



# LAURA JADE

Lighting | Art | Science | Design

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I am a Sydney born illumination artist and interaction designer, my work fuses the multidisciplinary fields of art, biology, illumination design, neuroscience and BCI (brain-computer interface) technology to explore new ways to perceive and interact with our inner biological processes. I create unique interactive experiences and workshops for events, festivals and museums that revolve around science communication. For the last 2 years I have been the creative director of Brainlight an interactive brain installation that uses EEG technology to illuminate your live brain activity. As an artist/designer, I have created work for international festivals such as Athens Digital Arts Festival, Ars Electronica and Australian festivals including Vivid, BEAMS & Woodford Folk Festival and exhibited at major institutions across Australia, including the Museum of Contemporary Art, The Powerhouse Museum, the Australian Museum, the S.A Natural History Museum. I recently completed an artist in residence at NES studio's in Iceland continuing my research connecting neuroscience and bio-rhythms and electromagnetic fields.

## EDUCATION

- 2014-2016 MA Illumination Design, University of Technology
- 2012-2013 Curatorial Museum Studies, University of Sydney
- 2011-2012 BA Biology & Science Communication, Macquarie University
- 2005-2007 BA Fine Art, National Art School, Sydney

## RELEVANT WORKS

### **BRAINLIGHT 2015-2017**

*Brainlight* integrates biology and illumination design into an interactive, sculpture cut from perspex and engraved with neural networks. Collaborating with neuroscientist Peter Simpson-Young and programmer Sam Gentle, the brain sculpture lights up in response to changing brain activity transmitted from an EEG (electroencephalography) wireless headset. BRAINLIGHT was Laura's major research project for her Masters of Illumination Design at the University of Technology, Sydney and was created during a CULTURE AT WORK 2015 art + science residency program.

### **PSYCHO-ECOLOGY OF ENERGETIC CURSES 2016**

The *Psycho-Ecology of Energetic Curses* was an exploration of the history and the curse, of Lokrum Island, Dubrovnik in Croatia. Created during the final day of a 10 day residency organised by the UR Institute and hosted in the in the Natural History Museum, Dubrovnik, Croatia. The work experimented with ways of storytelling and passing on myths through sensory learning and interaction design using video, sound, electronics and conductive drawing. The audio also contains traces of interviews I conducted with locals about their personal experience of the curse and the islands history. The concept of the work touches upon ecology, bio-ethics, ownership and policy, and mythology as a nature preservation device.

### **LUCIFERIN 2014**

Luciferin is a trio of interactive wearable textile luminaires inspired by the Elizabethan era of fashion and the enlightenment era of science. Inspired by transhumanist ideologies where biology and technology work in symbiosis to enhance human capabilities and fundamentally transform the human condition in the next stage of technological (r)evolution, it is an exploration o the fusion of aesthetics, science and technology in wearable computing and performance.

# DESIGN EXPERIENCE

- 2017 **Exhibition Designer**  
500 Year Anniversary of Martin Luther Exhibition, Berlin
- 2016-2017 **Stage Designer**  
Junkyard Beats Australia Day
- 2015-2017 **Lighting Designer**  
Brainlight Interactive Entertainment
- 2016 **Costume Designer**  
World Of Wearable Art, New Zealand
- 2016 **Lighting Designer**  
Vivid Ideas Switch Panel Event
- 2015 **Lighting Designer**  
Art Bar, Museum Of Contemporary Art
- 2015 **Lighting Designer**  
Woodford Folk Festival
- 2012-2015 **Lighting Designer**  
Beams Festival, Creative Chippendale Precinct
- 2015 **Lighting Designer**  
Captain Kickarse and the Awesomes
- 2015 **Lighting Designer**  
Gallery Lane Cove, Sunset Festival
- 2015 **Lighting Designer**  
Guy Sebastian Concert
- 2015 **Lighting Designer**  
Anzac Day, Goulburn War Memorial
- 2014 **Lighting Designer**  
Brand X
- 2014 **Costume Designer**  
Sydney Design Week
- 2014 **Lighting Designer**  
Vivid Festival, Sydney

# AWARDS, RESIDENCIES & SCHOLARSHIPS

- 2016 Artist in Residence at UR institute, Dubrovnik Natural History Museum, Croatia
- 2016 Artist in Residence at NES Studios, Iceland
- 2016 Finalist in World Of Wearable Art competition (WOW), NZ
- 2015 Invited as keynote speaker to the Hoy Es Diseno (Design Today) Conference, ICESI University, Cali, Colombia
- 2015 Art + Science research residency at Culture At Work
- 2014 Finalist in the Waterhouse Natural History Art Prize, SA Museum
- 2014 Finalist in the Chippendale New World Art Prize, NG Gallery, Sydney
- 2013 Winner of the Toulouse Lautrec portrait competition, National Gallery of Australia, Canberra
- 2012 Awarded "Highly Commended" and chosen for Travelling Exhibition, National Archives of Australia, Canberra
- 2012 "Highly Commended" Waterhouse Natural History Art Prize, S.A Museum, Adelaide

- 2012 Invited to be an artist for the 44th International Artist Residency and Symposium, Gyor, Hungary
- 2012 Woollahra Small Sculpture Prize Finalist, Double Bay, Sydney
- 2011 Lloyd Rees Youth Art Award Finalist, Lane Cove Gallery, Sydney
- 2011 "Patron Commendation Award" Brain Art Exhibition, Global Gallery, Sydney
- 2004 Scholarship, Life Drawing Short Course, National Art School, Sydney
- 2003 Drawing and Illustration, Short Course  
Scholarship, Whitehouse Institute of Fashion and Design, Sydney

# SELECTED EXHIBITIONS

- 2017 *Brainlight*, GOGBOT Festival, Enschede, Netherlands
- 2017 *Brainlight Athens Digital Art Festival*, Greece
- 2017 'When we were kids...' 'VIVID Festival, Sydney
- 2017 *Brainlight*, Illuminate Festival, Wagga Wagga
- 2017 *Baptism*, celebrating the 500 Year Anniversary of Martin Luther, Berliner Dom Crypt & Einsbach, Germany.
- 2017 *Micro-Botany of Iceland*, Miniature Exhibition, CoLab Gallery, Chippendale, Sydney
- 2016 *World Of Wearable Art* (WOW) Museum, Wellington, New Zealand.
- 2016 *Interacting Art*, Raumschiff Gallery, Ars Electronica Festival, Linz, Austria
- 2016 *The Mysterious World of Underground Science Exhibition*, Lazareti, Dubrovnik, Croatia
- 2016 *A Night Of Disruptive Ideas*, Vivid Festival, Cell Block Theatre, NAS, Sydney
- 2015 *Hoy Es Diseno* (Design Today) Conference, ICESI University, Cali, Colombia
- 2015 *BRAIN LIGHT*, Artbar, Museum of Contemporary Art
- 2015 *BRAIN LIGHT*, Kensington St Faire & Beams Festival
- 2015 *BRAIN LIGHT*, Powerhouse Museum, Maker Faire, Sydney
- 2015 *BRAIN LIGHT*, Australian Museum, Sydney
- 2015 *Brain Light Project launch*, Accelerator Gallery
- 2015 *Scientia |Art + Science*, Art Est. Gallery, Sydney
- 2015 *Fractured Infinity*, Light Art Exhibition, Gallery Lane Cove
- 2014 *The Liminal Zone*, Vivid Festival, Sydney
- 2014 *Luciferin*, Chippendale New Word Art Prize, NG Gallery, Sydney
- 2014 *What is Light?*, Infinity Room Installation, Brand X Gallery
- 2014 *White Parazoa III*, National Archives of Australia, Waterhouse Art Prize travelling exhibition
- 2013 *White Parazoa III*, Accelerator Gallery, Sydney
- 2013 *White Parazoa III*, Waterhouse Natural Science Prize, SA Museum, Adelaide
- 2013 *White Parazoa*- series II, Hub Gallery, Sydney
- 2013 *White Parazoa*, series II, Graphis Fine Art

- Gallery, Woollahra, Sydney
- 2012 *White Parazoa- Cabinets of Curios*, National Archives of Australia, Canberra
- 2012 *White Parazoa- Cabinets of Curios* Waterhouse Natural History Art Prize, S.A Museum, Adelaide
- 2012 44th International Art Residency, Napoleon Museum, Hungary
- 2012 *White Parazoa- Cabinets of Curios*, Lane Cove Gallery
- 2011 *White Parazoa- Cabinets of Curios*, Woollahra Small Sculpture Prize, Double Bay, Sydney
- 2011 *Skull*, Lloyd Rees Youth Art Award, Lane Cove Gallery, Sydney
- 2011 *Portrayal*, Solo Exhibition, Lane Cove Gallery
- 2011 *Brain Art*, Group Exhibition, Global Gallery, Sydney
- 2010 *Shop Art*, London Graphic Centre Covent Garden, London
- 2008 *Stapled to the Ceiling*, Stoic Gallery, Sydney
- 2007 *Graduation Show*, National Art School, Sydney