eyre Taylor	PhD	GU	2.035RS	Models of Practice	3.5 years
Feb-16	Christopher Edwards	PhD	QUT	2.027RS	Early Years Behaviour Support Project (EYBSP)	3 years
Jul-16	Yolanda van der Kruk	PhD	UQ	2.028RS	Classroom Acoustics	3 years
Feb-17	Cara Wilson	PhD	QUT	2.027RS	Early Years Behaviour Support Project (EYBSP)	3 years
Feb-17	Sarah Hazell	PhD	GU	2.007RC	Trajectory Study	4 years
Apr-17	Rachael Clack	PhD	GU	2.007RC	Trajectory Study	Withdrawn September 2018
Feb-19	Vedanta Suvama	Hons	GU	2.007RC	Trajectory Study	1 year
Feb-19	Kathryn Ambrose	PhD	GU	2.007RC	Trajectory Study	3 years
Program 3: Adulthood						
Mar-16	Jessica Dreaver	Hons	CU	3.014RS	Finding a Place in the Workplace and in the Community	2 years (complete)
Mar-16	Taylor Stacey	Hons	UNSW	3.013RC	Australian Longitudinal Study of Adults with Autism	1 year (complete)
Mar-17	Rachel Quinter	Hons	CU	3.032RS	Enhancing the Social Relationships of Young Adults	1 year (complete)
Mar-17	Matthew DeBroize	Hons	UQ	3.015RC	Health and Wellbeing for Adults	1 year (complete)
Mar-17	Premkumar Brahmabhatt	Hons	UQ	3.015RC	Health and Wellbeing for Adults	1 year (complete)
Jun-17	Madeleine Harsanyi	Hons	ACU	3.013RC	Australian Longitudinal Study of Adults with Autism	18 months (complete)
Mar-17	Priscilla Vindin	PhD	CU	3.040RS	Community Mobility in Autism Spectrum Disorder	Upgraded from MA to PhD
Jun-13	Craig Thompson	PhD	CU	3.032RS	Enhancing the Social Relationships of Young Adults	6.5 years (part time) expected completion Nov 2019
Dec-13	Megan Hatfield	PhD	CU	3.014RC	Finding a Place in the Workplace and in the Community	3-5 years (conferred)
May-14	Melissa Scott	PhD	CU	3.014RC	Finding a Place in the Workplace and in the Community	3 years (conferred)
Jul-14	Cindy Nicollet	PhD	UQ	3.015RC	Health and Wellbeing for Adults	3-5 years
Jul-14	Ru Ying Cai	PhD	LTU	3.016RC	Unique ASD Profile School Leavers	3 years (conferred)
Feb-15	Julia Tang	PhD	CU	3.032RS	Enhancing the Social Relationships of Young Adults	4 years expected completion Feb 2020
Feb-15	Melissa Black	PhD	CU	3.032RS	Enhancing the Social Relationships of Young Adults	3 years (conferred)
Mar-15	Ye In (Jane) Hwang	PhD	UNSW	3.013RC	Australian Longitudinal Study of Adults with Autism	3 years (conferred)
May-16	Asmeneh (Rosa) Ferdosian	PhD	CU	3.040RS	Community Mobility in Autism Spectrum Disorder	Withdrawn Oct 2016
Jun-16	Mortaza Rezae	PhD	CU	3.041RS	Enhancing Capacity to Use Public Transport	3.5 years expected completion 30/9/19)

Start Date	Name	Degree	University	Project Code	Research Project	Term
Feb-17	Dawn Ee	Hons	UNSW	3.013RC	Australian Longitudinal Study of Adults with Autism	1 year (complete)
Jun-17	Michelle Kersten	PhD	CU	3.040RS	Community Mobility in Autism Spectrum Disorder	3 years (expected completion March 2020)
Jun-17	Mariessa Sonido	Hons	UNSW	3.013RC	Australian Longitudinal Study of Adults with Autism	18 months completed
Jan-18	Rhonda Chapman	PhD	CU	3.014RS	Finding a Place in the Workplace and in the Community	3 years
Feb-18	Lisa Kang	Hons	UQ	3.015RC	Health and Wellbeing for Adults	1 year complete
Mar-18	Sanya Jovevska	Hons	LTU	3.016RC	Unique ASD Profile School Leavers	1 year complete
Mar-18	Ensu Sahin	Hons	LTU	3.016RC	Unique ASD Profile School Leavers	1 year (complete)
Feb-18	Jia White	PhD	CU	3.014RC	Finding a Place in the Workplace and in the Community	3 years
Mar-18	Maya Hayden Evans [^]	PhD	CU	3.061RU	Development of an assessment for functioning tool based on the ICF Core sets for ASD	3 years
Mar-18	Emily D'Arcy	PhD	CU	3.061RU	Development of an assessment for functioning tool based on the ICF Core sets for ASD	3 years
Apr-18	Pia Bradshaw	PhD	UQ	3.015RC	Health and Wellbeing for Adults	3 years
Apr-18	Melanie Muniandy	PhD	LTU	3.016RC	Unique ASD Profile School Leavers	3 years
May-18	Yunhe Huang	PhD	UNSW	3.013RC	Australian Longitudinal Study of Adults with Autism	3 years

[^]Student not previously reported, commenced prior to July 2018



Above: Autistic employees panel at the 2018 Autism@Work Summit.

4.4 Engagement

Small and Medium-sized Enterprise Engagement

Small and Medium-sized Enterprise (SME) engagement is fundamental to all of Autism CRC's work. Many of our End-User Participants are SMEs.

Autism CRC engages with SMEs throughout Australia and internationally. Autism CRC's Board continues to focus on increasing engagement with SMEs and other industry partners. Most SMEs engaged with Autism CRC are service providers or businesses supplying equipment or technology to individuals and families, schools, or service providers.

The SMEs within Autism CRC include:

- Autistic advocacy and service organisations, such as Autistic Self Advocacy Network of Australia and New Zealand (ASAN AUNZ), Asperger Services Australia and The I CAN Network
- Autism service providers and peak bodies such as AEIOU, Autism Queensland, Amaze, Autism South Australia, Autism Awareness, Autism West and Autism Tasmania
- Companies such as Renae Beaumont Enterprises, Social Skills Training Pty Ltd, and Assistiveware
- Autism Specific Early Learning and Care Centres (ASELCCs) across Australia
- Professional groups (National Rural Health Alliance, Australian College of Rural and Remote Medicine)
- Private autism clinics, which are small enterprises (Minds and Hearts; The Asperger's Syndrome Clinic)

Other Industry Engagement

Autism CRC continues to seek and build partnerships with industry, and engages with business in a variety of ways.

Autism CRC has been invited for a second year to participate in the Technology and Wellbeing Roundtable alongside Google, Twitter and Telstra as well as a number of youth mental health service providers and researchers. Primarily an information sharing and networking group, the Technology and Wellbeing Roundtable meets every quarter and provides opportunity to learn from technology industry leaders, showcase Autism CRC's work and initiate new collaborations.

This year we were also invited to be part of the Telstra Payroll Giving program. Over 30,000 Telstra employees now have the option of pre-tax donations to Autism CRC as one of the five Tech4Good partners. Any donations received through the program are untied and dollar-matched by Telstra.

Significant industry support saw the second Autism@Work Summit presented by Autism CRC with DXC Technology and ANZ. Industry sponsors included Symantec, SAP and Peoplebank. The initiative received substantial cash and in-kind

Guiding Principles

As a guiding principle, Autism CRC and our researchers continue to prioritise the engagement of end-user SMEs. By engaging end-users early on, we can ensure our research is not only grounded in end-user needs but ensure that there are pathways for dissemination and utilisation of research findings.

It is incumbent on Autism CRC researchers who are project leaders to ensure that end-users and SMEs are engaged with their research projects prior to projects being submitted for funding. Assisting SMEs to build their innovation capacity, staff from SMEs are often project leaders and recipients of direct investment from Autism CRC.

In order to further extend our reach and remain relevant to the needs of the autism community, Autism CRC continues to engage with other end-user SMEs, including non-participant peak bodies and service providers.

support, highlighting the increasing engagement and interest in neurodiverse employees. The Summit included keynote presentations from Paulette Penzvalto, autism advocate and Google employee from Silicon Valley; Yenn Purkis, autism employment advocate, writer and speaker; and Matt Ormiston, autism advocate, technologist and adventurer. Presentations and workshops from a number of employers and industry speakers, ANZ, DXC Technology, Federal Department of Health and Human Services, Federal Department of Home Affairs, SAP, Peoplebank, Curtin University and La Trobe University.

Strategic partnerships are providing in-kind support to deliver outcomes across a range of projects and industries. State-based and national stakeholders include teachers, clinical staff, principals, guidance officers, therapists and policy makers as well as students on the spectrum and parents.

Autism CRC has worked in over 300 schools including state, catholic and independent schools across Australia and the inclusionED advisory group consists of 120 teachers who are being engaged in the development.

As with SME engagement, Autism CRC seeks the involvement of industry in the design of projects and the evaluation, often through trials of project outcomes. A number of large entities and enterprises are engaged as Participants in current project activities, such as Aspect, Autism Association of Western Australia and F.Hoffman-La Roche Ltd.

The development of the National Guideline for Assessment and Diagnosis of Autism included a major international research exercise followed by extensive consultation across Australia with the clinical, allied health, service provider, autistic and autism communities. There has been strong and continued demand for the Guideline from the health and education sectors. To date 11,000 people have registered to access the guidelines from across Australia and overseas.

Through the Salesforce Foundation, Salesforce.org, Autism CRC is a recipient of donated licenses associated with its Customer Relationship Management (CRM) and management information systems. Salesforce is the backbone of Autism CRC's current digital transformation, managing key business operations and the development of the Autism CRC Connect Hub, as well as communication with key stakeholders. Salesforce staff volunteer their time to assist with the system development.

In developing the Autism CRC Connect Hub using Salesforce.com to manage project reporting and CRC program governance, Autism CRC has been able to commercialise this build under the name turnkey CRC.

turnKey CRC is a ready to use software solution developed especially for CRCs. It allows newly funded CRCs to hit the ground running on startup, integrating CRC program governance and management, partner engagement, contracts, cash and in kind commitments, backed by strong reporting and visualisation capabilities.

Currently, Autism CRC has five CRCs as clients using turnKey CRC. These are:

- Innovative Manufacturing CRC
- CRC ORE
- Digital Health CRC
- CRC for Developing Northern Australia
- Future Food Systems CRC

In working together with other CRCs we continue to make improvements and develop new features of benefit to the users and to Autism CRC's application.

Engagement with Government

Autism CRC research outcomes cover a range of portfolios including employment and training, health, education, disability and social services. Meaningful engagement with government at state and federal levels ensures the outcomes we produce are translated into policy.

During the reporting period, Autism CRC continued work with the National Disability Insurance Agency (NDIA) on several projects. This included the National Guideline for the Assessment and Diagnosis of Autism, which was successfully launched on 16 October 2018.

The subtyping project in Program 1 has been working with six DSS funded ASELCCs. The collaboration between NDIA and Autism CRC has involved researchers using behavioural, neurocognitive and genetic profiles to derive more homogeneous subtypes of autism. The project seeks to identify which intervention approaches are the most appropriate and effective for a given child.

Autism CRC is also represented on the Autism Advisory Group to the NDIA.

The MyWay Employability team held a series of workshops with researchers from the CSIRO's Australian E-health Institute, to develop the goal templates, user-engagement and retention strategy to ensure strong engagement and behaviour change. The CSIRO team specialise in human computer interaction and positive psychology.

A number of projects, particularly in Program 2, continue to work with Departments of Education across the country. To deliver on the professional development value of inclusionED, the team is now working with the Australian Institute of Teaching and School Leadership (AITSL) to ensure alignment with relevant professional development frameworks.

The Positive Partnerships team has worked closely with Autism CRC, to extend reach of Autism CRC educational research outputs beyond that of the current program, with a focus on more disadvantaged communities including ATSI, regional and remote, and CALD communities. This collaboration has also resulted in the establishment of an ATSI Community Liaison position, who supported engagement with ATSI communities in a number of education research projects. The Positive Partnerships program also facilitates national dissemination and implementation of best practice in supporting students on the autism spectrum.

Engagement with the Autistic and Autism Communities

Individuals on the autism spectrum and their families are the ultimate beneficiaries of our research and their voices, perspectives and involvement are critical to each stage of our work.

Autism CRC's Sylvia Rodger Academy delivers nationwide programs aimed at empowering autistic adults to contribute to policy, practice and research impacting upon their lives. The Academy also works to build the inclusive capacity of the broader community to recognise and engage the strengths of those on the autism spectrum. The Academy will deliver Programs in leadership, corporate governance and research.



Above: Graduates of the 2018 Future Leaders program with Project Team and Autism CRC staff.

During the reporting period Autism CRC's first intake of Future Leaders completed their training. The holistic leadership program was co-designed with autistic adults.

Autism CRC researchers are committed to engaging with people on the spectrum and their families throughout the research process from the development of research ideas and priorities, through stages of planning, implementation, reflection, dissemination, and provision of feedback.

There are many ways Autism CRC is currently engaging with the autistic and broader autism communities in our research and operations. Each of our project advisory groups must include a person on the spectrum or family member. In addition, all project applications must be reviewed by scientific and autistic reviewers. This ensures that research topics and methods are relevant and appropriate for people on the spectrum.

Incorporating the perspective of the lived experience of autism throughout the research process improves research practices and outcomes, and the opportunity to meaningfully benefit autistic individuals. This year the MyWay Employability project established a Neurodiverse Youth Advisory Group to advise on the engagement elements of the app, content and user expectations.

Aspect Collaboration to Co-deliver the Future Leaders Program

In 2019, we announced the start of a new collaboration with Essential Participant and end-user, Aspect, to co-deliver the Future Leaders Program in 2019 and 2020.

Future Leaders is Australia's first holistic leadership capacity-building program for autistic adults. First delivered by Autism CRC in 2018, the program is designed by and for autistic people, to learn from, empower and encourage one another to pursue their goals and positively impact their communities.

This new collaboration between Autism CRC and Aspect is an opportunity to grow and strengthen the Future Leaders Program under the banner of the Sylvia Rodger Academy. Through shared values and a vision to see emerging autistic leaders empowered to achieve their goals, this project also reflects the strong engagement and relevance of Autism CRC's work to our end-user community.

Dylan's story - A 2018 Future Leader

Our 2018 graduates undertook volunteer placements in fields such as communications, human resources, administration, training and resource development – lending their diverse skills and insights to a range of organisations including art galleries, a construction company, government departments and disability service providers.

Dylan undertook his volunteer placement with WTM Constructions, working as an administration assistant and learning the ins and outs of what goes into constructing a nine-story apartment complex.

"When I first began, I was excited but nervous because it was a completely new industry and a different work environment to anything I've experienced before," Dylan said.

"I got so much out of my placement though. I learnt management skills and admin skills, and I was able to use my analysis skills to help the organisation. I also worked on my communication and developed more confidence with voicing my opinion."

Fred Silz, WTM Constructions' Chartered Builder, said the placement was an excellent experience for their organisation as well.

"Dylan is an absolutely delightful person, very friendly, and he quickly formed very positive relationships with all of the people involved with the project."

"Dylan quickly became a valuable member of the team on site and we were sorry to see him leave when his placement ended."



Above: Malcolm Mayfield with Future Leader Graduate Dylan.

Awards and Honours 2018-19

Date	Personnel	Award	From	For
Oct-18	Dr Renae Beumont	2018 Advance Global Australia Award for Education	Advance Awards	Secret Agent Society Program
Oct-18	Kate Simpson	Journal's top 20 most downloaded recent papers (2016-1018)	Child: Care, Health and Development Journal	Journal article: Participation of children on the autism spectrum in home, school, and community
Dec-18	The National Guideline for the Assessment and Diagnosis of Autism Spectrum Disorders in Australia	Autism CRC Awards for Achievement in Autism Research – Translation of Autism Research	Autism CRC	Demonstration of outstanding commitment to the translation and utilisation of outcomes that will be of significant benefit to the autistic and autism communities
Dec-18	Goal Setting Tool for Adolescent and Adults on the Autism Spectrum	Autism CRC Awards for Achievement in Autism Research – Inclusive Research Practice	Autism CRC	Demonstration of outstanding commitment to putting people with the lived experience of autism at the centre of the research and involved them in all aspects of the research
Dec-18	Lacey Chetcuti	Australasian Society for Autism Research Student Prize	ASfAR	Best student poster
Dec-18	Yunhe Huang	Australasian Society for Autism Research Student Prize	ASfAR	Best student rapid presentation
Feb-19	Tori Haar	Westpac Scholars Trust Social Change Fellowship	Westpac Scholars Trust	Recognition of her work as an autistic leader, public speaker and change maker
Apr-19	Gail Alvares	Autism CRC Travel Scholarship	Autism CRC	To participate and present at INSAR
Apr-19	Stacey Rabba	Autism CRC Travel Scholarship	Autism CRC	To participate and present at INSAR
Apr-19	Jac den Houting	Autism CRC Travel Scholarship	Autism CRC	To participate and present at INSAR
Apr-19	Jac den Houting	Autism CRC Travel Scholarship	Autism CRC	To participate and present at APAC
May-19	Prof Cheryl Dissanayake	Vice-President, and Senior Leader representing the Western Pacific on the INSAR Global Senior Leaders Committee	INSAR	Elected vice President, and also provides support to the INSAR Student and Trainee Committee and the Early Careers committee. Each of these are also involved in the INSAR Summer Institute
Jun-19	A/Prof Marina Ciccarelli	One of the journal's top downloads (Jan 2017 - Dec 2018)	Journal of Research in Special Educational Needs	Journal article: "Leaps of faith", parents' and professionals' viewpoints on preparing adolescents on the autism spectrum for leaving school



Above: Marketing and Communication Manager, Cally Jackson, gathering feedback from Project Leaders on the use of Connect Hub

4.5 Communication

The Australian autism community is large and diverse. Autism CRC has developed a stakeholder relations and communication strategy to ensure effective communication both within Autism CRC and with our external stakeholders.

Communications Goals

- Support the effective delivery of our current programs, projects and initiatives to the expectation of our stakeholders, with an increased focus on translation
- Capitalise on the opportunities provided by our increased reach, while continuing to take advantage of opportunities to further expand our reach
- Strengthen our internal communication efforts and ensure our broader team are acting as CRC ambassadors
- Identify and capitalise on opportunities for high impact stories through mainstream, industry and social media
- Work with the Autism CRC executive to continuously evolve our organisational narrative
- Continuously improve our marketing and communication assets (corporate website, Knowledge Centre, Connect Hub, Salesforce CRM, Marketing Cloud).

The range of organisations and individuals collaborating within Autism CRC, including autistic people and others in the autism community, research organisations, service providers, and government, is a world first. A multi-faceted approach is taken to internal communication ensuring stakeholders are informed of developments and findings and are provided with the means to collaborate across programs and projects, ensuring all are working towards a common goal.

Public awareness of Autism CRC continues to grow through traditional media, social media and a strong presence at national and international conferences. It is imperative to ensure research findings are communicated not only to the autism

community, but are also used to inform government policy development, and industry service development and supports.

Digital Communication and Collaboration Assets

Autism CRC's Knowledge Centre provides a single online gateway to autism resources, tools and publications available on our website. It continues to grow with our ever-increasing range of resources and publications. The Knowledge Centre now hosts over 200 journal publications and other resources, which are made available to the public through the site, ensuring the timely dissemination of knowledge and outputs. This year, resources around diagnosis, educational tools and mental health were the most viewed.

Activities in the Reporting Period

For the 2018-2019 reporting period, our website autismcrc.com.au averaged 6,278 visitors per month, a 64% increase on the previous year. The website attracted a 79% increase in page views (380,134) and users viewed an average of 3.26 pages per visit (an increase of 6%), reflecting continued growth in user engagement.

The launch of the National Guideline provided a strategic opportunity for Autism CRC to increase our reach into key stakeholder groups. This led to a 510% increase in subscribers to our e-Newsletter, which at the end of the reporting period was being distributed to a growing stakeholder list 8,543. Media coverage was secured across print, radio, TV and online outlets nationally. A range of health, education and other industry publications have also reported on CRC research outcomes.

Events were held across the year to provide updates on the progress of the CRC and to collaborate with researchers from across different programs. These events included Scholars Day (November 2018), Participant Day (April 2019) and Project Leaders Day (August 2018).

Regular internal updates were sent to all project leaders, researchers, scholars and staff. Ongoing support was given to researchers and scholars in the promotion and recruitment of projects ensuring brand consistency and helping to extend the reach of individual project teams.

Autism Month Webinar Series

During Autism Month in April, our four-part free webinar series booked out in less than a week (150 registrations per webinar). A further 200 people have viewed recordings on YouTube to date.

Topics included the Australian Autism Biobank; the promise of functional near-infrared spectroscopy in autism research; transitioning children from early intervention programs to primary school; a longitudinal study of Australian adults on the spectrum; longitudinal studies of Australian school leavers and Australian adults on the spectrum; helping young autistic adults to plan and prepare for their working life; improving classroom acoustics; promoting school connectedness; and inclusionED – a community platform for Australian teachers of diverse learners.

An 'Autistic Voices' webinar featured four Future Leaders graduates sharing their thoughts on what being autistic means to them and what they would like others to know about autism.



4.6 Intellectual Property

Autism CRC recognises the value of intellectual property (IP) and its importance in enabling the utilisation and commercialisation of research outcomes, and strives to develop a culture where this is recognised and respected.

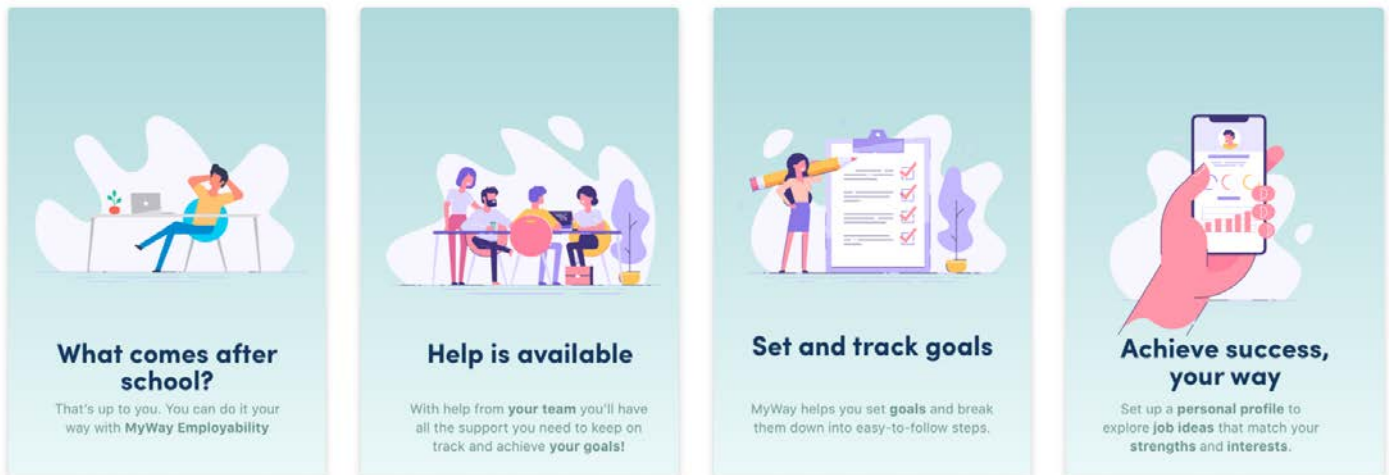
A number of mechanisms are employed for the identification, protection and management of IP.

- The Research and Translation Executive, chaired by the Chair of the Research and Development Committee, has oversight of the IP development, protection and commercialisation activities of Autism CRC.
- Identification and recording of background IP on the Autism CRC IP register, updated regularly as to the status of IP assets.
- Identification and recording of new CRC Centre IP (CIP) created through CRC programs on the Autism CRC IP register, updated regularly as to the status of IP assets.
- Publication approval processes for written and oral publications and posters and PhD theses overseen by the Chief Research Officer (on behalf of Autism CRC, the legal owner of CIP).
- Publications Register in which all manuscripts submitted for publication and eventually published are registered along with PDF copies of the publication.
- Project Agreements and Project Plans include items on Background IP required for the conduct of the project and CIP likely to be developed/created by the project.
- IP identification, status and translation considerations specifically required in Project Progress and Final Reports.
- Upskilling CRC staff, researchers and scholars through relevant education and training on IP matters relevant to the Autism CRC.

These practices ensure that the Autism CRC complies with the National Principles of Intellectual Property Management for Publicly Funded Research.

The key items of intellectual property currently held by Autism CRC (or its subsidiary, Social Skills Training Pty Ltd) can be found in Appendix 6.

These practices ensure that Autism CRC complies with the National Principles of Intellectual Property Management for Publicly Funded Research.



4.7 Utilisation and Commercialisation

During the reporting period, a number of Autism CRC outputs have generated significant utilisation and impact. To date, over 10,000 professionals have been involved in our training events and/or research programs.

SACS-R

The Social, Attention and Communication Surveillance-Revised (SACS-R) tool is used by community-based, primary care professionals to identify children in need of further assessment for autism during their early years. The tool was developed by researchers at OTARC at La Trobe University, and initially trialled with over 22,000 children (between 2006 - 2008), and revised to maximise early detection.

Since 2013, a partnership including the Autism CRC, has seen a further trial with 20,000 children monitored (in Victoria and Tasmania) with SACS-R. The successful outcomes in both studies led to the development of the accompanying app (ASDetect) for parents to monitor their children aged 11-30 months.

The SACS and its training program has been utilised by over 1,000 community-based primary care professionals in Victoria, Tasmania, Queensland and NSW, with over 42,000 infants and toddlers monitored in the Victorian and Tasmanian Maternal and Child Health system alone, while ASDetect has been downloaded over 36,000 times since its launch in 2016 (Output and Utilisation Milestones 1.1).

Biobank

Since the Biobank resource was launched in December 2019, 12 Australian and international applications have been received for access to materials and/or data.

To determine whether a longitudinal follow-up of the Australian Autism Biobank is feasible, a pilot study was launched in 2018 to investigate participant return rates. Data on the feasibility of a longitudinal follow up would be useful for both the large-scale grant applications required for the continuation of the project outside Autism CRC funding and to attract industry investment (Output and Utilisation Milestones 1.2).

MyWay Employability

Following completion of Stage 1 of the Telstra Foundation Tech4Good Challenge, Autism CRC submitted a proposal to the Telstra Foundation Board for Stage 2 to build, pilot and evaluate MyWay Employability, incorporating the Autism CRC goal setting tool to achieve Better Outcomes for Successful Transitions among people on the Autism spectrum (BOOST-A). The bid was successful and in early 2018 Autism CRC was awarded \$450,000 in funding and support over the next two years, with an opportunity to pitch for an additional \$450,000 to scale and grow the application in late 2020.

The team maintain contact with the professionals who have used BOOST-A in practice, taking part in the BOOST-A utilisation project study. This group, primarily representatives of Autism CRC End-User Participants, are being engaged as potential referral agents, encouraging young clients to use the web application and/or using it in professional practice.

The long-term vision is that MyWay Employability will be widely used in schools as a support resource for educators working with autistic school leavers. Planned Autism CRC co-investment in the project will develop an educator-focused guide to using MyWay Employability in teaching practices as part of transition planning and the Australian Curriculum: Work Studies Years 9-10.

This project also has international reach with one of the Partner Investigators being based in Canada (Output and Utilisation Milestones 3.2).

Positive Partnerships

Through the expanded collaboration with Aspect as the manager of the Positive Partnerships program, many of the project outputs from the Education Program are being further developed, disseminated and utilised within remote, ATSI and CALD communities (Output and Utilisation Milestones 2.1).

Above: Several example screens from the MyWay Employability interactive prototype developed for user testing with autistic young people.



Above: SAS is empowering children to crack the code of emotions and friendships

Secret Agent Society

Social Skills Training Pty Ltd (SST) is a wholly-owned subsidiary of Autism CRC, which is further developing and commercialising an emotion regulation and resilience building program, Secret Agent Society (SAS).

SST's vision is to see young people empowered and resilient, pursuing their own pathway, strengths and interests.

SST holds the exclusive commercialisation rights to the SAS program and future program developments. SST has driven a number of new developments relating to the SAS program, its application and its delivery, and has also supported other program development projects, such as the development of the SAS-WOC Curriculum project undertaken through Autism CRC. It is also responsible for the production and distribution of SAS materials, in addition to providing and facilitating practitioner training courses both in Australia and internationally.

During the reporting period:

- SST commenced a computer game re-development project to update and expand the device compatibility and functionality of the current SAS computer game, which is used across the suite of SAS program options.
- Australian Curriculum Subject Mapping was developed by SST for the SAS Small Group Program (SAS-SG) and the SAS Facilitator Training Course has been endorsed for 14 hours of New South Wales Education Standards Association (NESA) professional development hours for teachers at the Proficient Level.
- Five schools across three states in Australia conducted commercial utility trials for SST of the SAS-WOC Curriculum.
- SST and its associates presented and facilitated workshops on SAS to professionals and families at over seven conferences across five countries throughout the reporting period.

- SAS Program Author Renae Beaumont delivered an Autism workshop featuring SAS to 31 professionals in the British Virgin Islands. The workshop was organised as a collaboration between Unite BVI, the Ministry of Health and Social Development and the BVI Health Services Authority with the support of SST.
- SST supported the commencement of two new applied research studies in child and youth mental health services (Australia and Ireland).
- SST launched a series of free support webinars specifically tailored to our SAS Facilitators. Designed to empower facilitators to deliver the SAS-SG successfully and efficiently with their services, the webinars have been received extremely well by our providers.
- SST had turnover of \$784,000, including \$143,800 of export sales.

SAS Facilitator Training Courses and SAS Version 2 update sessions were held in Australia, Canada and USA as well as four online courses. A total of 306 professionals from seven countries attended these training events during the reporting period.

- 285 people attended SAS Facilitator Training for the SAS-SG.
- 21 people attended online Version 2 update sessions.
- Over 2,000 families have accessed the SAS Program during the past 12 months.

The Social Skills Training Pty Ltd Board has been appointed by Autism CRC Ltd as the sole shareholder. Its members are:

- Ms Carole Green (Chair)
- Mr Paul Vincent
- Mr Adrian Ford
- Mr Joe McLean
- Mr Andrew Davis.

The SST Board met six times during the reporting period.

Dr Renae Beaumont Wins Advance Award in Education

At Sydney's Town Hall in October 2018, SAS Program author Dr Renae Beaumont, was awarded an Advance Award in Education for her work in developing and translating the SAS Program to practice – the program, this year, having celebrated its 10-year anniversary of delivering positive impacts for children and families around the world.

The Advance Awards celebrate Australians who exhibit remarkable talent, exceptional vision and ambition. The Awards are unique in their recognition of the contributions of the one million Australians living abroad, and those who have returned home.



HealthPathways

The HealthPathways Autism Initiative is establishing a platform for health professionals to access up-to-date and evidence-based information to aid clinical decision-making around the health and wellbeing of people on the autism spectrum. This ensures patients receive high quality and consistent care, ultimately improving their health and wellbeing outcomes. Health providers, including GPs have been engaged in development and evaluation of the project platform to be launched in July 2019.

An additional project will ensure that the delivery of tools, strategies and techniques developed to improve health and wellbeing are accessible to adults on the spectrum with intellectual disability and their caregivers (Output and Utilisation Milestones 3.1).

inclusionED

The inclusionED project has strengthened education sector engagement, with an advisory group of over 120 educators providing input into the design and development of the community platform. Autism CRC has deepened its relationships with the state departments of Education who are further supporting user-testing of the platform. In an effort to establish appropriate referral pathways and align national CPD frameworks, Autism CRC is also engaging with the AITSL and Social Ventures Australia - Evidence for Learning team (Output Milestones 2.3).

Autism@Work Summit

The second Autism@Work Summit, presented by Autism CRC, DXC Technology and ANZ, was supported by sponsors Symantec, SAP and Peoplebank. The initiative attracted substantial cash and in-kind support, highlighting the increasing interest and value employers are placing in neurodiverse employees.

With more than 100 participants, the Autism@Work Summit was a great opportunity for attendees to hear from the growing number of organisations investing in a more neurodiverse workforce.

The day included presentations and workshops from a number of employers and industry speakers, including representatives from Autism CRC, ANZ, DXC Technology, Federal Department of Health and Human Services, Federal Department of Home Affairs, SAP, Peoplebank, Curtin University and La Trobe University. A post-summit Employment Fair was held to discuss employment opportunities with autistic job seekers and their families.

National Guideline for Assessment and Diagnosis of Autism

As highlighted previously, there has been sustained demand for the National Guideline from the health and education sectors across Australia.

5 Governance



Professor Robert van Barneveld

Chair

BAgrSc (Hon), PhD, RANutr, FAICD

Robert became Chair of Autism CRC in November 2017. He is an experienced Director of small and large businesses, not-for-profits, peak bodies and ASX Top 300. He has extensive experience in corporate governance, research commercialisation and management, and government liaison at state and federal levels.

As a past President of Autism Queensland he is familiar with the needs of families and carers of people on the spectrum. His daughter was initially diagnosed with autism but later re-diagnosed with Rett Syndrome.

Robert was a Director of the Pork CRC Ltd (prior to its wind-up in 2019 and remains a Director of the legacy entity, Australasian Pork Research Institute Ltd) and has led three successful CRC bids, including the Autism CRC bid. He has also been involved in the establishment and transition of CRCs and has worked as a researcher within the Pork, Aquaculture and Aquafin CRCs.

Robert is an Adjunct Professor within the School of Environmental and Rural Science at the University of New England.

Robert is also Group CEO and Managing Director of the SunPork Group of Companies, which initiated the Autism and Agriculture program and now employs 12 autistic adults in specialist animal care roles.



Ms Carole Green

Deputy Chair

BAppSc (Comp), GradDipCorpGov, GradDipEd, MInfTech, MBA, CertTeach, GAICD

Carole has been an independent director of Autism CRC since its commencement in July 2013, a director of Social Skills Training since January 2017 and its Chair since January 2018. Previously, Carole held positions within a number of Cooperative Research Centres (CRCs) including Strategic Manager, Wound Management Innovation CRC, as well as Chief Operating Officer, Construction Innovation CRC. She has also been Company Secretary within CRC contexts.

She has experience in establishment, strategic direction, implementation of processes and systems within CRCs, and exploitation of research outputs. Carole also has more than 15 years' experience working with tertiary education, government, and industry across science, health, education, business and IT.

She has a wealth of experience in complex environments with multiple stakeholders, establishing and operating business structures, quality assurance and risk management.



Ms Judy Brewer AO

Independent Director

BBus (Public Admin), GDipTax, GAICD

Judy is an Independent Director and was formerly Chair of the Autism CRC from its inception in 2013 until November 2017. She is a nationally recognised speaker and writer on issues relating to neurodiverse families. With two adult sons, one of whom is autistic, Judy has been actively involved in many autism and carer organisations, is co-founder of the Future Leaders program and co-founder of Autism Aspergers Advocacy Australia (A4).

In 2013, Judy was a recipient of the Asia Pacific Autism Award and, in 2016, was named Officer of the Order of Australia for her service to people with a disability, particularly to those on the autism spectrum, refugees living in rural areas, women and education. In 2017 she became Pro-Chancellor of Charles Sturt University.

Judy has held various appointments on Federal and State Government Committees, including as Chair of the National Family Carers Voice, panel member for the 2004 Review of the Disability Carer Allowance, the 2005 Ministerial Advisory Group on the reforms to Disability Trusts, the Victorian Government Autism State Plan Working Party 2007/08 and the Department of Education, Employment and Workplace Relations (DEEWR) Advisory Committee for the Positive Partnerships program.



Adrian Ford

Nominee Director

BSocStud, FAICD

Adrian is the Chief Executive Officer and Company Secretary of Aspect, Australia's largest national autism-specific service provider that focuses on people on the autism spectrum, their families and communities. Adrian announced during the year that he would be stepping down from his roles with Aspect in September 2019.

Aspect works with people of all ages on the spectrum as well as providing training and consultancies both nationally and internationally. This gives first-hand experience of the needs, issues, concerns and research priorities of people on the spectrum and their families/carers.

Adrian has extensive experience with not-for-profit boards, governance structures, strategic planning, risk management, finances, HR and policy frameworks. He has worked with autism organisations and governments at all levels and has been instrumental in developing partnerships with organisations with a common interest and commitment. Adrian also has experience with the roll out of the NDIS across Eastern Australia.

Adrian has represented Aspect on the Australian Autism Alliance and the Australian Advisory Board for Autism (AABA), having previously chaired the AABA on a number of occasions. Adrian also chaired the Organising Committee for APAC in 2009 and 2017.



Dr Shirley Lanning

Independent Director

BSc (Biological Sciences) (Hons 1), PhD (Microbiology), FAICD

Shirley has over 20 years' senior management experience in commercial and not-for-profit organisations in the UK and Australia, with a focus on corporate affairs, marketing and communications, business development and general management in the area of science and technology.

She has served as a non-executive Board Director of a number of not-for-profit organisations, including NanoVentures Australia, Nanotechnology Victoria, the Pig Research and Development Corporation and AusBiotech, and as a Member of Government Advisory Councils, including the Federal Government's Advisory Council on Intellectual Property and the Victorian Cancer Agency Consultative Council.

Shirley was the inaugural Executive Director of the UK BioIndustry Association and has been involved with the CRC Program for many years, serving as Federal Government Visitor to the CRC for Viticulture and the CRC for Cellular Growth Factors. She is a Fellow of the Australian Institute of Company Directors.



Mr Malcolm Mayfield

Independent Director

BEng (Civil), GAICD

Malcolm is the founder and Managing Director of Autism STAR Pty Ltd. As well as being on the Autism CRC Board, Malcolm is a member of the Australian Autism Research Council, on the Management Committee for the Sylvia Rodger Academy and on the projects teams for Future Leaders and Governance.

Malcolm's career includes working as a researcher in the UniSA Civil Engineering Laboratories and as a contract administrator in the construction industry. In those capacities, he has worked on sports stadiums, high-rise buildings, power stations, and subdivisions, and was highly regarded in his field.

Malcolm's view of the world changed when he self-diagnosed his Asperger's Syndrome at the age of 37 and had that diagnosis confirmed a few years later. Patterns in his life that had previously been confusing began to make sense and, as part of that process of greater awareness, he realised that in order to cope and succeed as an adult and a professional, he had developed independent success strategies that could be used by others on the autism spectrum. The concept and manifestation of Autism STAR grew out of that process of self-discovery.

Malcolm's goal is to shine a light on the autism spectrum to show the world that autism is a strength to be cherished and nurtured into success for all.



Mr Scott Reading

Nominee Director

MCom, MBus (Logistics Management), MAICD

Scott is a Founding Director of the AEIOU Foundation for Children with Autism.

AEIOU is an Essential Participant of the Autism CRC and is a not-for-profit organisation which was established to deliver high-quality early intervention therapy and care. Its family centred program meets the Guidelines for Good Practice and supports children on the autism spectrum to develop essential life skills, independence, confidence and inclusion.

As a parent of a child on the spectrum, Scott understands first-hand the daily challenges that this condition can bring. His son William has been diagnosed with epilepsy, intellectual impairment and low functioning autism.

Scott has over 30 years' experience in senior management and leadership roles in industry sectors including retail, media, direct selling and small business. He has extensive corporate experience with national and international companies including Coles Myer, Gordon & Gotch, Sara Lee, Tupperware Brands and Nutraceuticals. Scott's skill sets include, sales, marketing, finance, operations, IT, events management, CRM and fundraising initiatives.

During Scott's terms as a Director of the Autism CRC he has served on the Audit, Risk and Finance Committee, the Research and Development Committee and for a short period as the Managing Director of the CRC during the company's search for a new CEO.



Mr Paul Vincent

Independent Director

BBus (Acc), FCA, GAICD

Paul is a Chartered Accountant and has been a Director of Vincents Chartered Accountants since 1989. He has extensive experience in commercial litigation, providing evidence for criminal matters (fraud, family law property settlements), professional negligence actions, corporate governance and directors' duty breaches. Paul also mediates and arbitrates financial disputes. His accounting experience covers audit, insolvency, management, taxation and general accounting.

Paul is a regular presenter at conferences across Australia on a range of forensic accounting topics including, commercial dispute resolution, quantifying damages in commercial disputes, fraud detection and prevention and proceeds of crime related topics.



Mr Paul Field

Independent Director

BA (Hons), MA, FAICD

Paul brings valuable experience in the translation of biomedical research, including the commercialisation of biomarkers for neurological conditions. He currently provides business development services to a number of biotechnology companies including BioCurate, and he has in the past worked at Biotechnology Austrade, facilitating foreign direct investment into Australian life sciences.

Paul was an inaugural director of the CRC from 2013-15, initially drawn to the CRC through friendships with parents of children on the autism spectrum. He was pleased to be reappointed to the Board in April 2018.



Mr Joe McLean

Nominee Director

B Bus (Hons), Dip Teach, GAICD

Joe McLean is the Director, Research Partnerships, at UQ, and joined the Autism CRC Board in April 2018. He supports the Pro-Vice-Chancellor (Research Partnerships) in developing strategic research partnerships with industry, government and the not-for-profit sector. The role also involves oversight of contracting research services.

Joe has 20 years of experience working at the interface of research and markets across a broad range of industries and disciplines. Prior to taking on the position of Director, Research Partnerships, at UQ, Joe was Head of Strategy and Growth for Triple P International Pty Ltd helping develop new markets and advising on business strategy. He spent more than 10 years at UniQuest Pty Limited becoming manager of the social sciences and humanities group as well as leading the Consulting and Research and International Development divisions.



5.1 Autism CRC Board Committees

Research and Development Committee

The Research and Development Committee is comprised of Essential Participant nominees and members appointed by the Board. The Committee provides a forum for consultation among the Essential Participants, a point of interaction between the Essential Participants and the Board, and guidance and recommendations to the Board in relation to research and development undertaken within the Autism CRC.

During the reporting period, the Research and Development Committee met twice and consisted of Professor Robert van Barneveld (Chair), Dr Shirley Lanning, Scott Reading, Judy Brewer, Paul Field and Essential Participant nominee representatives.

Andrew Davis (CEO), Professor Andrew Whitehouse (Chief Research Officer), Cheryl Mangan (Manager, Research Translation), Andrew Borneman (CFO), Professor Valsa Eapen (Program 1 Director), Professor Suzanne Carrington (Program 2 Director), Professor Torbjorn Falkmer (Program 3 Director), and Robyn Synnott (Committee Secretary) also attended on invitation.

The Remuneration, Nominations and Selection Committee

The Remuneration, Nominations and Selection Committee assists the Board in fulfilling its corporate governance responsibilities including:

- Providing recommendations for Director nominees to the Members
- Ensuring a rotation is established whereby at least one third of Directors retire and are eligible for re-election annually
- Establishing a process for the review of Board performance and the development of the Board
- Undertaking succession planning for the Board
- Reviewing the performance and remuneration of the CEO and make recommendations in this regard to the Chair of the Board
- Reviewing the performance and remuneration framework for the Executive Team with the CEO.

During the reporting period, the Remuneration, Nominations and Selection Committee met once and consisted of Professor Robert van Barneveld (Chair), Judy Brewer and Scott Reading, with the CEO and CFO also in attendance.

Audit, Risk and Finance Committee

The Audit, Risk and Finance Committee assists the Board in its oversight of the integrity of financial reporting, internal control structures, audit functions and also compliance and risk management systems relating to the finance and audit functions. This Committee ensures appropriate policies and procedures are in place to underpin best practice governance and to identify and manage corporate risk for the Company.

During the reporting period, the Audit, Risk and Finance Committee met five times and consisted of Paul Vincent (Chair), Carole Green, Malcolm Mayfield, and Joe McLean, with the CEO and CFO also in attendance.

Appendix 1: List of Autism CRC Participants

Participant name	Type	Organisation type	ABN
AEIOU Foundation	Essential	Industry / Private Sector / End-user	19 135 897 255
Autism Queensland Ltd	Essential	Industry / Private Sector / End-user	79 253 351 418
Autism Spectrum Australia (Aspect)	Essential	Industry / Private Sector / End-user	12 000 637 267
Autism New Zealand	Essential	Industry / Private Sector / End-user/ International	
Curtin University	Essential	University	99 143 842 569
Griffith University	Essential	University	78 106 094 461
F. Hoffmann-La Roche Ltd	Essential	Industry / Private Sector / End-user/ International	
La Trobe University	Essential	University	64 804 735 113
Mater Research Ltd	Essential	Industry / Private Sector / End-user	28 109 834 719
Queensland Department of Education and Training	Essential	State Government / End-user	76 337 613 647
Queensland University of Technology	Essential	University	83 791 724 622
University of New South Wales	Essential	University	57 195 873 179
University of Queensland	Essential	University	63 942 912 684
University of Western Australia	Essential	University	37 882 817 280
Affymetrix Inc	Other	Industry / Private Sector / End-user / International	
Amaze	Other	Industry/Private Sector/ End-user	15 600 724 949
Asperger Services Australia	Other	Industry / Private Sector / End-user	14 389 908 238
AssistiveWare	Other	Industry / Private Sector/ International	
Australian Advisory Board for Autism	Other	Other / End-user	53 085 018 408
Australian College of Rural and Remote Medicine	Other	Other / End-user	12 078 081 848
Autism Association of South Australia Inc	Other	Industry / Private Sector/ End-user	41 905 977 886
Autism Association of Western Australia Inc	Other	Industry / Private Sector/ End-user	54 354 917 843
Autism Awareness	Other	Industry / Private Sector/ End-user	42 130 217 962
Autism Specific Early Learning and Care Centre - Anglicare SA	Other	Industry / End-user	69 187 578 153
Autism Specific Early Learning and Care Centre - KU Children's Services	Other	Industry / End-user	89 000 006 137
Autism Specific Early Learning and Care Centre - La Trobe University Community Children's Centre	Other	Industry / End-user	64 804 735 113
Autism Specific Early Learning and Care Centre - Nathan QLD (AEIOU)	Other	Industry / End-user	19 135 897 255
Autism Specific Early Learning and Care Centre – St Giles	Other	Industry / End-user	79 067 523 335
Autism Specific Early Learning and Care Centre - WA (AAWA)	Other	Industry / End-user	54 354 917 843
Autistic Self Advocacy Network of Australia and New Zealand (ASAN AUNZ)	Other	End-user	12 266 839 266
Autism Tasmania	Other	Industry / End-user	90 215 494 454
Autism West	Other	Industry / End-user	38 262 080 944
Brisbane Catholic Education	Other	Private sector / End-user	49 991 006 857
Catholic Education Commission of Victoria	Other	Private Sector / End-user	92 119 459 853
Catholic Education Office of WA	Other	Private Sector / End-user	97 244 688 522

Participant name	Type	Organisation type	ABN
Children's Health Queensland Hospital and Health Service	Other	State Government / End-user	62 254 746 464
Department of Health and Human Services Tasmania	Other	State Government	11 255 872 006
Department of Communities (Disability Services Commission), WA	Other	State Government / End-user	36 922 715 369
Hear and Learn	Other	Industry / Private Sector	26 125 822 479
I CAN Network	Other	End-user	63 608 173 100
iiNet Ltd (Acquired by TPG Internet Pty Ltd in August 2015)	Other	Industry / Private Sector	48 068 628 937
Joseph Piven	Other	Individual / International	
Macquarie University	Other	University	90 952 801 237
Minds and Hearts	Other	Industry / Private Sector/ End-user	51 128 736 103
National Rural Health Alliance	Other	Other / End-user	68 480 848 412
Pathwest Laboratory Medicine WA	Other	State Government	13 993 250 709
Renaee Beaumont Enterprises Pty Ltd	Other	Industry	50 129 179 675
South Australian Group Enterprises (SAGE)	Other	Private Sector/ End-user	40 005 498 775
The Aspergers Syndrome Clinic	Other	Industry / Private Sector / End-user	39 090 503 601
The Association of Independent Schools Queensland	Other	Industry / Private Sector/ End-user	88 662 995 577
The Royal Children's Hospital	Other	State Government / End-user	35 655 720 546
The Sydney Children's Hospital Network	Other	State Government / End-user	53 188 579 090
University of Sydney	Other	University	15 211 513 464
University of Wollongong	Other	University	61 060 567 686
Wenn Lawson	Other	Individual	13 004 434 638
Western Australian Autism Diagnosticians Forum Inc	Other	Other / End-user	51 286 721 089

Appendix 2: Annual Financial Report

Autism CRC Ltd
ABN 55 162 632 180

Annual Financial Report
For the financial year ended 30 June 2019

Autism CRC Ltd

ABN 55 162 632 180

Annual Financial Report
For the financial year ended 30 June 2019

Autism CRC Ltd
ABN 55 162 632 180

Annual Financial Report
For the financial year ended 30 June 2019

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Autism CRC Ltd
ABN 55 162 632 180

Annual Financial Report
For the financial year ended 30 June 2019

Directory Directors

Robert van Barneveld, Chair
Carole Green, Deputy Chair
Judy Brewer
Shirley Lanning
Paul Vincent
Adrian Ford
Scott Reading
Malcolm Mayfield
Paul Field
Joe McLean

Company Secretary

Andrew Borneman

Registered Office

Autism CRC Ltd
Level 3 Foxtail Building, Long Pocket Campus
The University of Queensland,
80 Meiers Road
Indooroopilly Queensland Australia 4068

Auditors

KPMG
Level 16, 71 Eagle Street
Brisbane, Queensland

Solicitors

FAL Lawyers
Level 16, 356 Collins Street Melbourne
Victoria

Autism CRC Ltd
ABN 55 162 632 180

Annual Financial Report
For the financial year ended 30 June 2019

Directors' Report

The Directors of Autism CRC Ltd ("the Company" or "CRC") present their report with the financial statements of the Company for the twelve months ended (or "financial period ended") 30 June 2019.

Autism CRC Ltd is established and operates under its Constitution and is subject to the Commonwealth Agreement and Essential Participants Agreement.

Autism CRC Ltd is a company limited by guarantee, incorporated and domiciled in Australia.

Autism CRC Ltd formed Social Skills Training Pty Ltd (SST) on 10 July 2014. SST is a wholly-owned subsidiary which will further develop and commercialise a social and behavioural skills training program. SST results are incorporated into the Consolidated Entity for the financial statements. For further information on consolidation refer to the *Principles of consolidation* in Note 2 summary of accounting policies.

Directors

The Company's Board of Directors includes an independent Chairperson, six Independent Directors, and three Nominee Directors. The Directors for the period 1 July 2018 through to the end of the reporting period are:

Robert van Barneveld <i>Independent Chair</i> <i>Chair Research & Development Committee</i> <i>Chair Remuneration, Nominations & Selection Committee</i>	BAgrSc (Hon), PhD, RAnNutr, FAICD
Carole Green <i>Independent Deputy Director</i> <i>Chair Social Skills Training Pty Ltd</i>	BAppSc (Comp), GradDipCorpGov, GradDipEd, MInfTech, MBA, CertTeach, GAICD
Judy Brewer <i>Independent Director</i>	BBus (Public Admin), GDipTax, GAICD
Shirley Lanning <i>Independent Director</i>	BSc (Biological Sciences) (Hons 1), PhD (Microbiology), FAICD
Paul Vincent <i>Independent Director</i> <i>Chair Audit, Risk & Finance Committee</i>	BBus (Acc), FCA, GAICD

Autism CRC Ltd
ABN 55 162 632 180

Annual Financial Report
For the financial year ended 30 June 2019

Directors' Report (continued)
Directors' (continued)

Adrian Ford <i>Nominee Director</i>	BSocStud, FAICD
Scott Reading <i>Nominee Director</i>	MCom, MBus (Logistics Management), MAICD
Malcolm Mayfield <i>Independent Director</i>	BEng (Civil), GAICD
Paul Field <i>Independent Director</i>	BA (Hons), MA, FAICD
Joe McLean <i>Nominee Director</i>	B Bus (Hons), Dip Teach, GAICD

Directors have been in office since the beginning of the financial period to the date of this report unless otherwise stated.

Company Secretary

The Company Secretary as at 30 June 2019 was Mr Andrew Borneman, who also acts as Chief Financial Officer (CFO) of the Company.

Board Committees

The Board has established a number of Committees to assist in the execution of its duties and to allow detailed consideration of various issues. Current Committees of the Board are: Audit, Risk and Finance Committee; Remuneration, Nominations and Selection Committee and Research and Development Committee. Each of the Committees has its own formal charter setting out the authority delegated to it by the Board. All matters determined by these Committees are submitted to the full Board for approval.

Audit, Risk and Finance Committee

The Audit, Risk and Finance Committee assists the Board in its oversight of the integrity of financial reporting, internal control structures, audit functions and also compliance and risk management systems relating to the finance and audit functions. This Committee ensures appropriate policies and procedures are in place to underpin best practice governance and to identify and manage corporate risk for the Company.

During the reporting period, the Audit, Risk and Finance Committee met five times and consisted of Paul Vincent (Chair), Carole Green, Malcolm Mayfield, and Joe McLean with the CEO and CFO in attendance.

Directors' Report (continued)

The Remuneration, Nominations and Selection Committee

The Remuneration, Nominations and Selection Committee assists the Board in fulfilling its corporate governance responsibilities in regard to:

- providing recommendations for Director nominees to the Members;
- ensuring a rotation is established whereby at least one third of Directors retire and are eligible for re-election annually;
- establishing a process for the review of Board performance and the development of the Board;
- undertaking succession planning for the Board;
- reviewing the performance and remuneration of the CEO and make recommendations in this regard to the Chair of the Board; and
- reviewing the performance and remuneration framework for the Executive Team with the CEO.

During the reporting period, the Remuneration, Nominations and Selection Committee met once and consisted of Robert van Barneveld (Chair), Judy Brewer and Scott Reading, with the CEO and CFO in attendance.

Research and Development Committee

The Research and Development Committee is comprised of Essential Participant nominees and members appointed by the Board. The Committee provides a forum for consultation among the Essential Participants, a point of interaction between the Essential Participants and the Board, and guidance and recommendations to the Board in relation to research and development undertaken within the Autism CRC.

During the reporting period, the Research and Development Committee met twice and consisted of Professor Robert van Barneveld (Chair), Dr Shirley Lanning, Scott Reading, Judy Brewer, Paul Field and Essential Participant nominee representatives.

Andrew Davis (CEO), Professor Andrew Whitehouse (Chief Research Officer), Cheryl Mangan (Manager, Research Translation), Andrew Borneman (CFO), Professor Valsa Eapen (Program 1 Director), Professor Suzanne Carrington (Program 2 Director), Professor Torbjorn Falkmer (Program 3 Director), and Robyn Synnott (Committee Secretary) also attended on invitation.

Social Skills Training Pty Ltd Board

The Company acquired the Secret Agent Society (SAS) Program Business from Triple P International Pty Ltd. Autism CRC Ltd made a \$200,000 equity investment and formed Social Skills Training Pty Ltd (SST) on 10 July 2014, and a further \$262,000 on 28 June 2019. SST is a wholly-owned subsidiary of Autism CRC, which will further develop and commercialise a social and behavioural skills training program, Secret Agent Society (SAS). SST holds the exclusive commercialisation rights to the SAS program and future program developments. It is responsible for the production and distribution of SAS materials, in addition to providing and facilitating practitioner training courses within Australia and internationally.

The Social Skills Training Pty Ltd Board has been appointed by Autism CRC Ltd as the sole shareholder. Its members are, Ms Carole Green (Chair), Mr Paul Vincent, Mr Andrew Davis, Mr Adrian Ford and Mr Joe McLean. Mr Andrew Borneman serves as Company Secretary.

Autism CRC Ltd
ABN 55 162 632 180

Annual Financial Report
For the financial year ended 30 June 2019

Directors' and Committee Meetings

The number of Directors' meetings and various Committee Meetings held during the financial period and the numbers of meetings attended by each Director are:

	Directors' Meetings		Audit, Risk and Finance Committee		Remuneration and Selection Committee		Research and Development Committee	
	A	B	A	B	A	B	A	B
Robert van Barneveld	5	5	n/a	n/a	1	1	2	2
Carole Green	5	5	5	5	n/a	n/a	n/a	n/a
Judy Brewer	4	5	n/a	n/a	1	1	1	2
Shirley Lanning	4	5	n/a	n/a	n/a	n/a	1	2
Paul Vincent	5	5	5	5	n/a	n/a	n/a	n/a
Adrian Ford	4	5	n/a	n/a	0	1	n/a	n/a
Scott Reading	5	5	n/a	n/a	1	1	2	2
Malcolm Mayfield	5	5	5	5	n/a	n/a	n/a	n/a
Paul Field	5	5	n/a	n/a	n/a	n/a	0	2
Joe McLean	4	5	4	5	n/a	n/a	n/a	n/a

A = Attended

B = Number of eligible to attend

Short and Long Term Objectives

Our vision is to see autistic people empowered to discover and use their diverse strengths and interests. Our mission is to motivate, facilitate and translate collaborative autism research across the life span, underpinned by inclusive practices. Our programs take a whole-of-life view from diagnosis and the early years, through the school years and into adult life. We are committed to inclusive research practices and coproduction of outcomes with those on the spectrum and their families to ensure our research provides practical and tangible outputs that benefit the community.

Principal Activities

The Company's principal activity during the reporting period is facilitating research, supporting diagnosis, education and adult life in the field of autism. Further details of activities can be found in the published Annual Report.

Results of Operations

The operating surplus of the Consolidated Entity for the financial period ended 30 June 2019 was \$1,337,009 (2018: \$2,961,754). In 2018 and 2019 the cash and in-kind costs associated with Australian Autism Biobank have been recognised on the Statement of Financial Position as an intangible asset, which amounted to \$974,872 (2018: \$2,758,800).

Review of Operations

To 30 June 2019, the Consolidated Entity had operating income of \$23,156,454 (2018: \$26,433,148). The Company uses a range of mechanisms to measure its performance.

Autism CRC Ltd
ABN 55 162 632 180

Annual Financial Report
For the financial year ended 30 June 2019

Directors' Report (continued)

Dividends

The Company is limited by guarantee and has no share capital. The members of Autism CRC Ltd are precluded by the Company's Constitution from declaring a dividend. No dividends were paid or declared by Autism CRC Ltd for the year ended 30 June 2019.

State of Affairs and Events Subsequent to Balance Date

In the opinion of the Directors, there were no other significant changes apart from those stated above that occurred during the reporting period. There has not arisen in the interval between the end of the financial period and the date of this report any matter or circumstances which has or may significantly affect the operations of the Company, the results of those operations or the state of affairs of the Company in subsequent periods.

Indemnification of Officers and Auditors

The Company entered into agreements to indemnify all Directors and Officers of the Company against all liabilities to persons (other than the Company or a related body corporate), which arise out of the performance of their normal duties as director or executive officer unless the liability relates to conduct involving a lack of good faith. The Company has agreed to indemnify the Directors and Executive Officers against all costs and expenses incurred in defending the action that falls within the scope of the indemnity and any resulting payments.

The Company provided for directors' and officers' liability insurance. The Company provides indemnification against all costs and expenses involved in defending legal actions and any resulting payments arising from a liability to persons (other than the Company or a related body corporate) incurred in their position as director or executive officer unless the conduct involves a wilful breach of duty or an improper use of inside information or position to gain advantage. No indemnity was provided for the auditors.

Environmental Regulations

The Company's operations are not regulated by any significant environmental regulation under a law of the Commonwealth or of a State or Territory.

Likely Developments and Expected Results

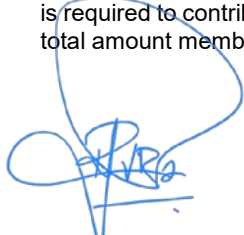
As the Company continues its activities, the financial result for next year will be consistent with 2019. Expenditure will increase as project payments are made towards projects authorised by the Autism CRC Ltd Board.

Proceedings on behalf of the Company

No proceedings have been entered into on behalf of the Company.

Members' Guarantee

The Company is limited by guarantee. If the Company is wound up, the Constitution states that each member is required to contribute a maximum of \$100 towards meeting any outstanding obligations of the Company. The total amount members are liable to contribute is \$1,300.



Robert van Barneveld

Chair

Dated on the 30 September 2019 in Brisbane.

Autism CRC Ltd
ABN 55 162 632 180

Annual Financial Report
For the financial year ended 30 June 2019

**Statements of Profit or Loss and Other
Comprehensive Income**
For the financial year ended 30 June 2019

	Note	Consolidated Entity		Parent Company	
		30 June 2019	30 June 2018	30 June 2019	30 June 2018
		\$	\$	\$	\$
Revenue from continuing operations					
Revenue	4	23,156,454	26,433,148	22,403,068	25,689,875
Other income					
Financing Income	5	46,021	49,871	45,950	49,814
Expenses					
Research costs	6	(19,075,245)	(20,678,925)	(19,075,245)	(20,678,925)
Employee benefits expense	7	(1,637,051)	(1,696,113)	(1,364,352)	(1,459,960)
Board fees and related expense		(252,038)	(266,626)	(252,037)	(266,626)
Depreciation and amortisation expense		(48,375)	(56,616)	(9,887)	(18,996)
Other Expenses	8	(851,080)	(822,985)	(413,344)	(362,431)
Total expenses		<u>(21,863,789)</u>	<u>(23,521,265)</u>	<u>(21,114,865)</u>	<u>(22,786,938)</u>
Profit before tax		<u>1,338,686</u>	<u>2,961,754</u>	<u>1,334,153</u>	<u>2,952,751</u>
Income tax expense	9	(1,677)	-	-	-
Profit after tax		<u>1,337,009</u>	<u>2,961,754</u>	<u>1,334,153</u>	<u>2,952,751</u>
Other comprehensive income		-	-	-	-
Total comprehensive income for the period		<u>1,337,009</u>	<u>2,961,754</u>	<u>1,334,153</u>	<u>2,952,751</u>

The Statement of Comprehensive Income should be read in conjunction with the attached notes

**Statements of Financial Position
 For the financial year ended 30 June 2019**

	Note	Consolidated Entity		Parent Company	
		30 June 2019 \$	30 June 2018 \$	30 June 2019 \$	30 June 2018 \$
Current assets					
Cash and cash equivalents	10a	3,218,501	4,176,635	2,954,974	4,158,788
Trade and other receivables	11	346,451	956,863	386,880	987,151
Prepayments	12	98,896	52,925	98,896	52,925
Provision for Income Tax		650	13,574	-	-
Inventory		90,070	75,803	-	-
Total current assets		3,754,568	5,275,800	3,440,750	5,198,864
Non-current assets					
Property, plant and equipment	13	27,927	29,294	13,955	16,440
Trade and other receivables	11	-	-	76,381	76,381
Investment in wholly owned subsidiary		-	-	462,000	200,000
Formation Costs	14	3	1,463	-	-
Intangible Assets	15	4,079,065	3,109,387	3,733,672	2,758,800
Total non-current assets		4,106,995	3,140,144	4,286,008	3,051,621
Total assets		7,861,563	8,415,944	7,726,758	8,250,485
Current liabilities					
Trade and other payables	16	114,753	366,487	32,444	257,398
Provisions	17	117,379	101,853	104,340	82,085
Deferred revenues	18	2,863,403	4,518,585	2,863,403	4,518,584
Total current liabilities		3,095,535	4,986,925	3,000,187	4,858,067
Total liabilities		3,095,535	4,986,925	3,000,187	4,858,067
Net assets		4,766,028	3,429,019	4,726,571	3,392,418
Equity					
Retained earnings		4,766,028	3,429,019	4,726,571	3,392,418
Total equity		4,766,028	3,429,019	4,726,571	3,392,418

The Statements of Financial Position should be read in conjunction with the attached notes

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Statements of Cash Flows
For the financial year ended 30 June 2019

	Note	Consolidated Entity		Parent Company	
		30 June 2019 \$	30 June 2018 \$	30 June 2019 \$	30 June 2018 \$
Cash flows from operating activities					
Receipt from Commonwealth Government		3,413,999	3,872,001	3,413,999	3,872,001
Receipts from Participants		838,750	860,001	838,750	860,001
Receipts from other sources		3,219,610	2,503,598	2,392,027	1,793,363
Payments to suppliers and employees		(8,107,935)	(6,662,045)	(7,311,181)	(5,946,296)
Interest received		52,344	84,924	52,273	84,867
Net cash (used in)/from by operating activities	10b	<u>(583,232)</u>	<u>658,479</u>	<u>(614,132)</u>	<u>663,936</u>
Cash flows from investing activities					
Payments for property, plant and equipment		(10,111)	(12,487)	(7,401)	(10,440)
Payments for Investments, Inventory and Intellectual Property		(364,791)	123,989	(582,281)	144,480
Net cash (used in)/from investing activities		<u>(374,902)</u>	<u>111,502</u>	<u>(589,682)</u>	<u>134,040</u>
Cash flows from financing activities					
Cash proceeds from members' contributions		-	-	-	-
Net cash provided for financing activities		<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Net (decrease)/increase in cash and cash equivalents		(958,134)	769,981	(1,203,814)	797,976
Opening Cash and cash equivalents		4,176,635	3,406,654	4,158,788	3,360,812
Cash and cash equivalents at 30 June	10a	<u>3,218,501</u>	<u>4,176,635</u>	<u>2,954,974</u>	<u>4,158,788</u>

The Statements of Cash Flows should be read in conjunction with the attached notes

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Statement of Changes in Equity
For the financial year ended 30 June 2019

	Consolidated Entity Total \$	Parent Company Total \$
Balance at 1 July 2017	467,265	439,667
Surplus after income tax expense for the year	2,961,754	2,952,751
Other comprehensive income for the year, net of tax	-	-
Total comprehensive income for the year	<u>2,961,754</u>	<u>2,952,751</u>
Balance at 30 June 2018	<u>3,429,019</u>	<u>3,392,418</u>
Balance at 1 July 2018	3,429,019	3,392,418
Surplus after income tax expense for the year	1,337,009	1,334,153
Other comprehensive income for the year, net of tax	-	-
Total comprehensive income for the year	<u>1,337,009</u>	<u>1,334,153</u>
Balance at 30 June 2019	<u>4,766,028</u>	<u>4,726,571</u>

The Statements of Changes in Equity should be read in conjunction with the attached notes

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Annual Financial Report
For the financial year ended 30 June 2019

Notes to the financial statements For the financial year ended 30 June 2019

Note 1. Introduction

Autism CRC Ltd is a company limited by guarantee incorporated and domiciled in Australia.

Authorisation of financial report

The financial report was approved by resolution of the Board of Directors on **30 September 2019**.

Note 2. Basis of Preparation

In the Directors' opinion, the Company is not a reporting entity as users of the financial report are unlikely to exist who are unable to command the preparation of reports tailored to satisfy their information needs. Therefore, this financial report is a 'special purpose financial report' and has been prepared to meet requirements of the Australian Charities and Not-for-profits Commission Act 2012.

(a) Statement of compliance

The special purpose financial statements have been prepared in accordance with the recognition and measurement requirements specified by the Australian Accounting Standards and Interpretations issued by the Australian Accounting Standards Board and the disclosure requirements of AASB 101 "Presentation of Financial Statements", AASB 107 "Statement of Cash Flows", AASB 108 "Accounting Policies, Changes in Accounting Estimates and Errors", AASB 1048 "Interpretation of Standards" and AASB 1054 "Australian Additional Disclosures". These financial statements do not conform to International Financial Reporting Standards as issued by the International Accounting Standards Board.

(b) Basis of accounting

The financial report has been prepared on an accrual basis, and is based on the historical cost method unless otherwise stated. Accounting policies are selected and applied in a manner which ensures that the resulting financial information satisfies the concepts of relevance and reliability, thereby ensuring that the substance of the underlying transactions or other events is reported. The financial report is presented in Australian dollars and rounded to the nearest dollar.

This is the first set of the Group's financial statements in which AASB 9 *Financial Instruments* have been applied. Changes to significant accounting policies are described in Note 2(d).

(c) Principles of consolidation

The consolidated financial statements incorporate the assets and liabilities of the subsidiary of Autism CRC Ltd ('company' or 'parent entity') as at 30 June 2019 and the results of its subsidiary for the year then ended. Autism CRC Limited and its subsidiary together are referred to in these financial statements as the 'consolidated entity'.

Subsidiaries are all those entities over which the consolidated entity has control. The consolidated entity controls an entity when the consolidated entity is exposed to, or has rights to, variable returns from its involvement with the entity and has the ability to affect those returns through its power to direct the activities of the entity. Subsidiaries are fully consolidated from the date on which control is transferred to the consolidated entity. They are de-consolidated from the date that control ceases.

Intercompany transactions, balances and unrealised gains on transactions between entities in the consolidated entity are eliminated. Unrealised losses are also eliminated unless the transaction provides evidence of the impairment of the asset transferred. Accounting policies of subsidiaries have been changed where necessary to ensure consistency with the policies adopted by the consolidated entity.

The acquisition of subsidiaries is accounted for using the acquisition method of accounting. A change in ownership interest, without the loss of control, is accounted for as an equity transaction, where the difference between the consideration transferred and the book value of the share of the non-controlling interest acquired is recognised directly in equity attributable to the parent.

Notes to the financial statements
For the financial year ended 30 June 2019

Note 2. Summary of accounting policies (continued)
(c) Principles of consolidation (continued)

Non-controlling interest in the results and equity of subsidiaries are shown separately in the statement of comprehensive income, statement of financial position and statement of changes in equity of the consolidated entity. Losses incurred by the consolidated entity are attributed to the non-controlling interest in full, even if that results in a deficit balance.

Where the consolidated entity loses control over a subsidiary, it derecognises the assets including goodwill, liabilities and non-controlling interest in the subsidiary together with any cumulative translation differences recognised in equity. The consolidated entity recognises the fair value of the consideration received and the fair value of any investment retained together with any gain or loss in profit or loss.

Interests in subsidiaries are accounted for at cost, less any impairment, in the parent entity. Dividends received from subsidiaries are recognised as other income by the parent entity and its receipt may be an indicator of an impairment of the investment.

(d) Changes in significant accounting policies

The Group has initially applied AASB 9 from 1 July 2018. A number of other new standards are also effective from 1 July 2018 but they do not have a material effect on the Group's financial statements.

Due to the transition methods chosen by the Group in applying these standards, comparative information throughout these financial statements has not been restated to reflect the requirements of the new standards.

AASB 9 Financial instruments

AASB 9 sets out requirements for recognising and measuring financial assets, financial liabilities and some contracts to buy or sell non-financial items. This standard replaces AASB 139 *Financial Instruments: Recognition and Measurement*.

The following table and the accompanying notes below explain the original measurement categories under AASB 139 and the new measurement categories under AASB 9 for each class of the Group's financial assets and financial liabilities as at 1 July 2018.

	Original classification under AASB 139	New classification under AASB 9	Original carrying value amount under AASB 139	New carrying amount under AASB 9
Cash and cash equivalents	Loans and receivables	Amortised cost	4,176,635	4,176,635
Trade and other receivables	Loans and receivables	Amortised cost	956,863	956,863
Trade and other payables	Loans and payables	Amortised cost	366,487	366,487

Note 3. Significant accounting policies

The following significant accounting policies have been adopted in the preparation and presentation of the financial report. Except for the changes explained in Note 2(d), the Group have consistently applied the following accounting policies to all periods presented in these financial statements.

(a) Foreign currency translation

The financial statements are presented in Australian dollars, which is Autism CRC Ltd's functional and presentation currency.

(b) Current and non-current classification

Assets and liabilities are presented in the statements of financial position based on current and non-current classification.

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Notes to the financial statements
For the financial year ended 30 June 2019

Note 3. Significant accounting policies (continued)
(b) Current and non-current classification (continued)

An asset is classified as current when: it is either expected to be realised or intended to be sold or consumed in normal operating cycle; it is held primarily for the purpose of trading; it is expected to be realised within 12 months after the reporting period; or the asset is cash or cash equivalent unless restricted from being exchanged or used to settle a liability for at least 12 months after the reporting period. All other assets are classified as non-current.

A liability is classified as current when: it is either expected to be settled in normal operating cycle; it is held primarily for the purpose of trading; it is due to be settled within 12 months after the reporting period; or there is no unconditional right to defer the settlement of the liability for at least 12 months after the reporting period. All other liabilities are classified as non-current.

Deferred tax assets and liabilities are always classified as non-current.

(c) Cash and cash equivalents

Cash and cash equivalents comprise cash on hand and at bank with original maturity of three months or less.

(d) Employee Benefits

Provision is made for benefits accruing to employees in respect of wages and salaries, annual leave and long service leave when it is probable that settlement will be required and they are capable of being measured reliably.

Provisions made in respect of employee benefits expected to be settled within 12 months, are measured at their nominal values using the remuneration rate expected to apply at the time of settlement.

Provisions made in respect of employee benefits which are not expected to be settled within 12 months are measured at the present value of the estimated future cash outflows to be made by the Group in respect of services provided by employees up to reporting date.

(e) Receivables

Receivables are carried at nominal amounts due less any provision for doubtful debts and are non-interest bearing. A provision for doubtful debts is recognised when collection of the full amount is no longer probable.

(f) Property, plant and equipment

Plant and equipment is stated at historical cost less accumulated depreciation and impairment. Historical cost includes expenditure that is directly attributable to the acquisition of the items.

Depreciation is calculated on either a straight-line or diminishing value basis to write off the net cost of each item of property, plant and equipment (excluding land) over their expected useful lives as follows:

Plant and equipment	3-8 years
Leasehold improvements	15 years

The residual values, useful lives and depreciation methods are reviewed, and adjusted if appropriate, at each reporting date.

An item of property, plant and equipment is derecognised upon disposal or when there is no future economic benefit to the Group. Gains and losses between the carrying amount and the disposal proceeds are taken to profit or loss.

Notes to the financial statements
For the financial year ended 30 June 2019

Note 3. Summary of accounting policies (continued)

(g) Goods and services tax

Revenues, expenses and assets are recognised net of the amount of goods and services tax (GST) except:

- (i) where the amount of GST incurred is not recoverable from the taxation authority, it is recognised as part of the cost of acquisition of an asset or as part of an item of expense; or
- (ii) for receivables and payables which are recognised inclusive of GST.

The net amount of GST recoverable from, or payable to, the taxation authority is included as part of receivables or payables.

Cash flows are included in the statements of cash flows inclusive of GST.

(h) Income Tax

The Company has been endorsed by the Australian Tax Office as income tax exempt under Subsection 50-5 of the Income Tax Assessment Act 1997 as a not-for-profit entity.

A 100% owned subsidiary of Autism CRC Ltd, Social Skills Training Pty Ltd, has been established and is regarded as a taxable, for-profit entity.

The income tax expense or benefit for the period is the tax payable on that period's taxable income based on the applicable income tax rate for each jurisdiction, adjusted by the changes in deferred tax assets and liabilities attributable to temporary differences, unused tax losses and the adjustment recognised for prior periods, where applicable.

Deferred tax assets and liabilities are recognised for temporary differences at the tax rates expected to be applied when the assets are recovered or liabilities are settled, based on those tax rates that are enacted or substantively enacted, except for:

- When the deferred income tax asset or liability arises from the initial recognition of goodwill or an asset or liability in a transaction that is not a business combination and that, at the time of the transaction, affects neither the accounting nor taxable profits; or
- When the taxable temporary difference is associated with interests in subsidiaries, associates or joint ventures, and the timing of the reversal can be controlled and it is probable that the temporary difference will not reverse in the foreseeable future.

Deferred tax assets are recognised for deductible temporary differences and unused tax losses only if it is probable that future taxable amounts will be available to utilise those temporary differences and losses.

The carrying amount of recognised and unrecognised deferred tax assets are reviewed at each reporting date. Deferred tax assets recognised are reduced to the extent that it is no longer probable that future taxable profits will be available for the carrying amount to be recovered.

Previously unrecognised deferred tax assets are recognised to the extent that it is probable that there are future taxable profits available to recover the asset.

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Notes to the financial statements
For the financial year ended 30 June 2019

Note 3. Summary of accounting policies (continued)
(h) Income Tax (continued)

Deferred tax assets and liabilities are offset only where there is a legally enforceable right to offset current tax assets against current tax liabilities and deferred tax assets against deferred tax liabilities; and they relate to the same taxable authority on either the same taxable entity or different taxable entities which intend to settle simultaneously.

(i) Payables

These amounts represent liabilities for goods and services provided to the Group prior to the end of the financial year and which are unpaid. Due to their short-term nature they are measured at amortised cost and are not discounted. The amounts are unsecured and are usually paid within 30 days of recognition.

(j) Research and Development

Expenditure on research activities is recognised in profit or loss as incurred.

Development expenditure is capitalised only if development costs can be measured reliably, the product or process is technically and commercially feasible, future economic benefits are probable, and the entity intends to and has sufficient resources to complete development and to use or sell the asset. Otherwise it is recognised in profit or loss as incurred. Subsequent to initial recognition, development expenditure is measured at cost less accumulated amortisation and any accumulated impairment losses.

(k) Revenue recognition

Interest revenue

Interest revenue is recognised on a time proportionate basis that takes into account the effective yield on the financial asset.

Cash Contributions

Cash contributions from members and participants are recognised when the entity is in control of or has the right to receive the contributions.

Government grants

Government grants received on the condition requiring specified services delivered or conditions fulfilled are considered reciprocal. Such grants are initially recognised as deferred income and then subsequently recognised in the periods necessary to match them with related costs and the fulfilment of services delivered or conditions fulfilled.

Government grants of a non-reciprocal nature are recognised when the Group obtains control of the funds.

Donations

Donations are recognised at the time the pledge is made.

Other revenue

Other revenue is recognised when it is received or when the right to receive payment is established.

(l) In-kind contributions

In-kind contributions as reported from Participants are brought to account as revenue and expenditure. In-kind contributions are measured at fair value based on reported in-kind consistent with the valuation principles agreed to in the terms of Autism CRC Participants' Agreements. The types of in-kind expenditure recorded by the Group mainly include staffing costs and direct research expenditure. This expenditure was incurred by Participants in conducting research and other CRC activities on behalf of the Group.

Notes to the financial statements
For the financial year ended 30 June 2019

Note 3. Summary of accounting policies (continued)

(m) Critical Accounting Estimates & Judgements

In the application of the Group's accounting policies, management is required to make judgements, estimates and assumptions about carrying values of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and various other factors that are believed to be reasonable under the circumstances, the results of which form the basis of the judgements. Actual results may differ from these estimates. The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised if the revision affects only that period or in the period of the revision and future periods if the revision affects both current and future periods.

The judgements, estimates and assumptions that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities (refer to the respective notes) within the next financial year are discussed below.

Estimation of useful lives of assets

The Entity determines the estimated useful lives and related depreciation and amortisation charges for its property, plant and equipment and finite life intangible assets. The useful lives could change significantly as a result of technical innovations or some other event. The depreciation and amortisation charge will increase where the useful lives are less than previously estimated lives, or technically obsolete or non-strategic assets that have been abandoned or sold will be written off or written down. Acquired intangible assets have not been amortised in the 2018 financial year. Formation Costs and internally generated intellectual property have been amortised over a five year useful life. An assessment of the Australian Autism Biobank will be made at each reporting date.

(n) Financial Instruments

(i) Non-derivative financial assets and financial liabilities – recognition and derecognition

The Group initially recognises loans and receivables issued on the date that they are originated. All other financial assets and financial liabilities are recognised initially on the trade date.

The Group derecognises a financial asset when the contractual rights to the cash flows from the asset expire. Any interest in such transferred financial assets that is created or retained by the Group is recognised as a separate asset or liability.

The Group derecognises a financial liability when its contractual obligations are discharged or cancelled, or expire.

Financial assets and financial liabilities are offset and the net amount presented in the statement of financial position when, and only when, the Group has a legal right to offset the amounts and intends either to settle them on a net basis or to realise the asset and settle the liability simultaneously.

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Notes to the financial statements
For the financial year ended 30 June 2019

Note 3. Summary of accounting policies (continued)

(ii) Non-derivative financial assets – measurement

Financial assets

On initial recognition, the Group's financial assets is classified as amortised cost on the basis that both of the following conditions are met:

- it is held within a business model whose objective is to hold assets to collect contractual cash flows; and
- its contractual terms give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

Financial assets – subsequent measurement and gains and losses

These assets are subsequently measured at amortised cost using the effective interest method. The amortised cost is reduced by impairment losses. Interest income, foreign exchange gains and losses and impairment are recognised in profit or loss. Any gain or loss on derecognition is recognised in profit or loss.

(o) Impairment

(i) Non-derivative financial assets

Financial instruments

The Group recognises loss allowances for expected credit losses (ECLs) on financial assets measured at amortised cost.

Loss allowances are always measured at an amount equal to lifetime ECLs.

When determining whether the credit risk of a financial asset has increased significantly since initial recognition and when estimating ECLs, the Group considers reasonable and supportable information that is relevant and available without undue cost or effort. This includes both quantitative and qualitative information and analysis, based on the Group's historical experience and informed credit assessment and including forward-looking information.

The Group assumes that the credit risk on a financial asset has increased significantly if it is more than 30 days past due.

The Group considers a financial asset to be in default when the borrower is unlikely to pay its credit obligations to the Group in full, without recourse by the Group to actions such as realising security (if any is held).

Lifetime ECLs are the ECLs that result from all possible default events over the expected life of a financial instrument.

The maximum period considered when estimating ECLs is the maximum contractual period over which the Group is exposed to credit risk.

Notes to the financial statements
For the financial year ended 30 June 2019

Note 3. Summary of accounting policies (continued)

(o) Impairment (continued)

(i) Non-derivative financial assets (continued)

Measurement of ECLs

ECLs are a probability-weighted estimate of credit losses. Credit losses are measured as the present value of all cash shortfalls (i.e. the difference between the cash flows due to the entity in accordance with the contract and the cash flows that the Group expects to receive).

ECLs are discounted at the effective interest rate of the financial asset.

Presentation of allowance for ECL in the statement of financial position

Loss allowances for financial assets measured at amortised cost are deducted from the gross carrying amount of the assets.

Write-off

The gross carrying amount of a financial asset is written off when the Group has no reasonable expectations of recovering a financial asset in its entirety or a portion thereof. For corporate customers, the Group individually makes an assessment with respect to the timing and amount of write-off based on whether there is a reasonable expectation of recovery. The Group expects no significant recovery from the amount written off. However, financial assets that are written off could still be subject to enforcement activities in order to comply with the Group's procedures for recovery of amounts due.

(ii) Non-financial assets

Impairment of non-financial assets other than goodwill and other indefinite life intangible assets

The Group assesses impairment of non-financial assets, other than goodwill and other indefinite life intangible assets, at each reporting date by evaluating conditions specific to the Group and to the particular asset that may lead to impairment. If an impairment trigger exists, the recoverable amount of the asset is determined. This involves fair value less costs of disposal or value-in-use calculations, which incorporate a number of key estimates and assumptions.

(p) New standards and interpretations not yet adopted

AASB 15 Revenue from Contracts with Customers

AASB 15 establishes a comprehensive framework for determining whether, how much and when revenue is recognised. It replaces existing revenue recognition guidance, including AASB 118 *Revenue*, AASB 111 *Construction Contracts* and Interpretation 13 *Customer Loyalty Programmes*.

AASB 15 for Not-for-Profit entities is effective for annual reporting periods beginning on or after 1 January 2019. The Group currently plans to apply AASB 15 initially on 1 July 2019. The Group has not commenced a detailed assessment of the potential impact of the adoption of AASB 15 on its financial statements.

AASB 1058 Income of Not-for-Profit Entities

AASB 1058 clarifies and simplifies the income recognition requirements that apply to not-to-profit (NFP) entities, in conjunction with AASB 15 *Revenue from Contracts with Customers*. These Standards supersede all the income recognition requirements relating to private sector NFP entities, and the majority of income recognition requirements relating to public sector NFP entities, previously in AASB 1004 *Contributions*.

Under AASB 1058, the timing of income recognition depends on whether a NFP transaction gives rise to a liability or other performance obligation (a promise to transfer a good or service), or a contribution by owners, related to an asset (such as cash or another asset) received by an entity.

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Notes to the financial statements
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Note 3. Summary of accounting policies (continued)
(o) New standards and interpretations not yet adopted (continued)
AASB 1058 Income of Not-for-Profit Entities (continued)

This standard applies when a NFP entity enters into transactions where the consideration to acquire an asset is significantly less than the fair value of the asset principally to enable the entity to further its objectives. In the latter case, the entity will recognise and measure the asset at fair value in accordance with the applicable Australian Accounting Standard (e.g. AASB 116 *Property, Plant and Equipment*).

The Group is yet to undertake a detailed assessment of the impact of AASB 1058.

AASB 16 Leases

AASB 16 introduces a single, on-balance sheet lease accounting model for lessees. A lessee recognises a right-of-use asset representing its right to use the underlying asset and a lease liability representing its obligation to make lease payments. There are optional exemptions for short-term leases and leases of low-value items. Lessor accounting remains similar to the current standard — i.e. lessors continue to classify leases as finance or operating leases.

The standard is effective for annual periods beginning on or after 1 January 2019.

The Group has not started an initial assessment of the potential impact on its financial statements.

Transition

As a lessee, the Group can either apply the standard using a:

- retrospective approach; or
- modified retrospective approach with optional practical expedients.

The lessee applies the election consistently to all of its leases. The Group currently plans to apply AASB 16 initially on 1 July 2019. The Group has not yet determined which transition approach to apply.

The Group has not yet quantified the impact on its reported assets and liabilities of the adoption of AASB 16. The quantitative effect will depend on, inter alia, the transition method chosen, the extent to which the Group uses the practical expedients and recognition exemptions, and any additional leases that the Group enters into. The Group expects to disclose its transition approach and quantitative information before adoption.

	Consolidated Entity		Parent Company	
	30 June 2019 \$	30 June 2018 \$	30 June 2019 \$	30 June 2018 \$
Note 4. Revenue				
Commonwealth Government - CRC Program Grant	4,380,156	4,371,411	4,380,156	4,371,411
Participant Cash Contribution	862,500	877,500	862,500	877,500
Participant In-Kind Contribution	15,218,903	19,531,639	15,218,903	19,531,639
Non-CA Research Income	1,397,701	370,126	1,397,701	370,126
Other Income	1,297,194	1,282,472	543,808	539,199
	<u>23,156,454</u>	<u>26,433,148</u>	<u>22,403,068</u>	<u>25,689,875</u>
Note 5. Financing Income				
Interest Received	46,021	49,871	45,950	49,814
	<u>46,021</u>	<u>49,871</u>	<u>45,950</u>	<u>49,814</u>

	Consolidated Entity		Parent Company	
	30 June 2019 \$	30 June 2018 \$	30 June 2019 \$	30 June 2018 \$
Note 6. Research Costs				
Research Expenditure - Cash	3,333,717	2,930,440	3,333,717	2,930,440
Research Expenditure - in-kind	14,564,312	17,378,359	14,564,312	17,378,359
Non-CRC Research Expenditure - Cash	1,177,216	370,126	1,177,216	370,126
	<u>19,075,245</u>	<u>20,678,925</u>	<u>19,075,245</u>	<u>20,678,925</u>
Note 7. Employee Expenses				
WorkCover	9,159	13,181	6,110	9,372
Salary & Wages	1,464,069	1,502,240	1,210,495	1,298,219
Superannuation	148,297	136,842	125,490	117,849
Increase / (Decrease) Accrued Leave	15,526	43,850	22,257	34,520
	<u>1,637,051</u>	<u>1,696,113</u>	<u>1,364,352</u>	<u>1,459,960</u>
Note 8. Other Expenses				
Audit Fees	35,137	25,095	35,137	25,095
Cost of Goods Sold	307,760	317,457	-	-
External Support	90,059	104,740	56,728	87,532
General & Administrative	147,245	91,383	93,412	30,814
Gift Fund Expense	36,864	21,802	36,864	21,802
Insurance	15,714	15,266	15,714	13,766
IT Support	82,213	136,975	76,993	108,498
Legal	4,392	4,143	3,157	2,843
Travel	131,696	106,124	95,339	72,081
	<u>851,080</u>	<u>822,985</u>	<u>413,344</u>	<u>362,431</u>
Note 9. Income Tax Expense				
Surplus before income tax	1,338,686	2,961,754	1,334,153	2,952,751
Income tax using domestic tax rate of 30%	401,606	888,526	400,246	885,825
Add/(less) adjustments for				
Tax exempt income	(400,246)	(885,825)	(400,246)	(885,825)
Other Deductible items				
Other non-deductible/(non-assessable) items	(1,360)	(2,701)	-	-
Prior period tax provision adjustment	1,677	-	-	-
Income Tax Expense	<u>1,677</u>	<u>-</u>	<u>-</u>	<u>-</u>

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Consolidated Entity		Parent Company	
30 June	30 June	30 June	30 June
2019	2018	2019	2018
\$	\$	\$	\$

Note 10. Notes to the cash flow statement

(a) Reconciliation of Cash

For the purposes of the cash flows statement, cash and cash equivalents includes cash on hand and in banks and deposits at call. At 30 June 2019 includes \$2,392,698 (2018: \$3,358,855) Commonwealth funding deferred against contracted future expenditure. Cash and cash equivalents at the end of the financial year as shown in the cash flow statement is reconciled to the related items in statements of financial position as follows:

Cash on hand	8	38	8	38
Cash at bank	636,627	345,878	373,100	328,031
Short term bank deposits	2,581,866	3,830,719	2,581,866	3,830,719
Total cash and cash equivalents	3,218,501	4,176,635	2,954,974	4,158,788

(b) Reconciliation of profit for the period to net cash flows from operating activities

Profit for the period	1,337,009	2,961,754	1,334,153	2,952,751
Add:				
Depreciation and amortization expenses	48,375	56,616	9,887	18,996
<i>(Increase)/decrease in assets</i>				
Trade and other receivables	610,412	(766,290)	600,271	(674,274)
Capitalised in-kind contributions	(654,591)	(2,153,280)	(654,591)	(2,153,280)
Prepayments	(45,971)	7,679	(45,971)	7,679
<i>Increase/(decrease) in liabilities</i>				
Trade creditors and other liabilities	(251,734)	83,871	(224,954)	45,949
Unearned income	(1,655,182)	435,483	(1,655,182)	435,483
Provisions for employee benefit & income tax	28,450	32,646	22,255	30,632
Net cash (used in)/from operating activities	(583,232)	658,479	(614,132)	663,936

Note 11. Trade and Other receivables

Current

Trade Receivables	343,796	947,299	273,708	871,918
Accrued Income	-	6,324	-	6,323
Other Receivables	2,655	3,240	113,172	108,910
	346,451	956,863	386,880	987,151

Non-Current

Other Receivables: Non-Current	-	-	76,381	76,381
	-	-	76,381	76,381

	Consolidated Entity		Parent Company	
	30 June 2019 \$	30 June 2018 \$	30 June 2019 \$	30 June 2018 \$
Note 12. Prepayments				
Prepayments	98,896	52,925	98,896	52,925
	<u>98,896</u>	<u>52,925</u>	<u>98,896</u>	<u>52,925</u>
Note 13. Property, plant and equipment				
Plant & Equipment	124,984	114,873	109,031	101,629
Less: Accumulated Depreciation	(107,277)	(96,529)	(95,076)	(85,189)
Leasehold Improvements	12,303	12,303	-	-
Less: Accumulated Depreciation (Leasehold)	(2,083)	(1,353)	-	-
	<u>27,927</u>	<u>29,294</u>	<u>13,955</u>	<u>16,440</u>
Note 14. Formation Costs & Intellectual Property				
Formation Costs	7,308	7,308	-	-
Less: Accumulated Amortisation	(7,305)	(5,845)	-	-
	<u>3</u>	<u>1,463</u>	<u>-</u>	<u>-</u>
Note 15. Intangible Assets				
Intellectual Property	420,077	395,676	-	-
Less: Accumulated Amortisation	(79,684)	(45,089)	-	-
	<u>345,393</u>	<u>350,587</u>	<u>-</u>	<u>-</u>
Australian Autism Biobank	3,733,672	2,758,800	3,733,672	2,758,800
Less: accumulated amortisation	-	-	-	-
	<u>3,733,672</u>	<u>2,758,800</u>	<u>3,733,672</u>	<u>2,758,800</u>
Total Cost	4,158,749	3,154,476	3,733,672	2,758,800
Less: accumulated amortisation	(79,684)	(45,089)	-	-
	<u>4,079,065</u>	<u>3,109,387</u>	<u>3,733,672</u>	<u>2,758,800</u>
<p>Since June 2014 the Group has been undertaking research to create The Australian Autism Biobank (AA Biobank). Costs incurred in the research phase of the AA Biobank have been expensed as the criteria for recognition of the internally-generated intangible asset had not been met.</p> <p>From 1 July 2017 the Group was able to demonstrate the criteria required to support that the AA Biobank project had reached the development phase, and has capitalised the associated development costs from that point. Development costs capitalised during the year ended 30 June 2018 totalled \$2,758,800, and for the year ending 30 June 2019 totalled \$974,872.</p> <p>Taking into consideration factors including current access pricing, on a cost recovery basis, for bio specimens, and the uniqueness of the AA Biobank data set, the Directors believe that the AA Biobank has a significantly higher value than the amount capitalised to 30 June 2019, and have estimated a value to the Group exceeding \$6,000,000</p>				
Note 16. Trade and other payables				
Trade Payables	-	77,908	-	12,499
Other Payables	59,217	29,514	540	405
Accrued Expenses	48,782	92,919	33,950	78,991
GST payable/(receivable)	6,754	166,146	(2,046)	165,503
	<u>114,753</u>	<u>366,487</u>	<u>32,444</u>	<u>257,398</u>

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For the financial year ended 30 June 2019

	Consolidated Group		Parent Company	
	30 June 2019 \$	30 June 2018 \$	30 June 2019 \$	30 June 2018 \$
Note 17. Provisions				
Employee Entitlements – annual leave	117,379	101,853	104,340	82,085
	<u>117,379</u>	<u>101,853</u>	<u>104,340</u>	<u>82,085</u>
Note 18. Deferred Revenues				
Commonwealth Government CRC program grant	2,392,698	3,358,855	2,392,698	3,358,854
Other Government grants	105,163	835,030	105,163	835,030
Other Deferred Revenue	365,542	324,700	365,542	324,700
	<u>2,863,403</u>	<u>4,518,585</u>	<u>2,863,403</u>	<u>4,518,584</u>
Note 19. Remuneration of Auditors				
During the financial year the following fees were paid or payable for services provided by the auditor of the Group:				
BDO Audit Pty Ltd	3,752	25,095	3,752	25,095
KPMG	31,385	-	31,385	-
Audit Services	<u>35,137</u>	<u>25,095</u>	<u>35,137</u>	<u>25,095</u>

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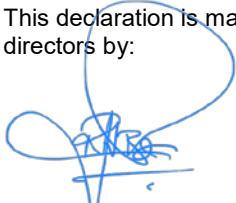
Annual Financial Report
For the financial year ended 30 June 2019

Directors Declaration

In the opinion of the directors of Autism CRC Ltd (the Company):

- (a) the Company is not publicly accountable nor a reporting entity;
- (b) the financial statements and notes, set out on pages 9 to 25, are in accordance with the Australian Charities and Not-for-profits Commission Act, including:
 - (i) giving a true and fair view of the financial position of the Company and the Group as at 30 June 2019 and of their performance, as represented by the results of their operations for the financial year ended on that date in accordance with the statement of compliance and basis of preparation described in Note 2; and
 - (ii) complying with Australian Accounting Standards (including the Australian Accounting Interpretations) to the extent described in Notes 2 and 3, and the Australian Charities and Not-for-profits Commission Regulation 2013; and
- (c) there are reasonable grounds to believe that the Company and the Group will be able to pay their debts as and when they become due and payable.

This declaration is made in accordance with a resolution of the Board of Directors and is signed for and on behalf of the directors by:



Robert van Barneveld
Chair

Dated on the 30 of September 2019 in Brisbane



Independent Auditor's Report

To the members of Autism CRC Ltd

Opinion

We have audited the **Financial Report**, of the Autism CRC Ltd (the Company).

In our opinion, the accompanying **Financial Report** of the Company is in accordance with Division 60 of the *Australian Charities and Not-for-profits Commission (ACNC) Act 2012*, including:

- i. giving a true and fair view of the Company's and Group's financial position as at 30 June 2019, and of their financial performance and their cash flows for the year ended on that date; and
- ii. complying with *Australian Accounting Standards* to the extent described in Notes 2 and 3 and Division 60 of the *Australian Charities and Not-for-profits Commission Regulation 2013*.

The **Financial Report** comprises:

- i. Statements of financial position as at 30 June 2019.
- ii. Statements of profit or loss and other comprehensive income, Statements of changes in equity, and Statements of cash flows for the year then ended.
- iii. Notes including a summary of significant accounting policies.
- iv. Directors' declaration.

The Group consists of the Company and the entities it controlled at the year end or from time to time during the financial year.

Basis for opinion

We conducted our audit in accordance with *Australian Auditing Standards*. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Our responsibilities under those standards are further described in the *Auditor's responsibilities for the audit of the Financial Report* section of our report.

We are independent of the Group in accordance with the auditor independence requirements of the *ACNC Act 2012* and the ethical requirements of the Accounting Professional and Ethical Standards Board's *APES 110 Code of Ethics for Professional Accountants* (the Code) that are relevant to our audit of the Financial Report in Australia. We have fulfilled our other ethical responsibilities in accordance with the Code.

We confirm that the independence declaration required by the *ACNC Act 2012*, which has been given to the Directors of the Company on 30 September 2019, would be in the same terms if given to the Directors as at the time of this Auditor's Report.



Emphasis of matter – basis of preparation and restriction on use

We draw attention to Note 2 to the Financial Report, which describes the basis of preparation.

The Financial Report has been prepared for the purpose of fulfilling the Directors' financial reporting responsibilities under the *ACNC Act 2012*. As a result, the Financial Report and this Auditor's Report may not be suitable for another purpose. Our opinion is not modified in respect of this matter.

Our report is intended solely for the members of the Company and ACNC and should not be used by any other party. We disclaim any assumption of responsibility for any reliance on this Auditor's Report, or on the Financial Report to which it relates to any person other than the members of the Company and ACNC.

Other information

Other Information is financial and non-financial information in Autism CRC Ltd's annual reporting which is provided in addition to the Financial Report and the Auditor's Report. The Directors are responsible for the Other Information.

The Other Information we obtained prior to the date of this Auditor's Report was the Directors' Report.

Our opinion on the Financial Report does not cover the Other Information and, accordingly, we do not express any form of assurance conclusion thereon.

In connection with our audit of the Financial Report, our responsibility is to read the Other Information. In doing so, we consider whether the Other Information is materially inconsistent with the Financial Report or our knowledge obtained in the audit, or otherwise appears to be materially misstated.

We are required to report if we conclude that there is a material misstatement of this Other Information, and based on the work we have performed on the Other Information that we obtained prior to the date of this Auditor's Report we have nothing to report.

Responsibilities of the Directors for the Financial Report

The Directors are responsible for:

- i. Preparing the Financial Report that gives a true and fair view in accordance with Australian Accounting Standards and the ACNC.
- ii. Determining that the basis of preparation described in Notes 2 and 3 to the Financial Report is appropriate to meet the requirements of the ACNC. The basis of preparation is also appropriate to meet the needs of the members.
- iii. Implementing necessary internal control to enable the preparation of a Financial Report that gives a true and fair view and is free from material misstatement, whether due to fraud or error.
- iv. Assessing the Group and Company's ability to continue as a going concern and whether the use of the going concern basis of accounting is appropriate. This includes disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless they either intend to liquidate the Group and Company or to cease operations, or have no realistic alternative but to do so.



Auditor's responsibilities for the audit of the Financial Report

Our objective is:

- i. to obtain reasonable assurance about whether the Financial Report as a whole is free from material misstatement, whether due to fraud or error; and
- ii. to issue an Auditor's Report that includes our opinion.

Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with *Australian Auditing Standards* will always detect a material misstatement when it exists.

Misstatements can arise from fraud or error. They are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of this Financial Report.

As part of an audit in accordance with *Australian Auditing Standards*, we exercise professional judgement and maintain professional scepticism throughout the audit.

We also:

- i. Identify and assess the risks of material misstatement of the Financial Report, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- ii. Obtain an understanding of internal control relevant to the Audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the registered Group's internal control.
- iii. Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the Directors.
- iv. Conclude on the appropriateness of the Directors' use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the registered Group and Company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our Auditor's Report to the related disclosures in the Financial Report or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our Auditor's Report. However, future events or conditions may cause the registered Group and Company to cease to continue as a going concern.
- v. Evaluate the overall presentation, structure and content of the Financial Report, including the disclosures, and whether the Financial Report represents the underlying transactions and events in a manner that achieves fair presentation.



We communicate with the Directors of the registered Company regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

A small, stylized signature of the KPMG logo.

KPMG

A handwritten signature in black ink, appearing to read 'M L Gray'.

M L Gray
Partner

Brisbane
3 October 2019



Auditor's Independence Declaration under subdivision 60-C section 60-40 of Australian Charities and Not-for-profits Commission Act 2012

To: the directors of Autism CRC Ltd

I declare that, to the best of my knowledge and belief, in relation to the audit for the financial year ended 30 June 2019 there have been:

- i. no contraventions of the auditor independence requirements as set out in the Australian Charities and Not-for-profits Commission Act 2012 in relation to the audit; and
- ii. no contraventions of any applicable code of professional conduct in relation to the audit.

A small, stylized version of the KPMG logo, consisting of the letters 'KPMG' in a blue, sans-serif font.

KPMG

A handwritten signature in black ink, appearing to read 'M L Gray'.

M L Gray
Partner

Brisbane
30 September 2019

Appendix 3: Publications 2018-19

Program 1

Alvares, G.A., Bebbington, K., Cleary, D.B., Evans, K.L., Glasson, E.J., Maybery, M.T., Pillar, S., Uljarević, M., Varcin, K.J., Wray, J. & Whitehouse, A.J.O. (2019). The misnomer of 'high functioning autism': IQ is a weak predictor of functional abilities at the time of diagnosis of Autism Spectrum Disorder. *Autism*, early online. doi: 10.1177/1362361319852831

Alvares, G.A., Dawson, P.A., Dissanayake, C., Eapen, V., Gratten, J., Grove, R., Henders, A., Heussler, H., Lawson, L.P., Masi, A., Raymond, E., Rose, F., Wallace, L., Wray, N.R., Whitehouse, A.J.O. & the Australian Autism Biobank team (2018). Study protocol for the Australian autism biobank: an international resource to advance autism discovery research. *BMC Pediatrics*, 18(1), 284. doi: 10.1186/s12887-018-1255-z

Boutrus, M., Gilani, S., Alvares, G.A., Maybery, M.T., Tan, D.W., Mian, A. & Whitehouse, A.J.O. (2019). Increased facial asymmetry in autism spectrum conditions is associated with symptom presentation. *Autism Research*, early online. doi: 10.1002/aur.2161

Mazzoni, A., Grove, R., Eapen, V., Lenroot, R. & Bruggemann, J. (2018). The promise of Functional Near-Infrared Spectroscopy in autism research: what do we know and where do we go? *Social Neuroscience*, 1-14, early online. doi: 10.1080/17470919.2018.1497701

Tye, C., Runicles, A.K., Whitehouse, A.J.O. & Alvares, G.A. (2019). Characterizing the interplay between Autism Spectrum Disorder and comorbid medical conditions: An integrative review. *Frontiers in Psychiatry*, 9, 751. doi: 10.3389/fpsy.2018.00751

Zheng, L., Grove, R. & Eapen, V. (2018). Spectrum or subtypes? A latent profile analysis of restricted and repetitive behaviours in autism. *Research in Autism Spectrum Disorders*, 57(1), 46-54. doi: 10.1016/j.rasd.2018.10.003

Program 2

Adams, D., Simpson, K. & Keen, D. (2018). School-related anxiety symptomatology in a community sample of primary-school-aged children on the autism spectrum. *Journal of School Psychology*, 70, 64-73. doi: 10.1016/j.jsp.2018.07.003

Adams, D., Young, K., Simpson, K. & Keen, D. (2018). Parent descriptions of the presentation and management of anxiousness in children on the autism spectrum. *Autism*, early online. doi: 10.1177/1362361318794031

Beaumont, R., Hinton, S. & Sofronoff, K. (2018). The Secret Agent Society - Whole of Class (WOC) Project: Upskilling teachers in the delivery of a gaming-based social skills program for youth. In D. Mentor (ed.), *Computer Mediated Learning for Workforce Development*, 22-40. Hershey: IGI Global. ISBN: 9781522541110

den Houting, J., Adams, D., Roberts, J. & Keen, D. (2018). An exploration of autism-specific and non-autism-specific measures of anxiety symptomatology in school-aged autistic children. *Clinical Psychologist*, early online. doi: 10.1111/cp.12174

Saggers, B., Tones, M., Dunne, J., Trembath, D., Bruck, S., Webster, A., Klug, D. & Wang, S.S. (2019). Promoting a collective voice from parents, educators and allied health professionals on the educational needs of students on the autism spectrum. *Journal of Autism and Developmental Disorders*, early online, 1-21. doi: 10.1007/s10803-019-04097-8

Saggers, B., Tones, M., Dunne, J. & Aberdein, R. (2019). Tele-classroom consultation: promoting an inclusive approach to supporting the needs of educators, families and early years learners on the autism spectrum in rural and remote areas in contextually responsive ways. *International Journal of Inclusive Education*, early online. doi: 10.1080/13603116.2019.1609103

Shochet, I.M., Saggers, B.R., Carrington, S.B., Orr, J.A., Wurfl, A.M. & Duncan, B.M. (2019). A strength-focused parenting intervention may be a valuable augmentation to a depression prevention focus for adolescents with autism. *Journal of Autism and Developmental Disorders*, 49(5), 2080-2100. doi: 10.1007/s10803-019-03893-6

Westerveld, M.F., Paynter, J., O'Leary, K. & Trembath, D. (In press). Preschool predictors of reading ability in the first year of schooling in children with ASD. *Autism Research*, 11(10), 1332-1344. doi: 10.1002/aur.1999

Wilson, C., Ploderer, B., Sitbon, L. & Brereton, M. (2019). Co-design beyond words: 'Moments of interaction' with minimally-verbal children on the autism spectrum. *Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems*, Paper 21. doi: 10.1145/3290605.3300251

Wilson, W.J., Downing, C., Perrykkad, K., Armstrong, R., Arnott, W.L., Ashburner, J. & Harper-Hill, K. (Submitted). The 'acoustic health' of primary school classrooms in Brisbane, Australia. *Speech, Language and Hearing*, early online. doi: 10.1080/2050571X.2019.1637042.

Program 3

Arnold, S.R.C., Uljarević, M., Hwang, Y.I., Richdale, A.L., Trollor, J.N. & Lawson, L.P. (2019). Brief report: Psychometric properties of the Patient Health Questionnaire-9 (PHQ-9) in autistic adults. *Journal of Autism and Developmental Disorders*, early online. doi: 10.1007/s10803-019-03947-9

Black, M.H., Almabruk, T., Albrecht, M.A., Chen, N.T.M., Lipp, O.V., Bölte, S., Tan, T. & Girdler, S.J. (2018). Altered connectivity in autistic adults during complex facial emotion recognition: A study of EEG imaginary coherence. *Conference proceedings: Annual International Conference of the IEEE Engineering in Medicine and Biology Society*. 2752-2755. doi: 10.1109/EMBC.2018.8512802

Black, M.H., Chen, N.T.M., Lipp, O.V., Bölte, S. & Girdler, S.J. (2019). Complex facial emotion recognition and atypical gaze patterns in adults with autism. *Autism*, early online. doi: 10.1177/1362361319856969

Bradshaw, P., Pellicano, E., van Driel, M. & Urbanowicz, A. (2019). How can we support the healthcare needs of autistic adults without intellectual disability? *Current Developmental Disorders Reports*, 6(2), 45-56. doi: 10.1007/s40474-019-00159-9

Cai, R.Y., Richdale, A.L., Dissanayake, C. & Uljarević, M. (2019). Resting heart rate variability, emotion regulation, psychological wellbeing and autism symptomatology in adults with and without autism. *International Journal of Psychophysiology*, 137, 54-62. doi: 10.1016/j.ijpsycho.2018.12.010

Cai, R.Y., Richdale, A.L., Dissanayake, C. & Uljarević, M. How does emotion regulation strategy use and psychological wellbeing predict mood in adults with and without Autism Spectrum Disorder? A naturalistic assessment. *Journal of Autism and Developmental Disorders*, early online. doi: 10.1007/s10803-019-03934-0

Cai, R.Y., Richdale, A.L., Uljarevic, M., Dissanayake, C. & Samson, A.C. (2018). Emotion regulation in Autism Spectrum Disorder: Where we are and where we need to go. *Autism Research*, 11(7): 962-978. doi: 10.1002/aur.1968.

Cvejic, R., Arnold, S.R.C., Foley, K.R. & Trollor, J.N. (2018). Neuropsychiatric profile and psychotropic medication use in adults with Autism Spectrum Disorder: Results from the Australian Longitudinal Study of Adults with Autism. *BJPsych Open*, 4(6), 461-466. doi: 10.1192/bjo.2018.64

Halim, A.T., Richdale, A.L. & Uljarevic, M. (2018). Exploring the nature of anxiety in young adults on the autism spectrum: A qualitative study. *Research in Autism Spectrum Disorders*, 55, 25-37. doi: 10.1016/j.rasd.2018.07.006

Hwang, Y.I., Srasuekul, P., Foley, K.R., Arnold, S.R.C. & Trollor, J.N. (2019). Mortality and cause of death of Australians on the autism spectrum. *Autism Research*, 12(5), 806-815. doi:10.1002/aur.2086

Scott, M., Milbourn, B.T., Falkmer, M., Bölte, S., Halladay, A., Lerner, M., Taylor, J.L. & Girdler, S.J. (2019). Factors impacting employment for people with Autism Spectrum Disorder. *Autism*, 23(4), 869-901. doi: 10.1177/1362361318787789

Sonido, M.T., Hwang, Y.I., Trollor, J.N. & Arnold, S.R.C. (2019). The mental well-being of informal carers of adults with Autism Spectrum Disorder: A systematic review. *Review Journal of Autism and Developmental Disorders*, early online, 1-15. doi: 10.1007/s40489-019-00177-8

Tang, J.S.Y., Chen, N.T.M., Falkmer, M., Bölte, S. & Girdler, S. (2019). Atypical visual processing but comparable levels of emotion recognition in adults with autism during the processing of social scenes. *Journal of Autism and Developmental Disorders*, early online, 1-10. doi: 10.1007/s10803-019-04104-y

Tang, J.S.Y., Falkmer, M., Bölte, S. & Girdler, S.J. (2019). Designing a serious game for youth with ASD: Perspectives from end-users and professionals. *Journal of Autism and Developmental Disorders*, 49(3), 978-995. doi: 10.1007/s10803-018-3801-9

Thompson, C., Falkmer, T., Bölte, S. & Girdler, S.J. (2018). Viewpoints on how students with autism can best navigate university. *Scandinavian Journal of Occupational Therapy*, doi:10.1080/11038128.2018.1495761

Thompson, C., Falkmer, T., Evans, K.L., Bölte, S. & Girdler, S.J. (2019). A realist evaluation of peer mentoring support for university students with autism. *British Journal of Special Education*, 45(4), 412-434. doi: 10.1111/1467-8578.12241

Uljarević, M., Hedley, D., Rose-Foley, K.R., Magiati, I., Cai, R.Y., Dissanayake, C., Richdale, A.L. & Trollor, J.N. (2019). Anxiety and depression from adolescence to old age in Autism Spectrum Disorder. *Journal of Autism and Developmental Disorders*, early online. doi: 10.1007/s10803-019-04084-z

Wilson, N.J., Lee, H.C., Vaz, S., Vindin, P. & Cordier, R. (2018). Scoping review of the driving behaviour of and driver training programs for people on the autism spectrum. *Behavioural Neurology*, 2018, 6842306. doi: 10.1155/2018/6842306

Reports 2018-19

Program 2

Ozdowska, A., Ashburner, J., Wyeth, P., Carrington, S. & Macdonald, L. (2018) *Overcoming difficulties with written expression*. Brisbane: Cooperative Research Centre for Living with Autism. ISBN: 978-0-9953736-4-8

Winter, S., Ashburner, J., Callaghan, S. & Bobir, N. (2018). *The development of an eLearning Package for teachers to help students stay on task and transition between tasks*: Full report. Brisbane: Cooperative Research Centre for Living with Autism. ISBN: 978-0-9953736-0-0

Program 3

Trollor, J., Srasuebkul, P., Florio, T., Lennox, N. & Foley, K. -R. (2018) *Using big data to understand health and wellbeing, Part A: Primary healthcare for young people on the autism spectrum*. Brisbane: Cooperative Research Centre for Living with Autism. ISBN: 978-0-9953736-6-2

Trollor, J., Srasuebkul, P., Florio, T., Lennox, N. & Foley, K. -R. (2018) *Using big data to understand health and wellbeing, Part B: Mortality of people on the autism spectrum*. Brisbane: Cooperative Research Centre for Living with Autism. ISBN: 978-0-9953736-5-5

Embargoed Reports

Program 1

Dean, R.J., Barker, M.S., Franklin, C., Robinson, G.A., Trembath, D., Ho, A. & Richards, L.J. (2018) *Brain network connectivity in ASD subjects*. Brisbane: Cooperative Research Centre for Living with Autism

Appendix 4: Resources Developed 2018-19

Program 1

Eapen, V. & Rose, F. (2019). *Early Years and Diagnosis: Autism Month Webinar*. Brisbane: Cooperative Research Centre for Living with Autism.

Whitehouse, A.J.O., Evans, K., Eapen, V. & Wray, J. (2018). *A national guideline for the assessment and diagnosis of autism spectrum disorders in Australia*. Cooperative Research Centre for Living with Autism, Brisbane, 2018. ISBN: 978-0-9953736-2-4

Program 2

Saggers, B., Whelan, M. & Wilson, W. (2019). *School Years: Autism Month Webinar*. Brisbane: Cooperative Research Centre for Living with Autism.

Winter, S., Ashburner, J., Callaghan, S. & Bobir, N. (2018). *The development of an eLearning Package for teachers to help students stay on task and transition between tasks: Visual Snapshot*. Brisbane: Cooperative Research Centre for Living with Autism.

Program 3

Arnold, S., Ciccarelli, M., Flower, R. & Higgins, J. (2019). *Adulthood: Autism Month Webinar*. Brisbane: Cooperative Research Centre for Living with Autism.

Lawson, L. P., Haschek, A. & Richdale, A.L. (2019) *Study of Australian school leaves with autism (SASLA): Baseline profile 2018*. Olga Tennis Autism Research Centre (OTARC), La Trobe University, Melbourne.

Not Program Specific

Abianac, K., Clapham, H., Dow-Hall, L. & Porter, A. (2019) *Autistic Voices: Autism Month Webinar*. Brisbane: Cooperative Research Centre for Living with Autism.

Gatfield, O., Hall, G., Isaacs, K. & Mahony, J. (2018) *Guidelines for Creating Autistic Inclusive Environments*. Brisbane: Cooperative Research Centre for Living with Autism. ISBN: 978-0-9953735-6-3

Appendix 5: Conference Presentations 2018-19

Program 1

Alvares, G.A., Bebbington, K., Cleary, D.B., Evans, K.L., Glasson, E.J., Maybery, M.T., Pillar, S., Uljarevic, M., Varcin, K.J., Wray, J. & Whitehouse, A.J.O. (2019). *The misnomer of 'high functioning autism': IQ is a weak predictor of functional abilities at the time of diagnosis of Autism Spectrum Disorder* [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.

Alvares, G.A. (2019). *Demographic and clinical characterisation of participants in The Australian Autism Biobank* [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.

Chen, N.T.M., Miller, S., Milbourn, B.T., Black, M.H., Fordyce, K., Van Der Watt, G., Alach, T., Masi, A., Frost, G., Tucker, M., Eapen, V. & Girdler, S.J. (2019). *Supporting autistic children to successfully transition to primary school: Perspectives from parents and early intervention professionals* [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.

Chetcuti, L., Uljarevic, M., Boutrus, M., Whitehouse, A. J. O., Varcin, K.J. and Hudry, K. (2019). *Negative affectivity as a mediator of the association between caregiver psychological distress and psychopathology in infants with early signs of Autism Spectrum Disorder (ASD)* [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.

Chetcuti, L., Uljarevic, M., Boutrus, M., Whitehouse, A. J. O., Varcin, K.J., Hudry, K. and the AICES team (2019). *Utility of temperament for predicting psychopathology in infants with early signs of Autism Spectrum Disorder (ASD)* [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.

Dimov, S., Iacono, T., Varcin, K.J., Boutrus, M., Chetcuti, L., Whitehouse, A.J.O., Hudry, K. and the AICES team (2019). *Language profiles of infants showing early signs of Autism Spectrum Disorder (ASD)* [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.

Hudry, K., Varcin, K.J., Chetcuti, L., Boutrus, M., Pillar, S., Dimov, S., Whitehouse, A.J.O. and the AICES Team (2019). *Evaluating validity of the Autism Observation Scale for Infants (AOSI) among infants identified with possible autism by community care professionals* [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.

Morse, A., Barnett, T., Quarmbly, L., Barbaro, J. & Marsh, P. (2019). *State-wide implementation of the Social Attention and Communication Surveillance-Revised (SACS-R): A design thinking approach*. 15th National Rural Health Conference, 24-27 March, Hotel Grand Chancellor, Hobart. National Rural Health Alliance.

Rabba, A.S., Dissanayake, C. & Barbaro, J. (2019). *Seeking information and support online: The development of an online resource 'Pathways Beyond Diagnosis' for parents of children diagnosed with Autism Spectrum Disorder* [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.

Whitehouse, A.J.O. & the Australian Autism Biobank Team (2018). *The launch of the Australian Autism Biobank*. Australasian Society for Autism Research Conference, 6-7 December 2018, Griffith University, Gold Coast. Australasian Society for Autism Research.

Program 2

Ambrose, K., Keen, D., Adams, D. & Simpson, K. (2018). *Gender differences in the anxiety symptoms of children on the autism spectrum*. Australasian Society for Autism Research Conference, 6-7 December 2018, Griffith University, Gold Coast. Australasian Society for Autism Research.

Armstrong, R., Downing, C., Harper-Hill, K., Perrykkad, K., Ashburner, J. & Wilson, W.J. (2019). *A classroom acoustics guide for speech pathologists 101*. Speech Pathology Australia and New Zealand Speech-language Therapists' Association joint conference, 2-5 June 2019, Brisbane Convention and Exhibition Centre, Brisbane.

Speech Pathology Australia and New Zealand Speech-language Therapists' Association.

Ashburner, J. & Winter, S. (2018). Visual schedules and work systems to the rescue! eLearning resources for mainstream primary teachers to help students stay on task and transition between tasks. Aspect Autism in Education conference, 30-31 August 2018, Royal International Convention Centre, Brisbane. Autism Spectrum Australia.

Ashburner, J. (2018). Too noisy, too crowded, too bright, too much!!! Sensory challenges of school students on the spectrum. Aspect Autism in Education conference, 30-31 August 2018, Royal International Convention Centre, Brisbane. Autism Spectrum Australia.

Beamish, W. & Clark, T. (2018). ACRC transition models of practice research project. Aspect Autism in Education Conference, 30-31 August 2018, Royal International Convention Centre, Brisbane. Autism Spectrum Australia.

Carrington, S., Saggars, B., Shochet, I., Wurfl, A., Drew, S., Orr, J. & Duncan, B. (2018). A whole school model to support school connectedness for adolescents on the autism spectrum. Aspect Autism in Education Conference, 30-31 August 2018, Royal International Convention Centre, Brisbane. Autism Spectrum Australia.

Carrington, S., Saggars, B., Webster, A., Harper-Hill, K. & Nickerson, J. (2018). Evidence-based teaching for diversity. Australian Association for Research in Education (AARE) Conference 2018, 2-6 December, University of Sydney, Sydney. Australian Association for Research in Education.

Clark, M., Adams, D., Roberts, J. & Westerveld, M. (2019). The classroom environment and engagement of Australian students with Autism Spectrum Disorder as reported by their teachers [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.

Clark, M. & Adams, D. (2019). Listening to parents to inform autism research [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.

Clark, T. & Beamish, W. (2018). Educating for success: Models of Practice for Australian teachers of students on the autism spectrum. Australasian Society for Autism Research Conference, 6-7 December 2018, Griffith University, Gold Coast. Australasian Society for Autism Research.

Clark, T.R., Gibbs, V., Beamish, W., Bruck, S., Taylor, A., Robinson, A., Gallagher, E., Tucker, M., Ashburner, J. & Walker, S. (2019). Educating for success: Models of Practice for teachers of students on the autism spectrum [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.

den Houting, J., Adams, D., Roberts, J. & Keen, D. (2018). Too anxious to achieve? A quantitative investigation of anxiety and academic achievement in autistic students. Australian Association for Special Education National Conference, 8-10 July 2018, Cairns Convention Centre, Cairns. Australian Association for Special Education.

Edwards, C., Saggars, B. & Carrington, S. (2018). Implementing a tele-classroom consultation approach in rural and remote regions to support a community of practice for teachers supporting young children on the autism spectrum and complex needs in mainstream settings. Aspect Autism in Education Conference, 30-31 August 2018, Royal International Convention Centre, Brisbane. Autism Spectrum Australia.

Mangan, C., Whelan, M. & Harper-Hill, K. (2019). inclusionED: Research, co-design and practice to support students on the spectrum. Asia Pacific Autism Conference, 20-22 June 2019, Resorts World Convention Centre, Singapore. The Australian Advisory Board on Autism Spectrum Disorders.

Paynter, J. & Westerveld, M. (2019). Reading comprehension in the first year of schooling for verbal students diagnosed with Autism Spectrum Disorder [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.

Robinson, A. & Gallagher, E. (2018). Developing a model of practice to support mainstream teachers of students on the autism spectrum. Australasian Society for Autism Research Conference, 6-7 December 2018, Griffith University, Gold Coast. Australasian Society for Autism Research.

Robinson, A. & Gallagher, E. (2018). Models of practice - Development of practice briefs. Aspect Autism in Education Conference, 30-31 August 2018, Royal International Convention Centre, Brisbane. Autism Spectrum Australia.

Saggars, B. (2018). Easier said than done - Autism CRC Australian Educational Needs Analysis: Implications for practice. Aspect Autism in Education Conference, 30-31 August 2018, Royal International Convention Centre, Brisbane. Autism Spectrum Australia.

Stainsby, M., Paynter, J. & Adams, D. (2019). Mothers on the autism spectrum: Parenting stress and family outcomes [Poster]. APS College of Clinical Psychologists Conference, 24-26 May, Pullman Melbourne, Albert Park. Australian Psychological Society.

Stirling, L., Dissanayake, C., Sofronoff, K., Trembath, D., Westerveld, M., Ashburner, J. & Pamment, L. (2018). How was your day? Parent, teacher and child perceptions of communication about the school day with children on the autism spectrum. Australasian Society for Autism Research Conference, 6-7 December 2018, Griffith University, Gold Coast. Australasian Society for Autism Research.

Taylor, A., Beamish, W., Paynter, J. & Tucker, M. (2018). Preliminary evaluation of the Early Years Model of Practice by Prep/Kindergarten teachers from metropolitan schools across the eastern states of Australia. Aspect Autism in Education conference, 30-31 August 2018, Royal International Convention Centre, Brisbane. Autism Spectrum Australia.

Taylor, A., Beamish, W., Paynter, J. & Tucker, M. (2018). The Early Years Model of Practice: Supporting social emotional learning by 'being'. Australian Association for Special Education National Conference, 8-10 July 2018, Cairns Convention Centre, Cairns. Australian Association for Special Education.

Taylor, A., Beamish, W., Paynter, J. & Tucker, M. (2018). The Early Years Model of Practice: Initial evaluation by prep/kindergarten teachers. Australasian Society for Autism Research Conference, 6-7 December 2018, Griffith University, Gold Coast. Australasian Society for Autism Research.

Westerveld, M., Paynter, J. & Trembath, D. (2019). Towards a better understanding of the early literacy development of children with ASD. Literacy, Language and Learning Conference 2019, 4-6 April, Perth Convention and Exhibition Centre, Perth. Dyslexia - SPELD Foundation.

Westerveld, M. (2018). Fostering emergent literacy development in young children on the autism spectrum. International Symposium - Specific Language Impairment in Children: Assessment and Intervention Outcomes, 23-26 August, Moscow Pedagogical State University, Moscow. International Association of Logopedics and Phoniatrics.

Whelan, M., Harper-Hill, K., Kerr, J., Zelenko, O. & Beamish, W. (2018). With teachers, for teachers: An opportunity to provide feedback on an innovative learning platform for educators meeting the needs of all learners [Interactive demonstration]. Aspect Autism in Education Conference, 30-31 August 2018, Royal International Convention Centre, Brisbane. Autism Spectrum Australia.

Wicks, R., Paynter, J. & Adams, D. (2018). Predictors and correlates of family outcomes of early intervention for young children on the autism spectrum [Poster]. Australian Psychological Society Congress, 27-30 September 2018, International Convention Centre, Sydney. Australian Psychological Society.

Wicks, R., Westerveld, M. & Paynter, J. (2019). Emergent literacy for children on the autism spectrum: Links to child visual attention and verbal engagement during shared book reading [Poster]. Australasian Society for Autism Research Conference, 6-7 December 2018, Griffith University, Gold Coast. Australasian Society for Autism Research.

Program 3

Arnold, S.R.C., Stevens, A.J. & Trollor, J.N. (2018). Mental health in autistic adults and their carers: Findings from the Australian Longitudinal Study of Adults with Autism (ALSAA), 27th Annual PsychDD Conference, 23 November 2018, Rydges Hotel Parramatta, Sydney. The Association of Psychologists in Developmental Disability Services.

Ashburner, J. (2019). Use of a goal setting tool for adolescent and adults: Feedback from trials in schools, post-school services and individual therapy sessions. Asia Pacific Autism Conference, 20-22 June 2019, Resorts World Convention Centre, Singapore. The Australian Advisory Board on Autism Spectrum Disorders.

Black, M.H., Almabruk, T., Albrecht, M.A., Chen, N.T.M., Lipp, O.V., Tan, T., Bölte, S. & Girdler, S.J. (2018). Altered connectivity in autistic adults during complex facial emotion recognition: A study of EEG imaginary coherence. Institute of Electrical and Electronics Engineers Engineering in Biology and Medicine Conference, 17-21 July 2018, Hawaii Convention Centre, Honolulu. Institute of Electrical and Electronics Engineers.

Brooker, K., Harley, D., Baker, A.R., Arnold, S.R.C., Lennox, N. & Urbanowicz, A. (2019). Designing an online health information website that meets the needs of Australian adults on the spectrum with intellectual disability. Asia Pacific Autism Conference, 20-22 June 2019, Resorts World Convention Centre, Singapore. The Australian Advisory Board on Autism Spectrum Disorders.

Brooker, K., Lennox, N., Harley, D., Baker, A.R., Darch, H., Szeto, H., Arnold, S.R.C. & Urbanowicz, A. (2018). Identifying the online health information needs of adults on the autism spectrum with intellectual disability using an inclusive methodology. Australasian Society for Autism Research Conference, 6-7 December 2018, Griffith University, Gold Coast. Australasian Society for Autism Research.

Chapman, R., Falkmer, M., Ferguson, G. & McMeekin, D. (2018). Lessons from an internship program for adults on the autism spectrum. Australasian Society for Autism Research Conference, 6-7 December 2018, Griffith University, Gold Coast. Australasian Society for Autism Research.

- Ciccarelli, M. & Mangan, C. (2019). The making of MyWay Employability: From research to practice [Workshop]. Asia Pacific Autism Conference, 20-22 June 2019, Resorts World Convention Centre, Singapore. The Australian Advisory Board on Autism Spectrum Disorders.
- Flower, R.L., Richdale, A.L. & Arnold, S.R.C. (2019). Job seeking experiences of autistic and non-autistic youth [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.
- Foley, K-R., den Houting, J., Arnold, S.R.C., Hollier, L.P., Richdale, A.L. & Trollor, J.N. (2018). Preferred terminology in the autistic community [ePoster]. Australasian Society for Autism Research Conference, 6-7 December 2018, Griffith University, Gold Coast. Australasian Society for Autism Research.
- Granich, J., Urbanowicz, A., Whitehouse, A.J.O., Lennox, N. & Brahmabhatt, P. (2019). Oral and dental healthcare of autistic and non-autistic adults [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.
- Harley, D. (2019). Anti-psychotic and anti-depressant medication in autism. The Royal Australian & New Zealand College of Psychiatrists 2019 Congress, 12-16 May 2019, Cairns Convention Centre, Cairns. The Royal Australian & New Zealand College of Psychiatrists.
- Haschek, A., Lawson, L.P., Uljarevic, M., Flower, R.L., Cai, R.Y. & Richdale, A.L. (2019). Baseline characteristics of the Longitudinal Study of Australian School Leavers with Autism. Asia Pacific Autism Conference, 20-22 June 2019, Resorts World Convention Centre, Singapore. The Australian Advisory Board on Autism Spectrum Disorders.
- Haschek, A., Lawson, L.P. & Richdale, A.L. (2018). Baseline characteristics of the Longitudinal Study of Australian School Leavers with Autism [Poster]. Australasian Society for Autism Research Conference, 6-7 December 2018, Griffith University, Gold Coast. Australasian Society for Autism Research.
- Hwang, Y.I., Arnold, S.R.C. & Trollor, J.N. (2018). Adults' disclosure of their autism: a mixed methods investigation. Australasian Society for Autism Research Conference, 6-7 December 2018, Griffith University, Gold Coast. Australasian Society for Autism Research.
- Hwang, Y.I., Srasuebku, P., Foley, K-R., Arnold, S.R.C. & Trollor, J.N. (2018). Mortality and cause of death for individuals on the autism spectrum in NSW, Australia [Poster]. Australasian Society for Autism Research Conference, 6-7 December 2018, Griffith University, Gold Coast. Australasian Society for Autism Research.
- Jovevska, S., Richdale, A.L., Lawson, L.P., Arnold, S.R.C. & Trollor, J.N. (2018). Sleep quality and the autism spectrum from mid-adolescence to old age. Australasian Society for Autism Research Conference, 6-7 December 2018, Griffith University, Gold Coast. Australasian Society for Autism Research.
- Lawson, L.P., Cai, R.Y. & Richdale, A.L. (2018). Gender differences in internalising psychopathology among young adults on the autism spectrum. Society for the Study of Behavioural Phenotypes International Research Symposium, 28-29 August, State Library Victoria, Melbourne. Society for the Study of Behavioural Phenotypes.
- Lee, E.A., Black, M.H., Tan, T., Falkmer, T. & Girdler, S.J. (2019). "I'm destined to ace this": Work experience placement for high school students with Autism Spectrum Disorder [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.
- Mangan, C. & Ciccarelli, M. (2018). BOOST-A knowledge translation: A journey from research trial to a holistic online service. Australasian Society for Autism Research Conference, 6-7 December 2018, Griffith University, Gold Coast. Australasian Society for Autism Research.
- Mangan, C. & Ciccarelli, M. (2019). MyWay Employability: Enhancing independence, job readiness and inclusion for young people on the autism spectrum [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.
- Richdale, A.L., & Lawson, L.P. (2018). Predicting depressive symptomatology in older adolescents on the autism spectrum, 13th International Conference on Child and Adolescent Psychopathology. 6-8 August 2018, Pullman Kuching, Malaysia.
- Richdale, A.L. (2019). Sleep, circadian neuroscience, and autism across the lifespan. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.
- Sahin, E., Richdale, A.L., & Lawson, L.P. (2018). Are sleep and mental health associated with vocational independence in young people on the autism spectrum? Australasian Society for Autism Research Conference, 6-7 December 2018, Griffith University, Gold Coast. Australasian Society for Autism Research.
- Sonido, M.T., Arnold, S.R.C., Hwang, Y.I., & Trollor, J.N. (2018). The mental well-being of informal caregivers of adults diagnosed with Autism Spectrum Disorder: A systematic review. Australasian Society for Autism Research Conference, 6-7 December 2018, Griffith University, Gold Coast. Australasian Society for Autism Research.
- Sonido, M.T., Hwang, Y.I., Srasuebku, P., Trollor, J.N. & Arnold, S.R.C. (2019). Predictors of the mental well-being of informal caregivers of adults on the autism spectrum. Asia Pacific Autism Conference, 20-22 June 2019, Resorts World Convention Centre, Singapore. The Australian Advisory Board on Autism Spectrum Disorders.
- Thompson, C., Falkmer, T., Bølte, S. & Girdler, S.J. (2018). Changing lives of parents of autistic university students through specialist peer mentoring. Australasian Society for Autism Research Conference, 6-7 December, Griffith University, Gold Coast. Australasian Society for Autism Research.
- Thompson, C., Falkmer, T., Bølte, S. & Girdler, S.J. (2018). The development of social competence in autistic university students through specialist peer mentoring [ePoster]. Australasian Society for Autism Research Conference, 6-7 December, Griffith University, Gold Coast. Australasian Society for Autism Research.
- Thompson, C., Falkmer, T., Bølte, S. & Girdler, S.J. (2019). The active ingredients of specialist peer mentoring for autistic university students [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.
- Thompson, C., Falkmer, T., Bølte, S. & Girdler, S.J. (2019). "Our relationship has matured": Improving parental relationships through specialist peer mentoring for autistic university students [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.
- Not Program Specific**
- den Houting, J. & Pellicano, E. (2018). Participatory autism research in the Autism CRC and beyond. Australasian Society for Autism Research Conference, 6-7 December 2018, Griffith University, Gold Coast. Australasian Society for Autism Research.
- den Houting, J. & Pellicano, E. (2019). An overview of community engagement within Autism CRC. Asia Pacific Autism Conference, 20-22 June 2019, Resorts World Convention Centre, Singapore. The Australian Advisory Board on Autism Spectrum Disorders.
- den Houting, J. & Pellicano, E. (2019). Autism research funding in Australia: Where does the money go? Asia Pacific Autism Conference, 20-22 June 2019, Resorts World Convention Centre, Singapore. The Australian Advisory Board on Autism Spectrum Disorders.
- den Houting, J. & Pellicano, E. (2019). Examining the engagement of community partners in autism research within the Autism CRC [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.
- den Houting, J. & Pellicano, E. (2019). Show me the money! A portfolio analysis of autism research funding in Australia from 2008 to 2017 [Poster]. International Society for Autism Research 2019 Annual Meeting, 1-4 May, Palais des congrès de Montreal, Montreal. International Society for Autism Research.
- Gatfield, O. & Lawson, W. (2019). The Autism CRC Research Academy: Building capacity for co-production. Asia Pacific Autism Conference, 20-22 June 2019, Resorts World Convention Centre, Singapore. The Australian Advisory Board on Autism Spectrum Disorders.
- Haar, T., Higgins, J. & Wilson, J. (2018). How to work with us: Perspectives of autistic adults engaged in research. Australasian Society for Autism Research Conference, 6-7 December, Griffith University, Gold Coast. Australasian Society for Autism Research.
- Haar, T., Higgins, J. & Wilson, J. (2019). How to work with us: Perspectives of autistic adults engaged in research. Asia Pacific Autism Conference, 20-22 June 2019, Resorts World Convention Centre, Singapore. The Australian Advisory Board on Autism Spectrum Disorders.
- Pellicano, E. (2019). Participatory autism research: An overview. Asia Pacific Autism Conference, 20-22 June 2019, Resorts World Convention Centre, Singapore. The Australian Advisory Board on Autism Spectrum Disorders.

Appendix 6: Intellectual Property

Description	Project reference	Nature of Intellectual Property	Background Intellectual Property	Centre Intellectual Property
Project Intellectual Property				
Australian Autism Biobank Database, Questionnaires, Data Dictionary and Data.	Project 1.002RC	Copyright Confidential information		X
AXAS™ Autism related risk prediction software	Project 1.003RC	Copyright Trademark	University of Queensland	
Graduate Certificate in Autism Diagnosis Online course content: Intro to Autism, Diagnosis of Autism, Practicum, Adult and toddler modules.	Project 1.004RC	Copyright Confidential information		X
Developmental Surveillance for Autism Social Attention and Communication Study-Revised, developed by La Trobe University (SACS-R); Evaluation data and analyses, Assessment videos and the training materials for SACS-R.	Project 1.005RC	Copyright Confidential information	SACS system owned by La Trobe University	X
Transcriptome Analyses of Human Brain Tissue Knowhow and confidential information.	Project 1.019RC	Copyright Confidential information		X
BrainsTorm Model for stem cell transduction from blood. Research data, analyses and report.	Project 1.020RI	Confidential information Copyright		X
Diagnostic Practices and Reliability in Australia Questionnaire, Survey data, analyses and report.	Project 1.021RS	Copyright		X
Pathways Beyond Diagnosis Family support package (online and paper form) website source code and design, facilitator manual. Evaluation data, analyses and reports.	Project 1.022RS	Copyright Confidential information		X
Autism Subtyping Research data, analyses and reports.	Project 1.023RS	Copyright Confidential information		X
Brain Connectivity Research data and analyses.	Project 1.033RI	Copyright Confidential information		X
System Genomics Methodologies and protocol. Research data and analyses.	Project 1.042RC	Copyright Confidential information	University of Queensland own methods and protocols related to derivation and analysis of data	X
Therapy for Infants Showing Early Signs of Autism iBASIS-VIPP, ASD Subtype project research data and analyses.	Project 1.043RS	Copyright Confidential information	iBASIS-VIPP owned by University of Manchester SACS system owned by La Trobe University	X
Diagnostic Inconsistencies in New Zealand Survey, research data and analyses.	Project 1.058RU	Copyright Confidential information		X
Biobank Pilot Questionnaires, research data and analyses.	Project 1.059RU	Copyright Confidential information		X
School Years Program (Program 2) Conceptual model for in-kind contributions.	Project 2.006RC	Copyright		X

Description	Project reference	Nature of Intellectual Property	Background Intellectual Property	Centre Intellectual Property
The Longitudinal Study of Australian Students with Autism Trajectory study parent, teacher, principal questionnaires, data and analyses.	Project 2.007RS	Copyright Confidential information		X
Secret Agent Society Whole-of-Class Social skills training program and materials, evaluation data, analyses and report.	Project 2.008RS	Copyright Confidential information	SAS program (Renae Beaumont Enterprises and Social Skills Training Institute)	X
Education Needs Analysis Surveys for teachers, parents, students, survey data and V2 report.	Project 2.009RC	Copyright Confidential information		X
Overcoming Difficulties in Written Expression Videos, game format, website, source code and design, manuals and teachers' materials, evaluation data, analyses and reports.	Projects 2.010RS 2.053RU	Copyright Confidential information		X
Helping Students Stay on Task and Move Between Tasks Teacher training packages and resources for structured teaching, the On-task Toolkit, evaluation data, analyses and report.	Projects 2.011RS 2.011RS_PP	Copyright Confidential information	Original Structured Teaching resources owned by Aspect	X
Early Literacy Project suite Research reports, fact sheets, FAQs, and multimedia content for teachers, parents and professionals	Projects 2.024RI 2.034RU 2.035RU	Copyright Confidential information	Parent – Child Book reading checklist owned by Griffith University Child Assessment data owned by AEIOU	X
Autism, Anxiety and School Functioning Research data, analyses and report.	Project 2.025RI	Copyright Confidential information		X
Lego Robotics Club Evaluation Robotics resource kits, manual for teachers, website content and source code, evaluation data, analyses and report.	Projects 2.026RI	Copyright Confidential information		X
Early Years Behaviour Support Project MyCalendar app, teleconsultation protocols, tools evaluation data and analyses.	Projects 2.027RS 2.027RS_PP	Copyright Confidential information	MyCalendar app owned by Queensland University of Technology	X
Classroom Acoustics Research data, analyses and multimedia resources	Project 2.028RS	Copyright Confidential information		X
School Connectedness Resourceful Adolescent Program for parents, teachers, and adolescents, RAP program adaptations for autism (RAP-A), research data and analyses.	Projects 2.029RS 2.029RS_PP	Copyright	RAP program owned by Ian Shochet. RAP-A, owned by Queensland University of Technology	X
School Connectedness website Website source code, design and multimedia content.	Project 2.029RS_PP2	Copyright	RAP program owned by Ian Shochet. RAP-A, owned by Queensland University of Technology	X
How Was Your Day? Parent surveys, teacher surveys, child surveys pertaining to home school communications and survey data	Project 2.036RI	Copyright Confidential information		X
Primary School Transition Models of Practice Website, source code, design, manuals, evaluation data, analyses and multimedia resources.	Project 2.037RS	Copyright Confidential information		X

Description	Project reference	Nature of Intellectual Property	Background Intellectual Property	Centre Intellectual Property
inclusionED Website prototype, logo and livery, domain, design, source code, core research and practice content, design and evaluation data and report.	Projects 2.045RU 2.063	Copyright Trademark Confidential information		X
Storytime E-learning early literacy training program for librarians, multimedia resources, evaluation data and analyses.	Project 2.052RU	Copyright Confidential information		X
Effects of Humanoid Robots on Narrative Role Taking Abilities in Children on the Spectrum? Research data and analyses.	Project 2.060RI	Copyright Confidential information	Peabody picture Vocabulary test 4th edition owned by L.M. and D.M. Dunn, licenced by Queensland University of Technology	X
Australian Longitudinal Study of Adults with Autism Longitudinal survey questionnaire, data, analyses, research summaries and reports.	Project 3.013RC	Copyright Confidential information		X
Integrated Employment Success Tool (IEST™) Trademark name, content, format, design, tool and evaluation data and analyses.	Project 3.013RC	Copyright Confidential information Trademark		X
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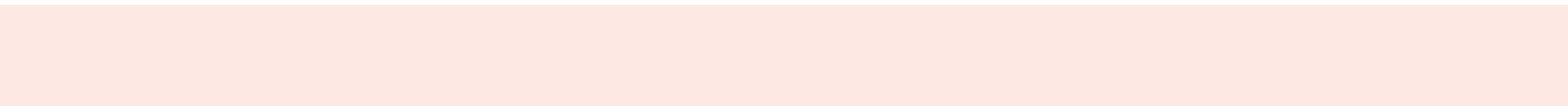
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Appendix 7: Glossary

AASQA	Autism Academy for Software Quality Assurance	IDPA	Integrated Diagnostic Protocol for Australia
ACT on your life	Acceptance and Commitment Therapy anxiety program	IENT	Integrated Employment Success Tool
ACU	Australian Catholic University	INSAR	International Society for Autism Research
AEIOU	AEIOU Foundation	IP	Intellectual Property
AITSL	Australian Institute of Teaching and School Leadership	LASA	Longitudinal Study of Australian Students with Autism
ALSAA	Australian Longitudinal Study of Adults with Autism	LTU	La Trobe University
AO	Officer of the Order of Australia Medal	MoP	Models of Practice
ASAN AUNZ	Autistic Self Advocacy Network of Australia and New Zealand	MYBSP	Middle Years Behaviour Support Project
ASD	Autism Spectrum Disorder	NBPSA	Neurodevelopmental and Behavioural Paediatric Society of Australasia
APAC	Asia Pacific Autism Conference	NDIA	National Disability Insurance Agency
ASELCC	Autism Specific Early Learning and Care Centre	Neurodiversity	Concept that neurological differences – such as Autism, Attention Deficit Hyperactivity Disorder (ADHD) and Tourette Syndrome – are to be recognised, accepted and respected as any other human variation.
ASfAR	Australasian Society for Autism Research Conference	NESA	New South Wales Education Standards Association
Aspect	Autism Spectrum Australia	NHMRC	National Health and Medical Research Council
ATSI	Aboriginal and Torres Strait Islander	NSW	New South Wales
Autism SA	Autism South Australia	OT	Occupational Therapy
BOOST-A	Better Outcomes and Successful Transitions – Autism	PhD	Doctor of Philosophy
CALD	Culturally and Linguistically Diverse	QLD DET	Queensland Department of Education and Training
CEO	Chief Executive Officer	QUT	Queensland University of Technology
CFO	Chief Financial Officer	RAP	Resourceful Adolescent Program
CU	Curtin University	RAP-A	Resourceful Adolescent Program for Autism
Autism CHAP	Comprehensive Health Assessment Program for autistic adults and adolescents	RHD	Research Higher Degree
CIP	Centre Intellectual Property	RCT	Randomised Control Trial
CoEP	Classrooms of Excellence Program	SACS-R	Social, Attention and Communication Surveillance – Revised
CRC	Cooperative Research Centre	SAS	Secret Agent Society
CRM	Customer Relationship Management	SAS-WOC	Secret Agent Society Whole-of-Class program
EVAP	Education and Vocational Assessment Protocol	SASLA	Study of Australian School Leavers with Autism
EYBSP	Early Years Behaviour Support Project	SME	Small and Medium-sized Enterprise
GCAD	Graduate Certificate in Autism Diagnosis	SST	Social Skills Training Pty Ltd – a wholly owned subsidiary of Autism CRC
GP	General Practitioner	STEM	Science, Technology, Engineering and Maths
GU	Griffith University	TCC	Tele-Classroom Consultation
HFA	High Functioning Autism	UNSW	University of New South Wales
Human-Centred Approach	Also referred to as Human-Centred Design Thinking – an approach to problem solving that involves human perspectives at all phases of the problem-solving process.	UQ	University of Queensland
IASSIDD	International Association for the Scientific Study of Intellectual and Developmental Disabilities	UTAS	University of Tasmania
I CAN	The I CAN Network	UWA	University of Western Australia
		WMR	Wesley Medical Research



Our values



Inclusion

Working together with those with the lived experience of autism in all we do



Innovation

New solutions for long term challenges



Independence

Guided by evidence based research, integrity and peer review



Cooperation

Bringing benefits to our partners; capturing opportunities they cannot capture alone



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