

## ESERA 2019 Pre-Conference Workshop

### **SIG3: Science education in out-of-school contexts**

**The beauty and pleasure of understanding in out-of-school settings: engaging with ethical research challenges.**

Pre-conference workshop at ESERA 2019 Monday 26<sup>th</sup> August 2019, 9.30am -11.45

Location: **Fondazione Golinelli**, Palazzo della Cultura e dei Congressi  
(address) Piazza della Costituzione, 4/a 40128 Bologna  
<http://www.bolognacongressi.it/en/home>

Max. number of participants: 35

### **Workshop facilitators**

**Emily Dawson, Department of Science & Technology Studies at University College London, UK**

Emily Dawson is associate professor at Univeristy College London (UCL). Her research explores how people learn about and engage with science, with an emphasis on inclusion and social justice. Her current project is called Youth Equity and STEM, which is developing evidence-based approaches to building informal science learning practices that support minoritised youth to enjoy, engage with and learn about science.



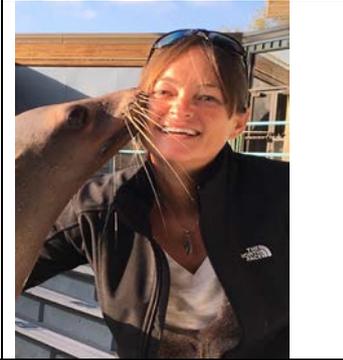
**Melissa Glackin, Education, Communication and Society, King's College London, UK**

Melissa Glackin is lecturer of science education at King's College London. Her research focuses on teaching science outside the classroom and the place of environmental education in schools. Melissa is currently working on a national review of environmental education in Japanese high schools.



**Patricia Patrick, Counseling, Foundations and Leadership, Columbus State University, USA**

Patricia Patrick is assistant professor at Columbus State University. Her work focuses on the importance of social interactions and the importance of those interactions within families. Her current project is applying actor network theory to understand family interactions at the Museum fur Naturkunde (Berlin), Tennessee Aquarium (USA), and Oxbow Environmental Learning Center.



### Workshop abstract

**Fondazione Golinelli**, which opened 1988, is a unique living experiment that aims to ‘provide the younger generations with new tools to understand the future that awaits them so that they can become tomorrow’s actively responsible protagonists’. As well as understanding how **Fondazione Golinelli** has become established, we will examine how the ‘open ecosystem’ enables activities including education, training, research, technology transfer, incubation, acceleration, venture capital, dissemination and the promotion of the sciences and arts. Following a guided tour and insights into this model, we will explore how out-of-classroom settings, such as Golinelli, as well as present exciting opportunities for research also throw up ethical dilemmas, many of which have no easy solutions. We invite ESERA members to share the ethical challenges they have faced when researching out-of-classroom education – and possibly leaving with a solution to a tricky current ethical research conundrum.

### Workshop description

9-9.30 Arrival

9.30-10.30 Guided tour of Opificio Golinelli

Short break

10.45-11.45 Workshop: ethical research challenges in out-of-classroom settings

12 Commence travel to Bologna University.

### Travel

Opificio Golinelli is not in the city centre but there is a bus from the railway station.

From the railway station to Fondazione Golinelli you need to take bus number 35 and get off the bus at the stop named "Rotonda Granatieri" (close to the Hospital) and then there are 5 minutes by walking.

For going back to the conference centre you need to take the same bus (on the other side of the street). You will pass in front of the railway station (don't exit) and then get off at bus stop named "Fiera Palazzo Congressi".

Google maps: <https://www.fondazionegolinelli.it/chi-siamo#come-raggiungerci>

### Venue

#### **Fondazione Golinelli**

Set up in Bologna in 1988 by entrepreneur and philanthropist [Marino Golinelli](#). It is now the only example in Italy of an operative private philanthropic foundation inspired by the Anglo-Saxon model. It deals with education, training, research, innovation, enterprise and culture. The objective is to provide the younger generations with new tools to understand the future

that awaits them so that they can become tomorrow's actively responsible protagonists. It develops innovative projects that create links between the school, university, research and entrepreneurial worlds and that integrate art, science and technology. Fondazione Golinelli spreads high-quality content through exhibitions, workshops, courses and conferences to people of all ages.

For more information visit: <https://www.fondazionegolinelli.it/>

To register click [here](#)