

**ON-BOARDING**  
**IMPACT-MH Consortium**

*Accelerating scientific discoveries in mental health research.*  
*(updated as of 12/4/24 by Polly Painter)*

**TASK 1:**For Onboarding and access to password protected website materials:

Go to the [TEAM ONBOARDING SITE HERE](#)

[Onboarding Essentials](#)

**\*To access the shared documents folder on Google, you need a gmail account.\***

**TASK 2:** Review Background Information

<https://impact-mh.org/>

Password:

In a nutshell: The Data Coordination Center is responsible for collecting and harmonizing de-identified data from 8 projects in the consortium. The DCC collects the data, harmonizes it and submits it to the NDA at NIH/NIMH. The NDA is the [NIH Data Archive](#).

There are 3 CORE groups that comprise the Data Coordination Center (DCC), funded by a U24 grant from NIH/NIMH. The DCC is responsible for organizing this work. CORE 1, the data management center is led by Dr. Hua Xu at Yale. CORE 2, the data standards group is led by Dr. Tao Cui at Mayo, CORE 3 data analytics is led by Yong Chen from UPenn.

## DCC Cores

### Project Coordination & Data Management

This core will ensure seamless coordination and communication among IMPACT-MH projects, and it will also establish a robust data management system. The system will efficiently collect, store, harmonize, and manipulate multi-modal data from multiple projects. Moreover, it will ensure compliance with data submission requirements for NDA.

Yale | Dr. Hua Xu

### Data Standards

This core will define common data models by leveraging the RDoC framework and existing ontologies and other data standards such as CDEs (Common Data Elements). It will establish a consensus process and data harmonization methods, and support awardees to implement such standards among IMPACT-MH projects

Mayo | Dr. Cui Tao

### Data Analytics

This core will focus on conducting rigorous analyses on the aggregated data from the IMPACT-MH projects, developing methods to address potential biases associated with the datasets, algorithms, and applications, and evaluating phenotype models.

UPenn | Dr. Yong Chen

The DCC (“U24”) is responsible for coordinating 8 subaward grantees of U01 grants. **These 8 institutions are known as the “U01s”**. They include: University of Washington, University of Michigan, Mount Sinai/Mass General Hospital, Oregon State Health and Science University, Harvard/MGH, Yale, University of Pittsburgh/Boston Children’s, Stanford.

Contact PI	Affiliation	Project Title	Grant
Dr Dror Ben-Zeev	University of Washington	Developing Data-Driven Clinical Signatures for People Who Experience Hallucinations ( <b>HALO</b> )	U01MH135901
Dr Amy Bohnert	University of Michigan at Ann Arbor	COMPASS: A Comprehensive Mobile Precision Approach for Scalable Solutions in Mental Health Treatment ( <b>COMPASS</b> )	U01MH136025
Dr Rene Kahn	Icahn School of Medicine at Mount Sinai MSSM	Phenotypes Reimagined to Define Clinical Treatment and Outcome Research ( <b>PREDiCTOR</b> )	U01MH136535
Dr Bonnie Nagel	Oregon Health & Science University OHSU	Person-Centered Diagnostics and Prediction for Child Dysregulatory Psychopathology Using Novel Phenotypes	U01MH135970
Dr Roy Perlis	Massachusetts General Hospital	<b>JASPer</b> -MH: Jointly Assessed Scalable Phenotypes for Mental Health	U01MH136059
Dr Chris Pittenger	Yale University	<b>IMPACT-MH</b> : Clinical and Behavioral Fingerprints of Psychopathology	U01MH136497
Dr Adriane Soehner	University of Pittsburgh Boston Children’s Harvard	The Pediatric Precision Sleep Network ( <b>PPSN</b> )	U01MH136020
Dr Leanne Williams	Stanford University	<b>ACE-D</b> : Accelerating Cognition-guided Signatures to Enhance Translation in Depression	U01MH136062
Dr. Jonathan Posner	Duke University	Leveraging Artificial Intelligence to Predict Mental Health Risk among Youth Presenting to Rural Primary Care Clinics	UF1MH141631

Dr. Jessica Turner	Ohio State University	<b>ARTEMIS:</b> Analyses to Reveal Trajectories and Early Markers of Imminent Shifts in Suicidal States	UF1MH136537
Dr. Moriah Thomason	NYU Langone (Child Study Center)	<b>REACH:</b> Behavioral Phenoscreening: Remote Assessment of Child Mental Health	UF1MH141129
Dr. Laura Germine	Albert Einstein College of Medicine	<b>TRACC-MH:</b> Trajectories of Risk and Cognitive Change in Mental Health	UF1MH135991
Dr. Andrea Edlow	Massachusetts General Hospital	<b>SPARC-XP:</b> Scalable Phenotyping to Assay Risk in Childhood after eXposures in Pregnancy	UF1MH141632
Dr Hua Xu	Yale University	Coordinating Individually Measured Phenotypes to Advance Mental Health Research ( <b>Data Coordination Center, DCC</b> )	U24MH136069

## 1. Project Summaries NIH RePORTER

[U24 “Coordinating Individually Measured Phenotypes to Advance Mental Health Research”](#)

[U01s Project Summaries](#)

## 2. Communication and Documentation

- Documentation is stored on Google Drive: [IMPACT-MH](#)
- [Contact Lists](#) (multiple tabs)
- Website: [impact-mh.org](http://impact-mh.org) -
- Slack: impact-mh
- Outlook email: [impact.mh.adm@yale.edu](mailto:impact.mh.adm@yale.edu) - use this outlook calendar to post internal events, which will automatically appear in Slack

## 3. Core roles and responsibilities:

- Core 1** - Contact PI: Dr. Hua Xu (Yale)
  - Project Manager: Polly Painter
  - Website: Christian Horgan, Daniella Weng
  - Contracts: Polly Painter, Yvonne Rafferty (Yale)
  - Data Infrastructure at Yale: Christian Horgan, Chris Gilman, Huan He, Ahmed Abdelhady

- v. Software Tools: Josh Kenney
- vi. Data Collection Plan: Kalpana Raja, Fang Li, Na Hong, Yujia Zhou
- vii. Data Structures: Josh Kenney, Rakesh Kumar (Mayo), Na Hong, Kalpana Raja

[IMPACT-NDA Data Dictionary Search Tool](#)

**viii. Data Standards Working Group (DSWG)**

Kalpana Raja	<a href="mailto:kalpana.raja@yale.edu">kalpana.raja@yale.edu</a>
Fang Li	<a href="mailto:Li.Fang@mayo.edu">Li.Fang@mayo.edu</a>
Rakesh Kumar	<a href="mailto:Kumar.rakesh@mayo.edu">Kumar.rakesh@mayo.edu</a>
Hamada Altilib	<a href="mailto:hamada.hamid@yale.edu">hamada.hamid@yale.edu</a>
Na Hong	<a href="mailto:na.hong@yale.edu">na.hong@yale.edu</a>
Polly Painter	<a href="mailto:polly.painter@yale.edu">polly.painter@yale.edu</a>
Josh Kenney	<a href="mailto:joshua.kenney@yale.edu">joshua.kenney@yale.edu</a>
Natasia Jacko	<a href="mailto:Natasia.Jacko@Pennmedicine.upenn.edu">Natasia.Jacko@Pennmedicine.upenn.edu</a>
Yujia Zhou	<a href="mailto:yujia.zhou@yale.edu">yujia.zhou@yale.edu</a>

**DCC Point People**



- ix. [Small Groups](#) (Taskforces and Working Groups)  
Polly Painter, Natasia Jacko (UPenn), Josh Kenney, Fang Li  
Rakesh Kumar, Na Hong, Hua Xu
- x. [Seminar Series](#): Natasia Jacko
- b. **Core 2** - PI Tao Cui (Mayo) | [RDoC](#)
  - i. Fang Li
  - ii. Rakesh Kumar
- c. **Core 3** - PI Yong Chen (UPenn)
  - i. Natasia Jacko, Project Director
  - ii. **Data Analytics Working Group (DAWG)** - seminar series

d. U01 Data Managers: each U01 has a point person for communication

PI	Data Representative	Affiliation	Grant	[Short name]
Dror Ben-Zeev Trevor Cohen	<a href="#">Justin Tauscher</a>	University of Washington	<a href="#">U01MH135901</a>	HALO
	<a href="#">Anna Larsen</a>			
<a href="#">Amy Bohnert</a>	<a href="#">Elizabeth Mills</a>	University of Michigan at Ann Arbor	<a href="#">U01MH136025</a>	COMPASS
<a href="#">Rene Kahn</a>	<a href="#">Justin Baker</a>	Icahn School of Medicine at Mount Sinai/MGB	<a href="#">U01MH136535</a>	PREDICTOR
<a href="#">Bonnie Nagel</a>	<a href="#">Nicole Weiskopf</a>	Oregon Health & Science University	<a href="#">U01MH135970</a>	[Child-Dys-Psych]
	<a href="#">Tosha Zaback</a>			
<a href="#">Roy Perlis</a>	<a href="#">Pieter Vuijk</a>	Mass General Hospital/Harvard	<a href="#">U01MH136059</a>	JASPeR
<a href="#">Chris Pittenger</a>	<a href="#">Theresa Babuscio</a>	Yale University	<a href="#">U01MH136497</a>	Yale IMPACT-MH
<a href="#">Adriane Soehner</a>	<a href="#">Maria Jalbrzikowski</a>	Boston Children's Hospital	<a href="#">U01MH136020</a>	[PPSN Pediatric precision sleep network]
	<a href="#">Meredith Wallace</a>	University of Pittsburgh at Pittsburgh		
<a href="#">Leanne Williams</a>	<a href="#">Hyun-Joon (Jack) Yang</a>	Stanford University	<a href="#">U01MH136062</a>	ACE-D
	<a href="#">Andrea Ellsaw</a>			
Dr. Jonathan Posner		Duke University	<a href="#">UF1MH141631</a>	Leveraging Artificial Intelligence to Predict Mental Health Risk among Youth Presenting to Rural Primary Care Clinics
Dr. Jessica Turner		Ohio State University	<a href="#">UF1MH136537</a>	ARTEMIS
Dr. Moriah Thomason		NYU Langone (Child Study Center)	<a href="#">UF1MH141129</a>	REACH
Dr. Laura Germine		Albert Einstein College of Medicine	<a href="#">UF1MH135991</a>	TRACC-MH
Dr. Andrea Edlow		Massachusetts General Hospital	<a href="#">UF1MH141632</a>	SPARC-XP

# DCC Data Harmonization Process

