



LAURA JADE

Lighting | Art | Science | Design

ABN: 27459757200

e: laura@laurajade.com.au

m: +61434231593

laurajade.com.au | brainlight.com.au

Laura Jade is an Australian illumination artist and interaction designer whose work fuses the multidisciplinary fields of art, biology, illumination design, neuroscience and BCI (brain-computer interface) technology to explore new ways of perceiving and interacting with our inner biological processes.

Laura has a multidisciplinary background, holding a Masters in Illumination Design from the University of Technology Sydney, a degree in Fine Art and further studies in biology, science communication, curation and museum studies. Laura is also the creative director of Brainlight, an interactive brain installation that lights up with the power of your mind.

In 2015 Laura completed her Masters of Design alongside a research art residency at Culture at Work linking the multi-disciplinary fields of art, illumination design, neuroscience and brain-computer interface technology through illuminated installations. She was subsequently invited to present a keynote demonstration of her project Brainlight at the 'Hoy Es Diseno' (Design of the Future) conference at ICESI University, Cali Colombia in 2015.

In October 2016 Laura was artist in residence at NES studio's in Iceland furthering her research in neuroscience and bio-rhythms and electromagnetic fields. During the same year, she was also artist in residence at the Natural History Museum in Dubrovnik, Croatia, researching the Island of Lokrum and its connection to the preservation of nature through the "psycho-ecology" of curses. Her research resulted in an interactive exhibition at Lazareti Gallery in Dubrovnik. While in Europe, Laura was also invited to exhibit Brainlight at the new media arts festival Ars Electronica in Linz, Austria.

Laura exhibited at the 2017 Athens Digital Art Festival in Greece and was one of six internationally invited artists to create work for the 500 year anniversary of Bach and Martin Luther which resulted in a travelling exhibition shown in the crypt of the Berliner Dom, in Berlin, Germany and Eisenach Cathedral, Germany.

Laura has had her work presented at many Australian festivals including Vivid, BEAMS, Woodford Folk Festival and Sydney Science Festival. She has exhibited at major institutions across Australia, including the Museum of Contemporary Art, The Powerhouse Museum, the Australian Museum, the S.A Natural History Museum and the National Archives in Canberra.

EDUCATION

2014-2016	MA Illumination Design, University of Technology
2012-2013	Curatorial Museum Studies, University of Sydney
2011-2012	BA Biology & Sci-comm, 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 interview recorded 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.

DEEP WATER AURORA 2016

A light and dance performance in collaboration with Canadian dancer Lydia Zimmer and Australian photographer Georgina Campbell. The work was created inside a large disused fish freezer during an artist in residence program at NES Studios in Skagastrond, Iceland. Phosphorescent powder was painted on Lydia's hands and activated with light while she developed an improvised dance and movement vocabulary that explored an embodied experience of the deep sea and aurora borealis.

LUCIFERIN 2014

Luciferin is a trio of interactive wearable textile luminaires that respond to a dancers movements. Inspired by the Elizabethan era of fashion and the enlightenment era of science, the work explores wearable computing and performance within a framework of posthumanist 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.

DESIGN EXPERIENCE

LIGHTING DESIGNER 2018

ELLExMG3

Lighting designer for ELLE magazine for the new MG launch event at Carriageworks, Sydney. An MG car was projection mapped with a live visualisation of neural networks which was controlled via a wireless EEG headset worn by audience members allowing people to control the hue of the car with their mind.

STAGE DESIGNER 2016 - 2019

www.junkyardbeats.com

Theatre Designer for the rhythm group Junkyard Beats. The various stage sets are designed and constructed out of collected recycled materials and have been installed in both indoor and outdoor theatres as well as on a barge that roved Sydney Harbour entertaining audiences around Darling Harbor, Circular Quay and Athol Bay.

LIGHTING DESIGNER 2015 - present

www.caveurban.com

Invited as a lighting designer for architectural group Cave Urban as part of the "Special Projects" crew to illuminate bamboo architecture and performance venues (interiors and exterior) for Woodford Folk Festival.

LIGHTING DESIGNER 2012 - 2015

www.chippendalecreative.com

Lighting designer for the Creative Chippendale Precinct including BEAMS Festival, Kensington Street Launch Party, Kensington Street Faire, creating immersive environments and playful situations with projections, fabric, interactive artworks and facilitation of BRAINLIGHT.

CREATIVE DIRECTOR 2015 - present

www.brainlight.com.au

Creative director and developer of BRAINLIGHT, an interactive illuminated sculpture used for educational entertainment for conferences, festivals and events, developed in collaboration with a neuroscientist and software developer.

LIGHTING DESIGNER 2015

Special lighting design and implementation for the Rocky Hill War Memorial in Goulburn for the Anzac Day 100 years event in collaboration with Turkish/Australian Lighting Designer Emrah Baki Ulas.

LIGHTING DESIGNER 2014

Lighting designer of an interactive light and sound installation at Sydney Vivid Light Festival, titled 'Liminal Zone', the design involved the movement and interaction of 400 LED strip lights that were programmed to be activated by passersby in union with 13 minute soundscape.

AWARDS, RESIDENCIES & SCHOLARSHIPS

- 2019 Artist in Residence, Waverly artist studio program
- 2019 Artist in Residence, World Bamboo conference, India
- 2016 Artist in Residence, Textile Studios, Blonduos Iceland
- 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

- 2019 *Micro- Botany of Iceland*, TWELVE exhibition, Art Est, Sydney
- 2018 *Brainlight*, MG3 X ELLE event, Carriageworks, Sydney
- 2018 *Brainlight*, collaborative performance with Sydney Art Quartet, The Yellow House, Sydney
- 2017 *Brainlight*, GOGBOT Festival, Enschede, Netherlands
- 2017 *Baptism*, celebrating the 500 Year Anniversary of Martin Luther, Berlin Cathedral Crypt & Einsenach Cathedral Crypt, Germany
- 2017 *Brainlight*, Athens Digital Art Festival, Greece
- 2017 *'When we were kids...'* 'VIVID Festival, Sydney

2017 *Micro-Botany Of Iceland*, Miniature group show, Collab Gallery, Sydney

2017 *Brainlight*, Illuminate Festival, Wagga Wagga

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