



Research Transparency and Reproducibility Training (RT2)
September 21-25, 2020 | Online

September 21 **Day 1: Introduction to Open Science**

8:00-8:30 ¹ AM	Introductions Katie Hoerberling (BITSS)
8:30-9:30 AM	The Scientific Ethos, Misconduct, and Transparency Edward Miguel (UC Berkeley and BITSS)
9:30-9:50 AM	<i>Break</i>
9:50 -11:00 AM	Pre-registration and Pre-Analysis Plans Edward Miguel (UC Berkeley and BITSS)
11:00-11:20 AM	Lightning Talk: BITSS Scholarly Communication Projects: Registered Reports and MetaArXiv Aleksandar Bogdanoski (BITSS)

September 22 **Day 2: Pre-registration and pre-analysis plans**

8:00-9:00 AM	Improved Specification pt. 1: Selecting a research design Graeme Blair (UCLA)	
9:00-9:10 AM	<i>Break</i>	
9:10-10:40 AM	Improved Specification pt. 2: Pre-analysis Plans for Experimental Research (<i>hands-on</i>) Graeme Blair (UCLA)	Improved Specification pt. 2: Pre-analysis Plans for Observational Research (<i>hands-on</i>) Cecilia Mo (UC Berkeley) & Vanessa Navarro Rodriguez (UC Berkeley)
10:40-11:00 AM	Lightning Talk: Reporting All Results Efficiently Katie Hoerberling (BITSS)	

September 23 **Day 3: Reproducible workflows**

8:00-9:30 AM	Version Control with the GitHub App or GitKraken and GitHub (<i>hands-on</i>) GitHub App: Fernando Hoces de la Guardia (BITSS) GitKraken: Benjamin Daniels (Georgetown University) & Michael Orevba (World Bank)	Version Control with the Command Line Git and GitHub (<i>hands-on</i>) For novice users: Tim Dennis (UCLA) & Reid Otsuji (UC San Diego) For experienced users: Katherine Koziar (UC Riverside) & Danielle Kane (UC Irvine)
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¹ All times are in Pacific Time (GMT-7).



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9:30-10:00 AM

Break

10:00-11:30 AM

Dynamic Documents in R, Python or Stata (hands-on parallel sessions)

R: Fernando Hoces de la Guardia (BITSS)

Python: Aleksandr Michuda (UC Davis) & Oscar Barriga-Cabanillas (UC Davis)

Stata: Luiza Cardoso De Andrade (the World Bank) & Luis Eduardo San Martin (the World Bank)

September 24

Day 4: Data sharing

8:00-9:00 AM

Embedded Ethics: Practice Meets Dialogue

Dena Plemmons (UC Riverside)

9:00-9:10 AM

Break

9:10-10:10 AM

Responsible Transparency: Data Sharing and Disclosure Limitation for Human Subjects

Jen Sturdy (Millennium Challenge Corporation)

10:10-10:20 AM

Break

10:20-11:30 AM

Practices for Data Transparency and Reproducibility

Lars Vilhuber (Cornell University)

September 25

Day 5: Interpreting and synthesizing evidence

8:00-9:00 AM

The Strength of Evidence

Daniel Benjamin (University of Southern California)

9:00-9:10 AM

Break

9:10-10:10 AM

Transparent and Reproducible Evidence Synthesis: Lessons from Welfare Analysis

Ben Sprung-Keyser (Harvard University)

10:10-10:25 AM

Licensing Digital Projects

Danielle Kane (UC Irvine)

10:25-11:00 AM

Wrap-up Discussion

BITSS

September 28-October 2: RT2 “Office Hours” with individual instructors