

Ongoing UK Down's Syndrome Studies 2019

Study Title	Aims	PI	Funder	Link
<p>Measuring the effect of bifocal spectacles on the ability of children with Down's syndrome to focus at near, and to scan complex pictures</p>	<p>It is hoped that this study will lead to improved understanding of how to identify children who will benefit from bifocals, strengthening clinicians' confidence in the therapy by providing a better evidence-base for prescribing decisions</p>	<p>Dr Maggie Woodhouse Cardiff University</p>	<p>Action Medical Research for Children</p>	<p>Site</p>
<p>Sleeping Well Thinking Well; do changes in sleep affect executive functioning in children with intellectual disability?</p>	<p>The purpose of the study is to assess children's sleep and executive functions at two time-points, six months apart. They want to see whether there are changes in children's sleep over time, and whether these changes are associated with changes in their executive functions. They predict that better sleep will be associated with increased executive function skills.</p>	<p>Dr Sheena Au-Yeung Coventry University</p>	<p>-</p>	<p>Site</p>
<p>Project on Language in Individuals with Down's Syndrome</p>	<p>They hope that this research will provide a new insight into the bilingual and monolingual language development in Down's syndrome that will assist families in making their own language choices, as well as implications to clinical practice and education policy in Wales</p>	<p>Dr Eirini Sanoudaki Bangor University</p>	<p>ESRC</p>	<p>Site</p>
<p>The impact of poor motor ability on daily living skills and independence in Down's syndrome and Williams syndrome</p>	<p>It has been found in previous research that individuals with Williams Syndrome and Down's syndrome often show motor difficulties and high levels of anxiety, and the researchers would like to find out more about how this low motor ability and high level of anxiety is impacting ability to take part in activities of daily living, such as</p>	<p>Leighanne Mayall UCL Institute of Education</p>	<p>ESRC and the Williams Syndrome Foundation UK</p>	<p>Site</p>

	<p>getting dressed, cooking and personal hygiene, in these groups.</p> <p>The researchers hope that the results of this study can be used to inform future research and interventions aimed at improving independence and quality of life.</p>			
<p>Feeding and Autoimmunity in Down's syndrome Evaluation Study (FADES)</p>	<p>They hope the study will help to understand why children with Down's syndrome are more likely to experience problems with their hormones and their gut, help reduce this risk and lead to the development of new treatments to help with feeding.</p>	<p>Dr Georgina Williams University of Bristol</p>	<p>Down's Syndrome Association and Down's Syndrome Scotland</p>	<p>Site</p>
<p>Exploring differences in cognitive functions in people with Down's syndrome</p>	<p>A longitudinal study exploring differences in cognitive functions in people with Down's syndrome. The research team will investigate possible genetic, neurological and biological reasons for these differences and investigate why some people with Down's syndrome develop Alzheimer's disease and others do not.</p>	<p>Prof. Andre Strydom King's College/ The LonDownS Consortium</p>	<p>Wellcome Trust</p>	<p>Site</p>