



UNIVERSITY OF
CAMBRIDGE



Summer Newsletter



Down's Syndrome Research Group



We have some sunshine! Finally!

We are really excited that it's summer now, and we finally seem to be seeing a bit of good weather.

We hope you have had a good year so far and have exciting plans and holidays for the summer!

Thank you so much for helping us out with our studies!

We would like to give you an update on what's happening in our research.



New studies starting this year!!

Congratulations!!

Big congratulations to Sally and Maddie who have received funding to start their PhD projects later this year!

Sally is a new member of the research team—her picture is on the right. Sally is starting her PhD study in October and will be looking at brain activity in people with Down's syndrome.



Also Maddie, who works with Kate on the Energy study (some of you may have met her already) is starting her PhD project soon. Maddie hopes to look into the eyes of people with Down's syndrome to see how they change as they get older.

Sally and Maddie are really excited about starting these studies and they will let you know all the details when they are ready to start!

Now for an update on the studies you may have already taken part in!

The two studies that are running at the moment are the Dementia in Down's syndrome study and the Energy in Down's syndrome study. You might have taken part in one or even both of these studies! We really appreciate everyone for taking the time to help us with these studies—we couldn't do it without you!

Dementia in Down's syndrome study news

If you have volunteered for Liam and Tiina's study then you will have been to



Cambridge for two different scans, one to look at a chemical called amyloid and another to look at the structure of your brain. So far 30 people with Down's syndrome have taken part

- we hope everyone enjoyed themselves here! However, Tiina and Liam are still looking for another 30 people to take part before they can look at all the brain scans and try to find answers about how to defeat dementia in Down's syndrome. If you are over 40 years old or know someone who might be interested, Tiina and Liam need your help! Get in touch with them using their contact details on



the back page or check out their website for more information and a short film on www.dementiainds.com

Energy in Down's syndrome study news

Kate's study is looking at energy levels in people with Down's syndrome so that she can look something called mitochondria, which makes our energy for us. 27 people have taken part in



this study now, which is fantastic! We hope to get a few more people to reach our target. Excitingly,

Kate is now ready to start the second part of this study, which is going to look at muscles in the leg more closely. You may have received information about this part of the study in the post, but if not please get in touch with Kate or Maddie and we will tell you all about it! For lots more photos of people taking part and to get some more details about this study, please have a look at our website: www.dementiainds.com/energy



CONTACT US

If you want to know more about the Defeat Dementia in Down's syndrome study you can speak to:

Liam—lrw34@medschl.cam.ac.uk or call—(01223) 746 127

Tiina—ta337@medschl.cam.ac.uk or call—(01223) 746 127

If you want to know more about the Energy in Down's syndrome study you can speak to:

Kate—km511@medschl.cam.ac.uk or call—(01223) 746 190

Maddie—

mjw208@medschl.cam.ac.uk or call
(01223) 746 172

Thank you so much to everyone who
has taken part and helped us with our
research!



Many thanks to Andy Byrne, Alison Wheatley and Jonathan Hurley for letting us use their photos from their trip to Addenbrooke's! There are lots more photos on the website! You can also visit some of our participants own websites who have blogged about taking part in our studies

Jonathan Hurley—www.jonathanhurleyadvance.blogspot.co.uk

Jack Wardle—www.bxInt.org.uk/addenbrookes.html

And a big thank you to Heather Kent for starring in our DVD, which can be seen at www.dementiainds.com

We would also like to thank the people and organisations who have helped us, including the DSA, HFT, SEPT NHS Trust, Homerton University NHS Trust, Mersey Care, Jenny Gurney at the Fynvola Foundation, Marshall's Aerospace and Defence Group, Dorothy Pritchard from Warrington Mencap, The Quemby family from Down's Syndrome Ok, Dr Ursula Quinn, the staff at the Wellcome Trust Clinical Research Facility and those at the Wolfson Brain Imaging Centre. And a special thanks

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