

FRANCESCA PERONA

Contact

+44 7775321384
francesca.perona@gmail.com
francescaperona.com

Referees

Prof. Raymond Oliver - Northumbria University
raymond.oliver@northumbria.ac.uk
Carolina Paz - Unilever Packaging Manager
carolina.paz@unilever.com

Work Experience - past

3D R&D DESIGNER

06. - 09. 2016
Dept. of Sociology, Goldsmiths University

Working on the ERC Citizen Science project led by Dr. Jennifer Gabrys. Role: 3d printing materials research, 3d CAD design, testing and management of production of organic porcelain sculptures containing particulate matter sensing equipment. Contributing to PCB design guidelines for electronics production.

SENIOR RESEARCH ASSISTANT

01. 05. - 02. 10. 2015
School of Design, Northumbria Univ., Newcastle

Interdisciplinary research project for industry partner exploring adoption of innovative materials in packaging (Horizon 2020). Working with a network of Unilever Packaging Managers to identify:
- materials creating better user experience opportunities
- high performing materials with lower environmental impact
- material processes for more efficient industrial processes
Responsible for design and fabrication of tangible prototypes demonstrating applications with Shape Memory Polymers.

RESEARCH ASSISTANT

01. 04. - 31. 08. 2014
P3 D:STEM LAB, Northumbria Univ., London

Interdisciplinary research project for Philips Design & Innovation focusing on the application of responsive 'soft' technologies in future home environments, health care services and consumer lifestyle products. Responsible for:
- identifying opportunities in skin-care
- design and fabrication of prototypes demonstrating volume-change applications for future skin sensing products

VISITING FELLOW

28. 01. - 30. 06. 2013
School of Creative Media, City University of Hong Kong, Hong Kong

Research Assistant and Teaching Assistant of Prof. Jane Prophet

Collaboration with the Biology and Chemistry Department on a range of cross-departmental initiatives

Collaboration with the Office of Education Development and Gateway Education

TEXTILE & TREND RESEARCHER

12. 2008 - 03. 2010
Chiron SNC, Como (IT)

Trend forecasting for textile collections
Colour trend forecasting
Digital textile design
Layout design for trend books
Video editing for seasonal trend forecasting presentations
Conceptual development and technical planning for fairs and events

DIGITAL PRINT DESIGNER

02. 2008 - 11. 2008
Selecta Como SPA, Lurate Caccivio (IT)

Digital print design
Colourways design
Pre-production colour testing
In charge of external relations with cylinder engraver technicians and ink-jet technicians

PRINT DESIGN INTERN

07. 2007 - 10. 2007
EDA SPA, Garbagnate Monastero (IT)

Digital print design for Interior design collections

Work Experience - ongoing

MOUTH CTRLER commission

06. - 11. 2016
Science Gallery London / King's College London

Part of the Science Gallery London MOUTHLY season commission. Collaboration with maxillofacial reconstruction researcher Dr. Trevor Coward on designing and prototyping electronic prosthetic devices fitted in the mouth.
Development of a series of interactive workshops and participatory events aiming to engage the public in co-designing applications and testing devices.

CARBON POSITIVE (self-initiated)

01. 2016 - ongoing

Collaboration with Microsystems group at TU/Eindhoven. Looking at reproducing bio-mineralisation with microfluidic systems as Direct Air Capture technique. Focus on sustainability, bio-mimicry and circular approaches to materials design.

SESSIONAL LECTURER

02. 2016 - ongoing
Ravensbourne University, London

Lecturer on the Product Design and Design&Coding courses

STEAM EDUCATION PROJECT LEAD

12. 2013 - ongoing
Ideas College / Ideas Foundation, London

Development, management and dissemination of creative projects integrating digital learning (programming, electronics and fabrication) in the National Curriculum. Working with charities, industry partners, universities, funding institutions and selected local schools to deliver program.

CARDIFF MET / FABLAB ASSOCIATE

01. 2016 - ongoing
Fab Lab Cardiff, Cardiff

Development of workshops and short courses focusing on digital design and digital fabrication in collaboration with CSDA Research & Enterprise

FABLAB LONDON ASSOCIATE

01. 2016 - ongoing
Fab Lab London, London

Working with the UAL Camberwell, Chelsea and Wimbledon (CCW) Digital Learning team on a series of workshops for members of staff and students on Arduino, digital technologies and IoT

TREND RESEARCH CONSULTANT

03. 01. 2014 - ongoing
Chiron SNC, Como (IT)

Trend forecasting and audio-visuals production for textile collections

Education

FAB ACADEMY DIPLOMA

26. 01. - 13. 06. 2015
MIT / FAB LAB Barcelona, Barcelona (ES)

MA COMPUTATIONAL ARTS (Distinction)

09. 2011 - 09. 2012
Goldsmiths University, London

BA TEXTILE DESIGN (with Honours)

09. 2004 - 09. 2007
IED Moda Lab, Milan (IT)

LICEO SCIENTIFICO DIPLOMA (88/100)

(Scientific High School)
09. 1999 - 07. 2004
Istituto Aldo Moro, Rivarolo (IT)

Selected Workshops

2016. 09. 17 & 20. **MOUTH CTRLER DEVELOPMENT WORKSHOP**, Health Foundry
2016. 08.-13. 07. **OPEN SCIENCE SCHOOL COLAB SESSIONS**, Cambridge Makerspace
2016. 17. 05. **DIGITAL MAKER WEEK - IOT**, UAL Chelsea London
2016. 04. 05. **EMERGENT TECHNOLOGIES IN ART & DESIGN**, UAL Chelsea London
2016. 26. 04. **IOT FOR DESIGNERS AND ARTISTS**, Fablab London
2016. 21. 04. **ARDUINO FOR ARTISTS AND DESIGNERS**, Fablab London
2016. 22. 03. **ARDUINO FOR ARTISTS AND DESIGNERS**, Fablab London
2016. 09. 02. **TANGIBLE INTERFACES DESIGN**, Ravensbourne University London
2015. 21. 03. **DESIGNING WITH SMART MATERIALS**, Telegraph Hill Festival London
2013. 03. 11. **LIMINAL CITY LIGHTS**, Hannah MacLure Centre Dundee
2013. 06. 07. **PAPER ELECTRONICS E&C MAKER FAIRE**, UAL LCC London
2013. 01. 03. to 26. 06. **CRAFT CONVERSATIONS SERIES**, Wooferten Hong Kong
2013. 01. 05. to 15. 06. **ADDICTED TO DISCOVERY SUMMER PROGRAM**, Biology & Chemistry Department, City University of Hong Kong
2013. 01. 02. to 15. 06. **INTERDISCIPLINARY PRACTICES (TA)**, School of Creative Media, City University of Hong Kong
2013. 15. 01. **ARDUINO & SMART MATERIALS**, UAL CSM London
2012. 02. 17-18. **3D PRINTING WORKSHOP**, V22 London

Selected Talks

2016. 08.-13. 07. **THE POWER OF DESIGN**, Cambridge Makerspace
2016. 20. 05. **BIO ART & DESIGN AWARD - CARBON POSITIVE PROJECT**, Stroom Gallery Den Haag (NL)
2016. 04. 05. **EMERGENT TECHNOLOGIES IN ART & DESIGN**, UAL Chelsea London
2016. 19. 03. **WOMEN IN AVIATION, ENGINEERING AND SCIENCE**, Royal Airforce Museum London
2016. 15. 02. **DORKBOT EVENT**, London
2015. 21. 03. **DESIGNING WITH SMART MATERIALS**, Telegraph Hill Festival London
2014. 25. 11. **V&A - CAREERS IN DESIGN**, Victoria & Albert Museum London
2014. 20. 06. **DIGITAL ENCOUNTERS SYMPOSIUM**, UCA Canterbury
2014. 21. 01. **V&A - DIGITAL FUTURES OPENING EVENT**, Victoria & Albert Museum London
2013. 05. 11. **BBC RADIO SCOTLAND INTERVIEW**, Dundee
2013. 02. 11. **MWM CREATIVE DUNDEE**, Dundee

Selected Exhibitions

2016. **MOUTHLY**, Science Gallery London
2015. **A TACTILE EYE solo exhibition**, Hill Station London
2014. **V&A DIGITAL DESIGN WEEKEND 2015**, Victoria & Albert Museum London
2014. **CRYSALIS PROJECT - DIGITAL ENCOUNTERS**, UCA Canterbury
2013. **LIMINAL CITIES solo exhibition**, Hannah MacLure Centre at Abertay University Dundee
2013. **COMPUTATIONAL ARTS SHOW**, Watermans Centre London
2012. **NOWHERE SHOW**, Goldsmiths University London
2012. **V&A DIGITAL FUTURES**, Victoria & Albert Museum London
2012. **GAME OF LIFE**, [Space] Studios London

Awards and Sponsorships

2016. **HACK THE SENSES HACKATON - 2nd prize**, FabLab London
2016. **BIO ART AND DESIGN AWARD - finalist**, NWO / ZonMW / MU Artspace / Waag Society / Eindhoven University of Technology / BioArt Laboratories (NL)
2016. **MOUTHLY COMMISSION**, Science Gallery London
2015. **ULTIMAKER SPONSORSHIP**, London
2015. **FAB ACADEMY SCHOLARSHIP**, IAAC + FabLab Barcelona
2013. **NEON DIGITAL ARTIST 2013 COMMISSION**, NEoN + V&A Dundee Committee, Dundee
2013. **IMAKER SPONSORSHIP**, London
2013. **SYMBIOTICA RESIDENCY**, University of Western Australia, Perth, Australia (Not completed due to lack of funding)
2012. **VISITING FELLOWSHIP**, City University of Hong Kong
2009. **INTERTEXTILE SHANGHAI Italian Textile Trend Area**, Shanghai
2009. **INTERTEXTILE BEIJING Italian Textile Trend Area**, Beijing
2007. **MY OWN WAY**, IED Moda Lab Milan
2007. **UNICEF FASHION COMPETITION - among 10 winners**, Italy