



Crossing the boundaries between art and science...



Dr Lizzie Burns

Bringing science to life...

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**Bliss or Blues; Rapture or Rage
British Neuroscience Association at the BA Festival of Science 2010**

Art-science workshop aims:

- To engage and inspire participants about our brains
- To encourage participants to express their views
- To spark conversation and the imagination!
- To bring in a different audience
- Publicity - creations to be photographed, worn and seen by others at Festival

A drop-in event – Dr Lizzie Burns in collaboration with Elaine Snell

- Lizzie will encourage participants to find out about the brain and their emotions and then create a mask to express their feelings.

Preparation:

- Background material on emotions and the brain
- Workshop materials – art materials including masks (£0.72/each)
- Possible flier/poster/masks for advertising event
- Setting up and running session – ideally drop-in during lunch



"Emotions running high, if you bottle them up they come out sooner or later"

Art-science workshop – What's inside your head?

Drop-in, free and open to all ages

What do your emotions look like? Find out how your brain generates feelings with artist and scientist, Dr Lizzie Burns, and create a mask showing how you feel on the inside. Get messy, have fun and express yourself.

All masks to be brought home!

Dr Lizzie Burns - *Bringing science to life...*

February 19th 2010



Dr Lizzie Burns has always combined a deep and active interest in science, art and education. She gained a doctorate from the Department of Biochemistry in the University of Oxford followed by a 3-year research Fellowship before becoming a full-time artist in 2002 working for the Medical Research Council (MRC). She has created a large collection of over 45 paintings and photographs inspired by biomedical research funded by the MRC. Her work has been exhibited in the UK and in India at the invitation of the British Council. She has received a large number of commissions from universities, institutions, individuals and companies and recently a large commission from GlaxoSmithKline. She is currently artist-in-residence in the University College Hospital in London. She is also working on creating a collection of jewellery and ties based on scientific themes. Her work has been described by the government's previous Chief Scientific Adviser, Sir David King as *'an exciting, refreshing, optimistic view of medical sciences in oils. Brilliant'*.



Science through Art: Lizzie has used her unique background in science, art and teaching to develop a wide variety of workshops to inspire children and adults about the biomedical sciences. She has collaborated with over 80 scientists to find new ways to communicate their subject and convey their passion for science. During the past 3 years Lizzie has single-handedly run over 300 workshops in schools and science festivals involving over 20,000 people.



Lizzie has received grants from the Committee for Public Understanding of Science and commissions from the British Museum and the Hayward Gallery to work on educational projects. A recent project encouraging school children to ask questions about medicine was awarded a prize in the House of Commons. She has been involved in eight events for the Science Museum's Dana Centre including an event for Tate Modern and for the Science Museum's Antennae. She has run projects for the BA Festival of Science, the Cheltenham Science Festival and the Cambridge Science Festival with sponsorship from the Medical Research Council and the Wellcome Trust. Lizzie has also written a science-inspired play 'Autodestruct: the ultimate cure for cancer' which was performed at the Edinburgh Festival and for an ethics course in the University of Oxford.

Publications: Her work using art to engage the public with science and as the scientific consultant for Hollywood Math and Science Film Consulting has featured on BBC Radio 4's Midweek and in the Guardian, the Daily Telegraph, the Times, the British Medical Journal and newspapers and radio programmes around the world.