

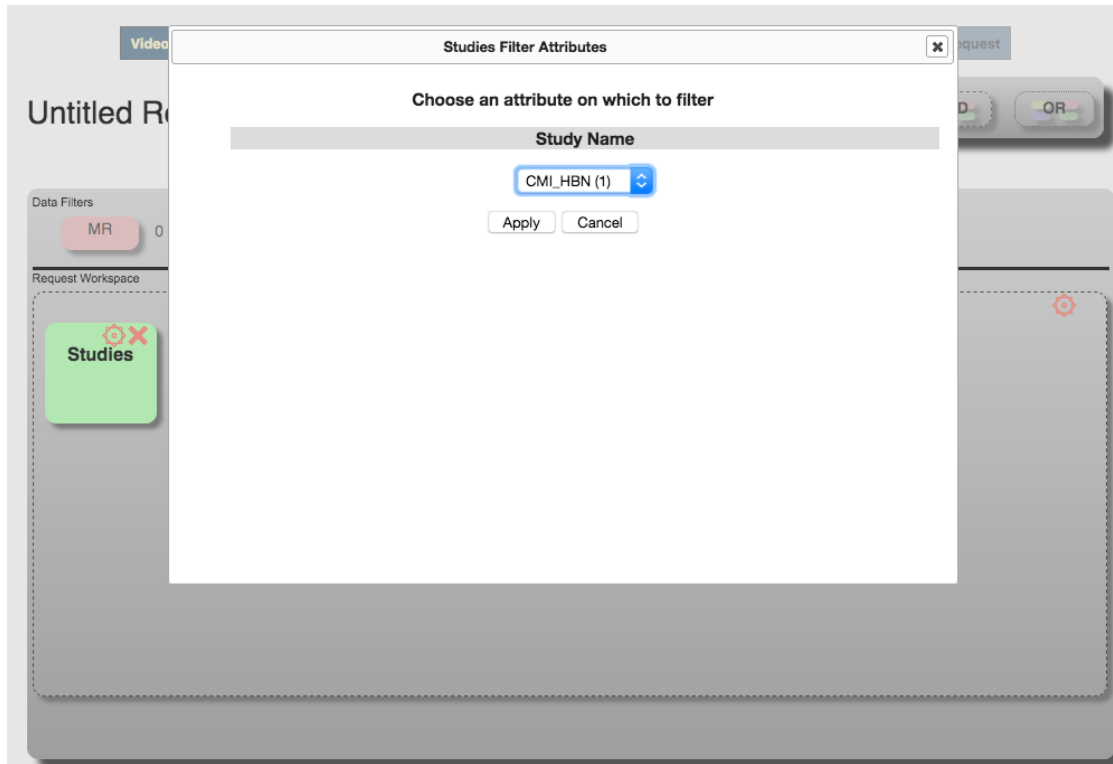
COINS Data Exchange

Protected behavioral and cognitive assessment data are available on the COllaborative Informatics and Neuroimaging Suite (COINS). The Collaborative Informatics and Neuroimaging Suite ([COINS; Scott et al., 2011](#)), developed by the [Mind Research Network](#), was created to facilitate communication and cultivate a data-sharing community by providing researchers with an open source information system that includes web-based tools to manage studies, subjects, imaging, and phenotypic data. This suite of tools has an intuitive ease of use and offers versatile data upload/import/entry options, rapid and secure sharing of data among investigators, querying of data types and assessments, real-time reporting, and study-management tools. Among its many features, the web-based assessments, automated data scoring, and integrated management of phenotypic and imaging data are potentially the most attractive. Web-based assessment entry completed by participants and research staff increases efficiency and accuracy by eliminating the need for intermediate data entry (i.e., paper to computer). Equally important, individual item-level responses are coded in the database, providing researchers with a far richer phenotypic dataset for exploration. In addition, protected health information can be unlinked within COINS to facilitate data sharing while maximally protecting participant anonymity. Of note, COINS is in compliance with Health Insurance Portability and Accountability Act (HIPAA) standards and implementation rules.

Once your **DUA application** has been received and approved, to access the data go to: <https://coins.trendscenter.org>

There, you can log in using your COINS user ID and password. If you do not have an account, select the "Get Account" option.

From the **Data Exchange** menu at the top, select **Browse Available Data**. Drag the green **Studies** box into the box labeled **Request Workspace**, and under Study Name, select CMI_HBN. Next, drag an **AND** Data Group. Select **Send Request** to download the data. It should appear as below:



For users new to COINS, we recommend watching the **Video Tutorial** available [here](#).

Data dictionaries for each assessment are also available through COINS Data Exchange.

1. Navigate to the main screen of the COINS Data Exchange. It should appear as follows:



2. Click on **Study Information**.
3. Under **Select a Study**, navigate to **CMI_HBN**.

Select a study: 

Description: <input type="button" value="edit"/>	<p>Innovations in methods and technologies are equipping researchers with unprecedented capabilities for detecting and characterizing pathologic processes in the developing human brain. As a result, there is growing enthusiasm about the prospect of achieving clinically useful tools that can assist in the diagnosis and management of mental health and learning disorders. For these ambitions to be realized, it is critical to accrue large-scale multimodal datasets that capture a broad range of commonly encountered clinical psychopathology. To this end, the Child Mind Institute has launched the Healthy Brain Network, an ongoing initiative focused on creating and sharing a biobank comprised of data from 10,000 New York City area children and adolescents (ages 5-21). The Healthy Brain Network has adopted a community-referred recruitment model. Specifically, study advertisements seek the participation of families who have concerns about one or more psychiatric symptoms in their child. The Healthy Brain Network Biobank houses data about psychiatric, behavioral, cognitive, and lifestyle (e.g., fitness, diet) phenotypes, as well as multimodal brain imaging, electroencephalography, digital voice and video recordings, genetics, and actigraphy. Beyond accelerating transdiagnostic research, we discuss the potential of the Healthy Brain Network Biobank to advance related areas, such as biophysical modeling, voice and speech analysis, natural viewing fMRI and EEG, and methods optimization.</p> <p>Complete details about the HBN Biobank can be found here: http://fcon_1000.projects.nitrc.org/indi/cmi_healthy_brain_network/index.html</p>
Study Docs: <input type="button" value="Add File"/>	all_data_dicts_Sept_2017.zip 