



# University of Barcelona - Downing College MCR, University of Cambridge Early Career Researchers' Day: Building Bridges!

Friday 26 July 2024

Venue: *Aula Joan Maragall (Facultat de Filologia i Comunicació de la Universitat de Barcelona, Pati de Lletres- Gran Via de les Corts Catalanes 585, 08007 Barcelona)*

8:45h **Registration** and poster installation

9:00h **Welcome address** by the Rector of the UB, Prof. Joan Guàrdia, the Vice-Rector for Doctoral Studies, Trainee Research Staff and Talent Attraction, Dr Maria Feliu and the Vice-Rector for Research, Prof Jordi Garcia

09:15h **Oral presentations I**

*Chairperson: Chara Triantafyllidou, PhD student and co-organizer of the day*

- **Hongwei Xu** - PhD in Applied Economics: *Impact of Straw Burning on Air Quality in China.*
- **Eulàlia Busquets de Jover** - PhD in Physics: *Sea Surface Temperature (SST) Updating Impacts on WRF Model over Northwestern Mediterranean Sea.*
- **Claudia Perez-Calles** - PhD in Bioinformatics: *Evolution of Toxin Resistance in the Grasshopper Mouse.*
- **Gerard Quílez Relaño** - PhD in Social and Organizational Psychology: *Dialogic process in masculinity development in public spaces*

10:45h **Coffee break** and **posters session**

11:30h **Oral presentations II**

*Chairperson: Claudia Perez, PhD student and co-organizer of the day.*

- **Nina Prusac** - PhD in Law (Human Rights Law): *Corporate Human Rights: Challenging the Legitimacy of Human Rights Law.*
- **Gerard Esteruelas Navarro** - PhD in Drug Research, Development and Control: *Application of Nanomedicine in Neurodegenerative Diseases.*
- **Alejandra Linares Figueruelo** - PhD in Society and Culture: History, Anthropology, Art and Heritage: *Global Museums, Local Stories: Satellite Museums amidst New Cultural Cartographies.*



- **William Smith** - PhD in Climate Science: *Fighting Global Warming with Whiter Clouds.*

13h **Lunch break**

13:45h **Guided visit** to the Historical Building of the UB

15h **Oral presentations III**

*Chairperson: Gerard Esteruelas, PhD student and co-organizer of the day.*

- **Siong Chen Meng** - MPhil in Biophysics: *Nanopore Sensing for RNA Structural Modifications.*
- **Elena Jorda Santana** - PhD in Business: *Has the Covid-19 Pandemic Crisis Acted as a Mitigating Effect on the Relationship between Integrated Reporting Quality (IRQ) and the Cost of Debt of Companies (Kd)?*
- **Constantino Andrés Molina** - PhD in Genetics: *A Green Bright Future. CRISPR-Cas9 and GFP in the Study of *Oikopleura dioica*.*
- **Sophie Parish** - MPhil in Development Studies: *Governing Sacrifice in the 'Chilean Chernobyl': The Power and Politics of Extraction in Quintero-Puchuncaví, Chile.*

16:30h **Concluding remarks** by the Vice-Rector for Doctoral Studies, Trainee Research Staff and Talent Attraction, Dr Maria Feliu, the Vice-Rector for Research, Prof Jordi Garcia and the co-organizers of the day (Claudia Perez, Gerard Esteruelas, Chara Triantafyllidou, Rick Aiyer and Felix Prutton)

17h **End of the day**

*Organizing Committee: Dr Maria Feliu (UB), Prof Jordi Garcia (UB), Dr Amanda Fillat (UB), Claudia Perez (UC), Gerard Esteruelas (UB), Chara Triantafyllidou (UC), Rick Aiyer (UC) and Felix Prutton (UC).*

**Book of abstracts**

