

# **UK Reproducibility Network**

Newsletter • March 2021

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### UKRN's annual meeting, and the future

We were delighted by the turnout at our recent annual meeting, on Friday 5th March 2021. We had 126 registrants for the meeting, representing Local Networks, Institutions, External Stakeholders, Supported Initiatives, the UKRN Academy, and our partner International Reproducibility Networks.

We enjoyed a range of excellent presentations, starting with some of our supported initiatives (Universal Funders Policy, Open Research Calendar, RIOT Science Club), followed by International Reproducibility Networks (Australia, Germany, Switzerland, and Slovakia), and talks from some of our UKRN academy PhD students (Ben Megreblian, Robbie Clark, and Zuzanna Zagrodzka).

We concluded with a general overview of UKRN's progress and growth to date, as we enter our third year. We now comprise over 50 Local Networks, 19 Institutional Members, and a large and diverse range of External Stakeholders, as well as a growing number of International Reproducibility Networks. We are having ongoing discussions to increase our membership in each of these categories.

Our third year promises to be exciting – we are exploring a number of avenues for further funding, and have developed an ongoing workshop series. We are also particularly keen to support our Local Network Leads. We will be developing both online and in-person activity, to develop a strong sense of community, share effective practice, and develop key skills.

Thank you to all the speakers and attendees for an excellent meeting, and the members of our community, who have supported us through a difficult 2020-2021.

#### News

The latest news from the UKRN, as featured on our website news page. To publish your news on our site, please send it to ukrn-admin@bristol.ac.uk.



Rewarding and raising awareness of Open Research



Symposium on Teaching Reproducible Research: Educational Outcomes



Launch of the UKRN Newsletter

Find more news on the UKRN website

#### **Events**

Upcoming events. To advertise an event on our website events page or to publicise via the UKRN Twitter account, email ukrn-admin@bristol.ac.uk.

Press the refresh button: using research integrity and open science for researcher assessment

15th April 2021, 3:00pm - 5:00pm

Learn more and register here

This workshop is an introduction to researcher assessment. A presentation examining the current metrics used to assess researchers will be followed by an introduction to the Hong Kong Principles (HKPs). The principles were developed as part of the 6th World Conference on Research Integrity (2019) with a specific focus on the need to drive research improvement through ensuring that researchers are explicitly recognized and rewarded for behaviors that strengthen research integrity. Some aspects of the HKPs focus on the inclusion of open science (OS) practices for research assessment. The Transparency and Openness Promotion (TOP) guidance for academic institutions focuses on examining the extent of OS practices within organizations.

# Open Research Transparency workshop 29th April 2021, 10:00am - 12:00pm

Learn more and register here

Currently, innovative ideas are abundant in science, yet we are still short of practical tools to implement these ideas in everyday practice. A tool is practical if it can achieve its aim without requiring too much or no extra effort from the user. The consideration of user experience, efficiency, and user-friendliness is still weak in the development of scientific tools. In this workshop, three early career researchers will present their innovations that aim to improve scientific practice in an efficient way and we invite the audience to a discussion to formalise our thinking about the development of new tools.

# IsoArcH event on Open Science in archaeology 20th May 2021, 3:00pm - 5:00pm

Learn more here (registration will open April 2021)

This event provides archaeologists with an overview of the latest Open Science developments in the field. The event features presentations about open access to publications and databases, open review of papers, as well as open sharing of data/codes/methods. Talks will be given by Prof. Ben Marwick (Univ. of Washington), Prof. Trudy Turner (Univ. of Wisconsin-Milwaukee; American Journal of Physical Anthropology) and Prof. Connie Mulligan (Univ. of Florida; American Journal of Physical Anthropology), Dr. Emma Ganley (Protocols.io), Alain Queffelec (Univ. of Bordeaux; Peer Community in Archaeology), as well as Dr. Kevin Salesse (Univ. Libre de Bruxelles; IsoArcH).

## Introduction to causal inference and directed acyclic graphs 10th June 2021

Learn more here (registration will open April 2021)

Estimating causal effects in non-experimental data is a key aim of applied health and social science research. Unfortunately, it is also notoriously difficult. Contemporary causal inference methods, including directed acyclic graphs, promise to revolutionise the analysis and interpretation non-experimental data, not least by making our ambitions and assumptions far more explicit. This interactive session offers an friendly and non-technical introduction to the theory, practice, and benefits of contemporary causal inference methods and directed acyclic graphs. Particular focus will be given to considering how these methods can contribute towards more transparent and reproducible research.

# Resources highlight: Open Research - examples of good practice, and resources across disciplines

Emily Farran and colleagues have produced a document containing examples of good practice and links to useful resources for Open Research. The resources are categorised per discipline and cover a wide variety of fields in STEM, arts and humanities.

You can access the document here:

Farran, Emily K., Priya Silverstein, Aminath A. Ameen, Iliana Misheva, and Camilla Gilmore. 2020. "Open Research: Examples of Good Practice, and Resources Across Disciplines." OSF Preprints. December 15. doi:10.31219/osf.io/3r8hb

### Resources highlight: common statements

We have produced statements that can be developed and used by institutions and organisations. These common statements are intended to encourage uptake and promote a degree of interoperability across these institutions and organisations. We welcome suggestions for how these statements could be modified.

For more information and to view or download the statements, you can head to the Resources or Common Statements pages on our website, or access them directly by clicking the following links:

- UKRN Statement on Transparency in Research
- UKRN Statement on Responsible Research Evaluation
- UKRN Statement on Rewards and Incentives for Open Research

#### Follow us

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Explore our website at www.ukrn.org.

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