

Enabling Environments, Disabling Barriers

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DisAbility

Medical Model

Social Model



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IDEAS & SPECULATIONS

Insights & Perspectives

Reconciling the seemingly irreconcilable: The WHO's ICF system integrates biological and psychosocial environmental determinants of autism and ADHD

The International Classification of Functioning (ICF) allows to model opposed biomedical and neurodiverse views of autism and ADHD within one framework

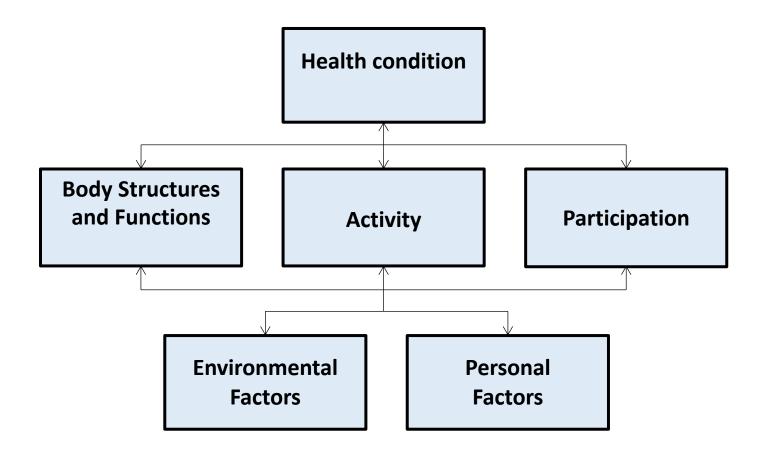
Sven Bölte^{1,2,3} Wenn B. Lawson³ Peter B. Marschik^{1,4,5}

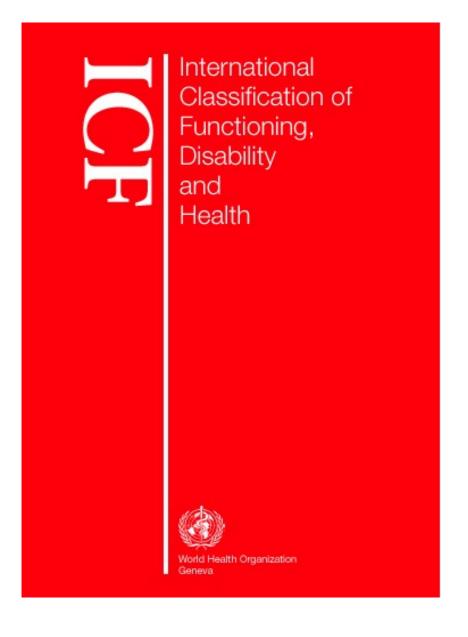
Sonya Girdler^{1,3,6}



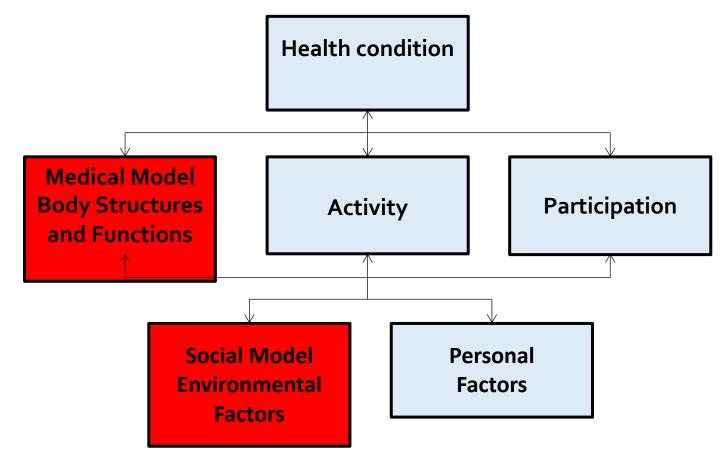


Dynamic Holistic view of Functioning





Dynamic Holistic view of Functioning





Content validation of common measures of functioning for young children against the International Classification of Functioning, Disability and Health and Code and Core Sets relevant to neurodevelopmental conditions

Autism
I-12
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Products and technology

Natural environment and human-made changes to environment

Support and relationships

Attitudes

Services, systems and policies

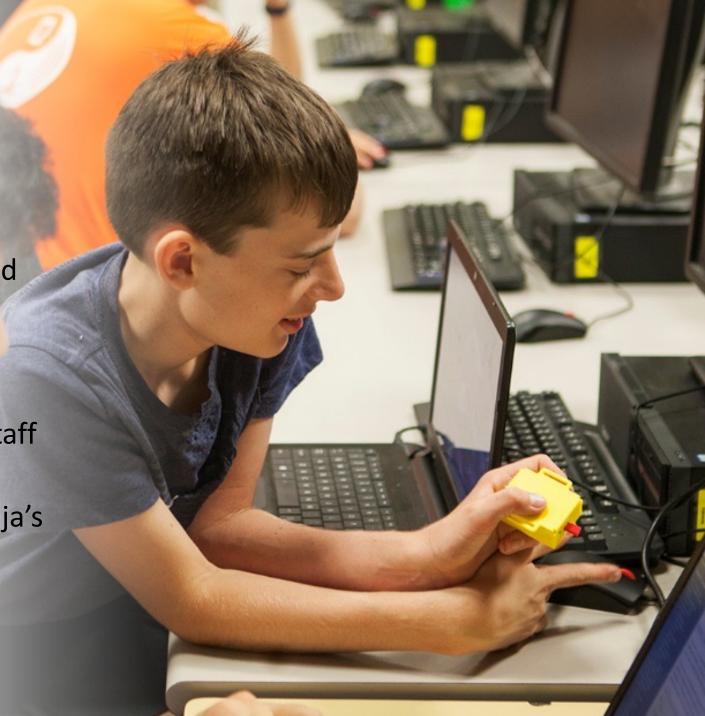




Coder Dojo

 Model that combining a social environment with computer coding and technology activities

- Perfect for autistic teenagers
 - Saturday's during the school year
 - Facilitators are Curtin university staff members, students and parents
- Today we have around 300 autistic Ninja's in programs across Western Australia



How it works ...

Facilitators	Activities	Environment
Shared interests	Activity incorporates	Acceptance
	interests	
Consistency	Visual component	No pressure
Individual and	Activity choice	Everyone has autism
collaborative approach		
Expert facilitators	Skill development goals	Rules and boundaries
Authentic facilitators	Career goal	Opportunity for home
		learning
Flexible facilitators	Right level of challenge	Duration and frequency
Teaching skills	Expectations	Overcrowding and noise
Facilitator Ratio	Demonstrate skill	Hardware and software
	Peer mentoring	

ORIGINAL PAPER



"We Can See a Bright Future": Parents' Perceptions of the Outcomes of Participating in a Strengths-Based Program for Adolescents with Autism Spectrum Disorder

Elinda Ai Lim Lee 1,2 \odot · Melissa H. Black 1,2 · Marita Falkmer 1,2,3 · Tele Tan 2,4 · Louise Sheehy 5 · Sven Bölte 1,2,6,7 · Sonya Girdler 1,2

- Surveyed 52 parents, representing 53 autistic youth attending our programs
- Explored the principal components and outcomes
- Program positively impacted participants'
 - sense of belonging
 - confidence and self-esteem
 - health and well-being
 - social relationships and interactions
 - activities and participation



http://bcec.edu.au/publications/strength-based-programs-for-adolescents-with-autism/













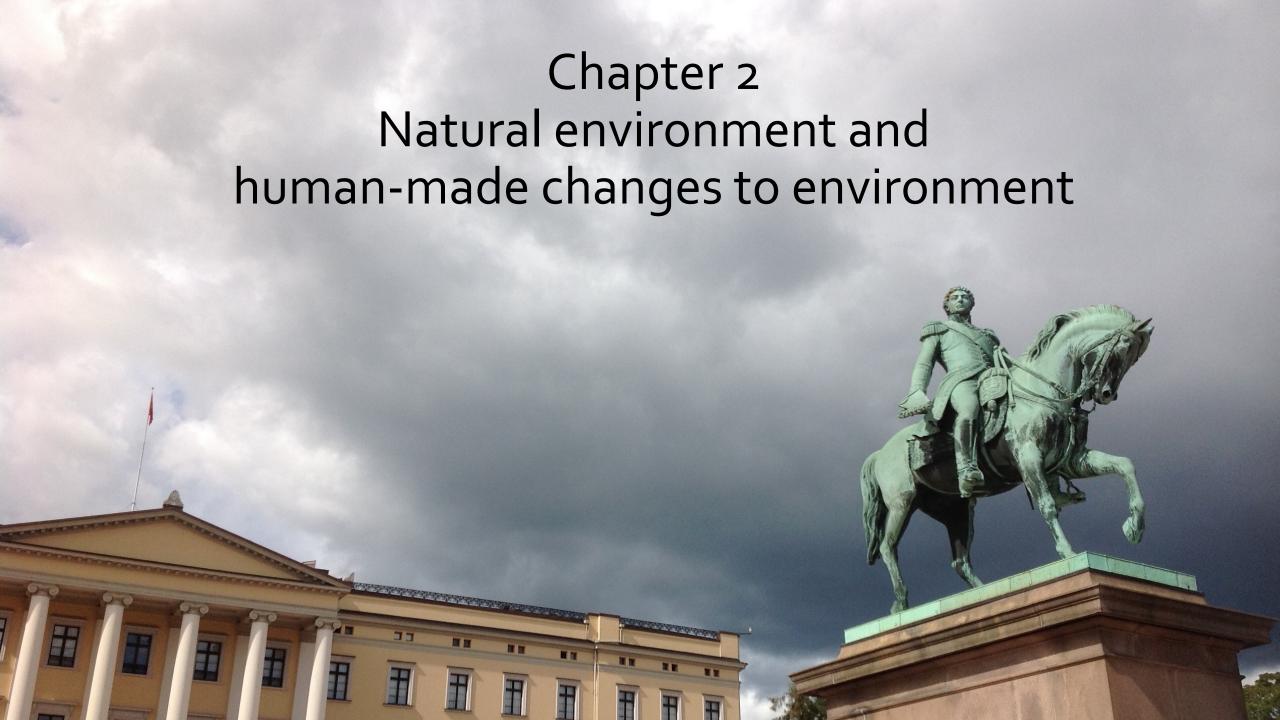
BANKWEST CURTIN ECONOMICS CENTRE

A STRENGTH-BASED PROGRAM

for adolescents with autism

Matthew Jones, Marita Falkmer, Ben Milbourn, Tele Tan, Louise Sheehy, Sven Bölte and Sonya Girdler









Disability and Rehabilitation

ISSN: (Print) (Online) Journal homepage: https://www.tandfonline.com/loi/idre20

"Capturing the magic": identifying the active ingredients of a physical activity participation intervention for children and youth with disabilities

Claire Willis, Catherine Elliott, Siobhan Reid, Astrid Nyquist, Reidun Jahnsen, Sven Bölte, Michael Rosenberg & Sonya Girdler

Key Active Ingredient of BHC is the Environment

The built and natural environment is accessible

Equipment
(including
adapted or
specially designed
equipment) is
available

Characteristics of the human environment are centred on "creating a community"

Beautiful natural environment

A special place



"BHC is a community they can come to and just relax. A lot of them say that their shoulders go down and they can just be themselves" – BHC staff member



Considerations of the built environment for autistic individuals: A review of the literature

Autism

1-12

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Melissa Heather Black^{1,2,3}, Sarah McGarry^{1,2,3}, Lynn Churchill⁴, Emily D'Arcy^{1,2}, Julia Dalgleish¹, Isabelle Nash¹, Alisala Jones¹, Tin Yan Tse¹, Jane Gibson¹, Sven Bölte^{1,5,6} and Sonya Girdler^{1,2,3,5,7}

All Impact the Functioning of Autistic Individuals











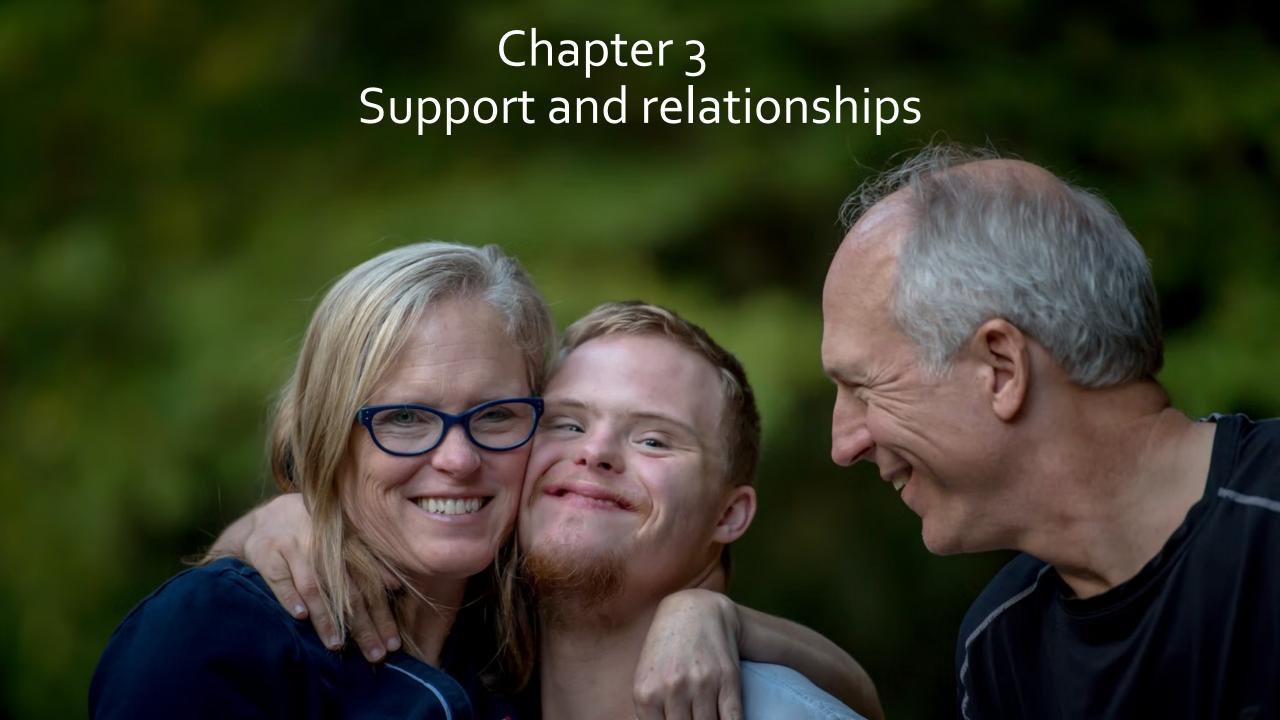












Support and Relationships

Important to us all

Can enable functioning in important life areas including

Higher Education

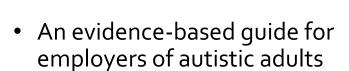
 University, Peer Mentoring Program for Autistic University students

Employment

 Supportive workplace, working together to accommodate the needs of autistic workers



The Integrated Employment Success Tool (IEST)



- Aims to change the employment environment
- Over 100 employers Australia wide involved in its development
- Users demonstrated
 - Increased understanding and knowledge of autism
 - More confident in supporting their autistic employees













Enabling Environments, Disabling Barriers

- Focus on potential
- BHC's vision is 'Activity and Participation through life'
- Attitudes of staff and peers
- Building knowledge and skills of individuals
- Delivering over 50 years of an enabling environment



