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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00–8:30 AM</td>
<td><strong>Introductions</strong>&lt;br&gt;Katie Hoeberling (BITSS)</td>
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<tr>
<td>8:30–9:30 AM</td>
<td><strong>The Scientific Ethos, Misconduct, and Transparency</strong>&lt;br&gt;Edward Miguel (UC Berkeley and BITSS)</td>
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<tr>
<td>9:30–9:50 AM</td>
<td><strong>Break</strong></td>
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<td>9:50–11:00 AM</td>
<td><strong>Pre-registration and Pre-Analysis Plans</strong>&lt;br&gt;Edward Miguel (UC Berkeley and BITSS)</td>
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<td>11:00–11:20 AM</td>
<td><strong>Lightning Talk</strong>: BITSS Scholarly Communication Projects: Registered Reports and MetaArXiv&lt;br&gt;Aleksandar Bogdanoski (BITSS)</td>
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## September 22: Day 2: Pre-registration and pre-analysis plans

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:00–9:00 AM</td>
<td><strong>Improved Specification pt. 1</strong>: Selecting a research design&lt;br&gt;Graeme Blair (UCLA)</td>
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<tr>
<td>9:00–9:10 AM</td>
<td><strong>Break</strong></td>
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<tr>
<td>9:10–10:40 AM</td>
<td><strong>Improved specification pt. 2</strong>: Pre-analysis Plans for Experimental Research (hands-on)&lt;br&gt;Graeme Blair (UCLA)</td>
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<tr>
<td>10:40–11:00 AM</td>
<td><strong>Lightning Talk</strong>: Reporting All Results Efficiently&lt;br&gt;Katie Hoeberling (BITSS)</td>
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## September 23: Day 3: Reproducible workflows

<table>
<thead>
<tr>
<th>Time</th>
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<tr>
<td>8:00–9:30 AM</td>
<td><strong>Version Control with the GitHub App or GitKraken and GitHub</strong> (hands-on for beginner users)&lt;br&gt;Fernando Hoces de la Guardia (BITSS) &amp; Benjamin Daniels (Georgetown University)</td>
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<td></td>
<td><strong>Version Control with the Command Line Git and GitHub</strong> (hands-on for advanced users)&lt;br&gt;Katherine Koziar (UC Riverside) &amp; Tim Dennis (UCLA)</td>
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</tbody>
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1 All times are in Pacific Time (GMT-7).
Research Transparency and Reproducibility Training (RT2)
September 21-25, 2020 | Online

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)  
**Stata**: Luiza Cardoso De Andrade (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 Open Data: 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-Kesyer (Harvard University)

10:10-10:25 AM  
**Licensing Digital Projects**  
BITSS

10:25-11:00 AM  
**Wrap-up Discussion**  
BITSS

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