ROGUE RESOLUTIONS
Integrated Solutions for Neuroscience

Press Release

Two up-and-coming researchers receive prizes to undertake studies from leading neuroscience company.

Siddharth Kohli of Manchester University and Helen Nuttall of University College London win prizes to carry out research into language and mental health care.

Cardiff, June 27, 2016: Two neuroscience researchers have won prestigious prizes to advance their studies following an inaugural international competition run by Rogue Resolutions, a life sciences company based in Cardiff, South Wales.

The Rogue Resolutions Challenge is a competition specifically designed for integrated, multi-modal brain stimulation and brain imaging studies and for those who aspire to build a name for themselves in this field. The techniques covered include fNIRS, TMS, tDCS, tACS and EEG.

Siddharth Kohli of Manchester University's research focuses on online artifact removal of tACS from EEG, to provide unique insight and applications of tACS in mental healthcare. Novel applications of tACS stimulation will be investigated to provide a closed loop BCI that allows customised stimulation based on ongoing activity.

"This is a unique and great opportunity to implement our ideas using state of the art equipment," said Siddharth. "Personally, it provides me a great platform to exhibit potential applications of my work during my PhD, which is crucial as I start my career as a young researcher."

Helen Nuttall of UCL's research will test how, in order to understand speech, the hearing centre of the brain works together with brain regions that control lip and tongue movements. She is particularly interested in how this relationship works in challenging listening conditions, such as background noise, and will use a combination of Transcranial Magnetic Stimulation (TMS), Motor Evoked Potentials (MEP), and Electroencephalography (EEG) to test her hypothesis.

"I am absolutely delighted to have won the Rogue Resolutions Challenge, and the data collected as part of this proposal will be invaluable for preparing a grant application," Helen said. "Thank you very much, Rogue Resolutions, for giving me this opportunity!"

The comprehensive first prizes will allow the young researchers to complete a proof of principal or pilot study, boost their CVs, learn new skills and make new valuable networking connections. The prize comprises:

- Loaning of research equipment for 3 months
- Expert technical help, product support and training
- Funding to present at an international conference

To enter, participants were asked to summarise their own novel research proposal on one side of A4 and submit this online. Steve Oldfield, Rogue Resolutions' Marketing Manager, says "Over 30 high quality multi-modal research proposals from across the globe were submitted. We were staggered by the quality of what was pitched, to the extent that we awarded a joint first prize."

Andrew Thomas, Managing Director of Rogue Resolutions, says "We are committed to young researchers in the neuroscience field. In January 2016 we launched this exciting initiative to offer an opportunity for researchers to kick-start their career. The response we had was phenomenal. We envisage this prize will be the first of many in the years to come."

The judging panel for the Rogue Resolutions Challenge were:

- Professor John Rothwell, UCL
- Professor Paul Taylor, LMU Munich
- Dr Charlotte Stagg, University of Oxford
- Dr Sven Bestmann, UCL
- Dr Michael Banissy, Goldsmiths University of London
- Dr Ricci Hannah, UCL
- Dr Joe Devlin, UCL

For more information about the Rogue Resolutions Challenge or Rogue Resolutions in general, please call Steve Oldfield via 07538 314 216 or email steve@rogue-resolutions.com

Please also visit www.rogue-resolutions.com

For immediate release

Rogue Resolutions Ltd is a provider of products and product integration services to academic researchers in the field of neuroscience. Products include brain stimulation, brain imaging, neuronavigation and eye tracking devices. Rogue is not a manufacturer of these products, but has numerous agreements in place to sell and distribute these products all over the world.

The company has been operating since July 2010 and was founded by Andrew Thomas and Dan Phillips, both of whom had worked for a manufacturer of a specific type of brain stimulation devices. They had identified an opportunity to offer a broader range of products and that delivered a service focused on helping academic researchers make use of multiple research techniques. The company has grown recently and now has 5 employees.