

RESEARCH PROJECTS within the PROGRAMME

Arts and Creativity in Childhood Disability

Studies of Arts and Creativity in childhood disability focusing on activities, participation and impact of disability on psychosocial development. Associated projects explore brain-behavior relationships using novel technologies.

1. *Explorers Project*: cross-sectional study of psychosocial impact of childhood disability and intervention on participation with themed therapies, e.g. Jungle Explorers camp, 'Magic' therapy.
2. *Virtual Reality (VR)*: 1) The Elements project on augmented reality using creative media activities; and 2) VR4REhab innovation and business development project for VR rehabilitation technologies.
3. *Joggy Bear* project explores impact of dance, song and music on academic attainments, and behavioural adaptation of children in deprived areas with/without special educational needs.
4. *MovementWorks Dance and Autism project*: Development appropriate outcome measure and impact project.

Duration of Projects

Projects currently running through to end of 2020.

Project funding

Explorers project: supported by funding from the Bobath Children's Therapy Centre Wales.

Elements: Australia Catholic University Innovations programme grant

VR4Rehab: InterReg NWE EU programme

Joggy Bear: Intervention funded by Comic Relief 'Learn on the Move'

Dance and Autism project: University of Greenwich Small Grant – REF 2016-2017

Project leader

Dr Dido Green, Associate Professor, dido.green.se

Project co-workers

Includes: Professor Peter Wilson, Australia Catholic University; Dr Jane Hood, DevNeuro Ltd, UK; Professor Denis Martin, Teesside University; Dr Farzaneh Yazdani, Oxford Brookes University; Dr Christina Malamateniou, University of Greenwich; Professor Andrew Gordon, Columbia University.

Publications within the project

1. Green D, Payne S. Understanding Organizational Ability and Self-Regulation in Children with Developmental Coordination Disorder. *Current Dev Disorders Report*. 129. DOI: 10.1007/s40474-018-0129-2



2. Weinstein, M., Green, D.,¹ Rudisch, J., Zielinsk, I., Benthem-Munuz, M., Jongsma, M., McClelland, V.M., Steenbergen, B., Shiran, S., Ben Bashat, D., Barker, G. J. (2017) Understanding the relationship between brain and upper limb function in children with unilateral motor impairments: A multimodal approach. *Euro J Pediatric Neurology* doi.org/10.1016/j.ejpn.2017.09.012

3. Farr W, Green D, Male I, Morris C, Bailey S, Gage H, Speller S, Colville V, Jackson M, Bremner S, Memon A. (2017) Therapeutic potential and ownership of commercially available consoles in children with Cerebral Palsy. *Brit J Occ Therapy* 80(2), 108-116

Link to more information

<http://ju.se/personinfo.html?sign=gredid&lang=en>

¹ M Weinstein and D Green are equal contributors to this work.