ABCD-ReproNim Course

ABCD-ReproNim.org: Reproducible analyses of ABCD data

The **ABCD-ReproNim Course** was designed to provide a comprehensive background to data from the ABCD Study® while delivering hands-on, interactive instruction to enable **rigorous and reproducible data analyses**. ABCD-ReproNim is a collaborative partnership between ABCD investigators and **ReproNim.org**.

The ABCD-ReproNim Course will be **virtual** and include both *asynchronous* and *synchronous* activities. The **12-week Online Course** will include access to pre-recorded video presentations. Readings will be provided for each lesson and data exercises will be posted to help students achieve learning objectives. During the course, students will self-organize into small, collaborative learning groups and develop proposals for data analysis or resource development projects. At the completion of the Online Course, enrolled students will be invited to attend a **virtual Project Month** in April 2022, where they will apply the skills they learned towards completion of a project and learn how to contribute to open source software. **For more information visit https://ABCD-ReproNim.org**

Important Dates

TA and Student Application Portal Open	**November 1, 2021**
TA Applications DUE	**December 1, 2021**
TA Decision Letters Sent	**December 15, 2022**
Online Course Weeks 1 – 12	**January 10 – March 28, 2022**
Project Month	**April 4 – 29, 2022**

ABCD-ReproNim training is targeted to **students, postdoctoral fellows, and early career faculty**. There are **no registration fees** and

ABCD-ReproNim Course Syllabus: https://www.abcd-repronim.org/syllabus.html

Teaching Assistants

We are recruiting a 2022 cohort of teaching assistants (TAs) who will provide support to ABCD-ReproNim students and instructors. TAs will be available to answer student questions on NeuroStars and our Slack workspace. TAs will receive compensation in the amount of $5,000 (USD) as a consultant for this effort. **Potential TAs will have:** (i) research experience with neuroimaging and cognitive science and/or psychology, (ii) prior experience analyzing data from large datasets, (iii) prior experience teaching, and (iv) familiarity with community standards and open source development. **TA applications are due December 1, 2021.**

Students

An unlimited number of ABCD-ReproNim students are welcome to view the pre-recorded lectures, participate in NeuroStars discussions, 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. Students completing at least 70% of data exercises and participating in Project Month will receive an ABCD-ReproNim Certificate of Completion at the end of the course that may be listed on their CV or resume. **Potential students will have:** (i) some familiarity with cognitive science, neuroimaging, and/or psychology, (ii) working knowledge of Python 3 or familiarity in scripting in at least one neuroimaging package (e.g., AFNI, ANTS, FSL, FreeSurfer, SPM), and (iii) the ability to commit to the time requirements for the course.

ABCD-ReproNim is supported by an award from the National Institute of Drug Abuse (R25-DA051675)

ABCD-ReproNim

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Teen Brains. Today's Science. Brighter Future.