

ABCD-ReproNim: An ABCD Course on Reproducible Data Analyses

ABCD-ReproNim: 2022 Course Overview

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Learning Objectives of this Video



- Meet the 2022 ABCD-ReproNim team!
- Provide an overview the schedule of events and what to expect
- Go over what's new for the 2022 ABCD-ReproNim Course
- Provide links to important platforms we will use thorough the course



ABCD-ReproNim Leadership Team



Angie Laird
FIU
ABCD



David Kennedy
UMass Medical
ReproNim

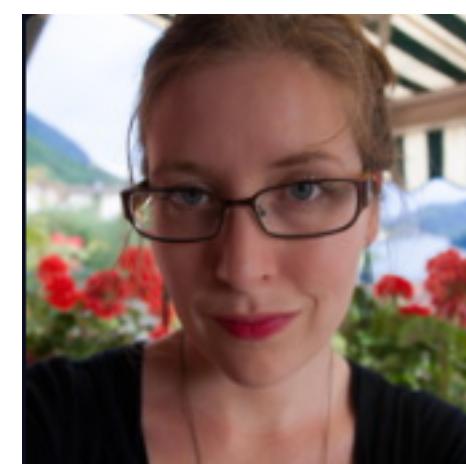


Satra Ghosh
MIT
ReproNim



JB Poline
McGill University
ReproNim

ABCD-ReproNim Program Coordinator



Jessica Bartley
FIU

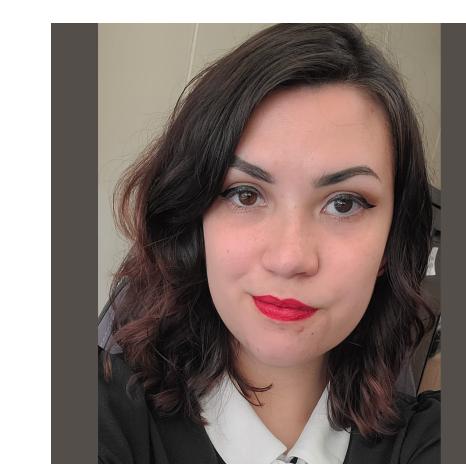
ABCD-ReproNim Technical Support



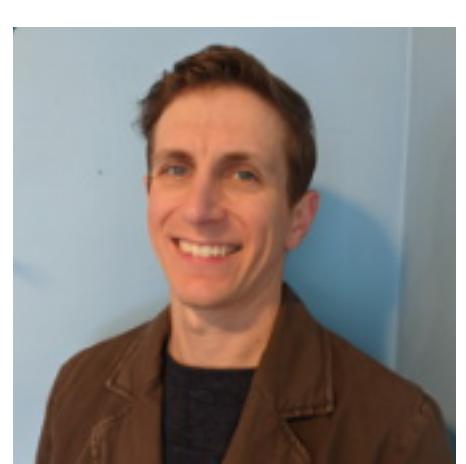
Taylor Salo
FIU



Liza Levitis
UCL/NIMH
Main Course TA

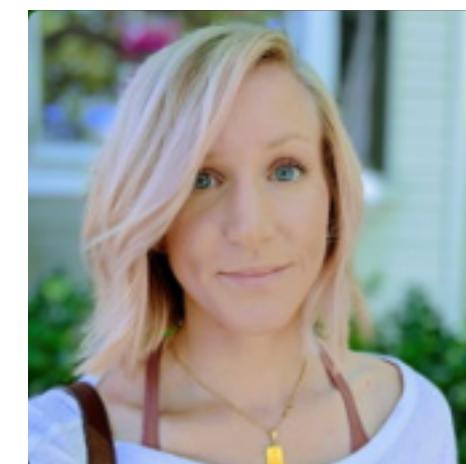


Zoe Hulce
Univ Vermont
Main Course TA

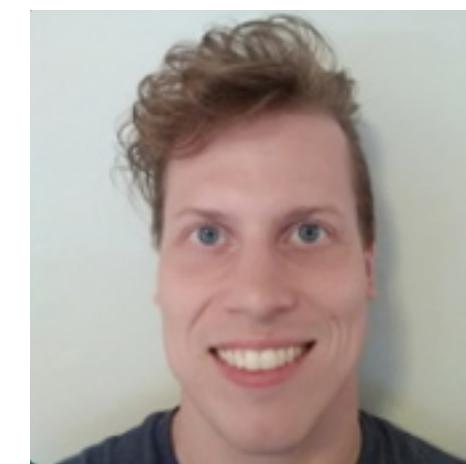


Adam Ritchie-Halford
Standford
Main Course TA

ABCD-ReproNim Alumni Teaching Assistants



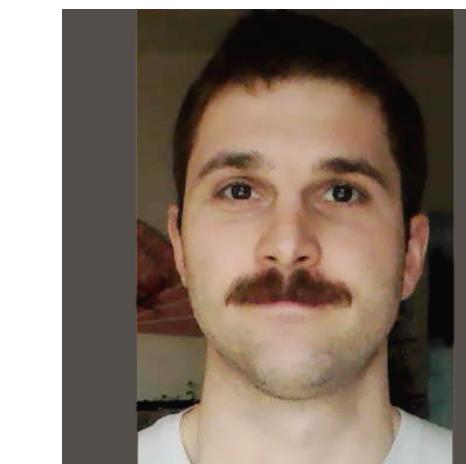
Kristina Rapuano
Yale Univ
Alumni TA



James Kent
Univ Iowa
Alumni TA



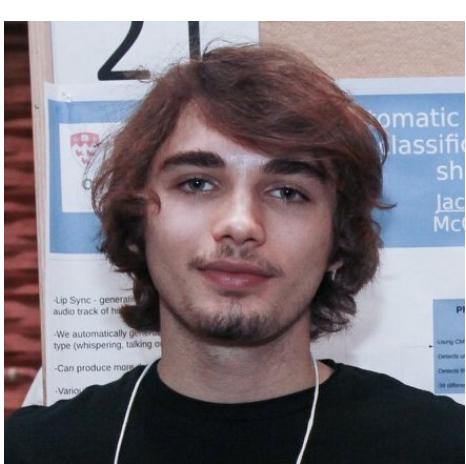
Dustin Moraczewski
NIMH
Alumni TA



Gareth Harman
OHSU
AI/ML Course TA



Yibei Chen
UC Santa Barara
Main Course TA



Jacob Sanz-Robinson
McGill Univ
AI/ML Course TA

Main ABCD-ReproNim Course Schedule



12-week online course: video-based lectures, readings, and data exercises

Each week will include a pair of video lectures: ABCD data and ReproNim methods

We also have posted recording from last year's Q&A sessions with weekly lecture instructors

Main Course: January 10 - April 1, 2022

January 2022

Sun	Mon	Tue	Wed	Thu	Fri
9	10	11	12	13	14
	ABCD-ReproNim Course Week 1				
16	17	18	19	20	21
	ABCD-ReproNim Course Week 2		• TA Virtual Office Hours 2 PM		
23	24	25	26	27	28
	ABCD-ReproNim Course Week 3		• TA Virtual Office Hours 2 PM		
30	31	Feb 1	2	3	4
	ABCD-ReproNim Course Week 4		• TA Virtual Office Hours 2 PM		

TA help: 2-3pm EST
(11am-12pm PST)

Subscribe to our Google calendar: <https://abcd-repronim.org>, Neurostars: <https://neurostars.org/c/abcd-repronim/232>, and Slack: <https://bit.ly/ABCD-ReproNim-Slack>

AI/ML Course Schedule



New to 2022: we will hold a standalone 5-week AI/M Course on machine learning

<https://www.abcd-repronim.org/ml.html>

AI/ML Course: February 28 - April 1, 2022

March 2022

Sun	Mon	Tue	Wed	Thu	Fri
27	28	Mar 1	2	3	4
	ABCD-ReproNim Course Week 8 ABCD-ReproNim AI/ML Course Week 1				
6	7	8	9	10	11
	ABCD-ReproNim AI/ML Course Week 2 ABCD-ReproNim Course Week 9				
13	14	15	16	17	18
	ABCD-ReproNim Course Week 10 ABCD-ReproNim Course AI/ML Week 3				
20	21	22	23	24	25
	ABCD-ReproNim Course AI/ML Week 4 ABCD-ReproNim Course Week 11				
27	28	29	30	31	Apr 1
	ABCD-ReproNim Course AI/ML Week 5 ABCD-ReproNim Course Week 12				

Social hour/TA help/
project planning:
2-3pm EST
(11am-12pm PST)

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ABCD-ReproNim Schedule



ABCD-ReproNim

Project Month: a fully virtual Hackathon-style event, made up of both individual and collaborative group activities. An NDA Data Use Certification (DUC) is required to participate in Project Month! More info on obtaining ABCD data access here: [here: bit.ly/ABCD-Data-Access-Instructions](https://bit.ly/ABCD-Data-Access-Instructions)

April 2022

Sun	Mon	Tue	Wed	Thu	Fri
3	4 ABCD-ReproNim Project Month! Overview and Discussion	5	6	7	8
10	11	12	13	14	15
ABCD-ReproNim Project Month!					
	Work on Projects			Progress Report	
17	18	19	20	21	22
ABCD-ReproNim Project Month!					
	Work on Projects			Progress Report	
24	25	26	27	28	29
ABCD-ReproNim Project Month!					
	Wrap up projects		Final Presentations Day 1		Final Presentations Day 2

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ABCD-ReproNim Student Participation



Everyone who has registered is enrolled!

An unlimited number of ABCD-ReproNim students are welcome to view the pre-recorded lectures, participate in NeuroStars and Slack discussions, direct support from ABCD-ReproNim Teaching Assistants, and access course materials. A hands-on data exercise will be made available each week to review and reinforce course content while developing practical skills in reproducible neuroimaging analyses. For those students who participate in Project Month, we will provide access to a cloud-based computational platform where you can work on your ABCD data projects.

Students who complete at least 70% of the course material by the end of the course will receive an ABCD-ReproNim Certificate of Completion at the end of the course that may be listed on their CV or resume. Of those students, if you are able to gain access to ABCD data will be allowed to participate in Project Month in April 2022.

Students are welcome to participate in the ways that best suits their needs. Data exercises will be graded on completion and students are welcome to have as many attempts as you need to understand the material for each week.

Course Resources and Platforms



- WEBSITE: Course materials at <https://www.abcd-repronim.org/materials.html>
- EMAIL: Weekly schedule, content, and links info@abcd-repronim.org
- TWITTER: Announcements https://twitter.com/ABCD_ReproNim
- GOOGLE CALENDAR: Course schedule
- GOOGLE FORMS: Data exercises
- GITHUB: Data exercise solutions and Project Month proposals <https://github.com/ABCD-Repronim>
- NEUROSTARS.ORG: Post questions at <https://neurostars.org/c/abcd-repronim/>
- SLACK: Channel-based messaging and Project Month space bit.ly/ABCD-Repronim-Slack
- GATHER.TOWN: TA help sessions, social hours, and Project Month bit.ly/ABCD-Repronim-Gather

Closing Comments



If you are watching this video but haven't registered for the class, please do so! This helps us make sure you have access to all of the course materials, but it also helps us track course interest so that our efforts will continue to be funded by the NIH.

Register here: bit.ly/ABCD-ReproNim-Register

Special thanks to the National Institute of Drug Abuse for their support.

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