



**BRICS**

---

**THIS PAGE HAS BEEN LEFT INTENTIONALLY BLANK**

---

**Chapter**

**5**

# **Data Repository**



## CHAPTER 5 – DATA REPOSITORY

---

**T**he **Data Repository** is the central hub of the BRICS system, providing functionality to manage study information, and contribute, upload, and store the research data associated with each study.

The Data Repository module is closely related to the Data Dictionary module which provides long term repository for research data.

---

### 5.1 OBJECTIVE

The **Data Repository Tool** provides useful features for:

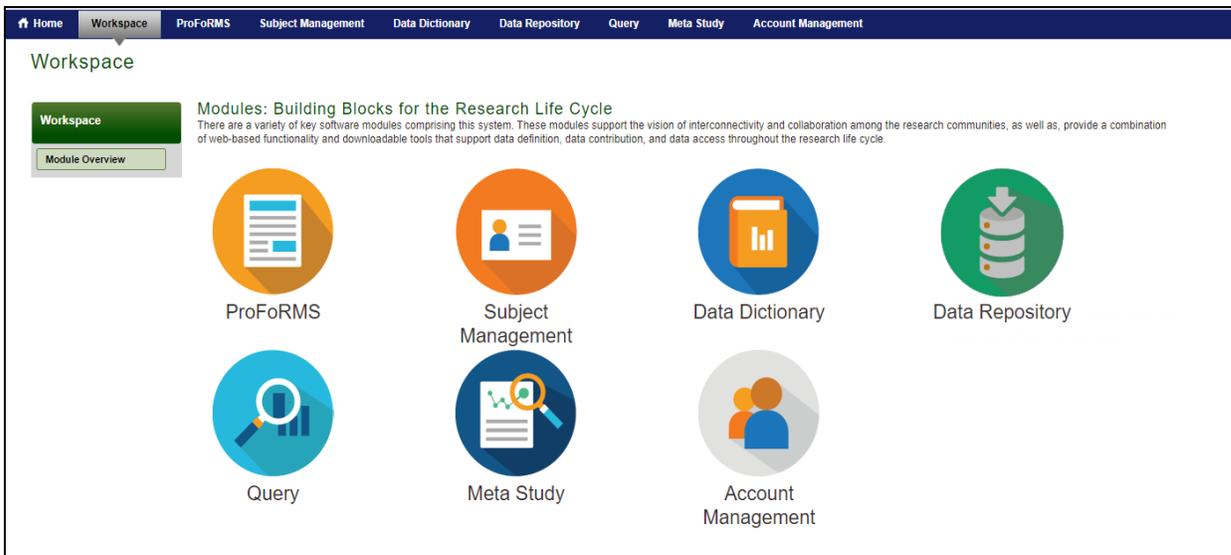
- ❖ Manage Studies
  - View Studies
  - Create a Study
  - Edit a Study
  - Submit Request to Approve Data Document
  - Add Form Structure
  - Search Studies
- ❖ Other Tools: Submission Tools, MIPAV Tool, and Download Tool (See [Chapter 9 MIPAV](#), [Chapter 10 Data Validation](#), and [Chapter 11 Download Tool](#)) are located within the Data Repository module. Please refer to the above-referenced chapters for additional information.

## 5.2 MODULE NAVIGATION

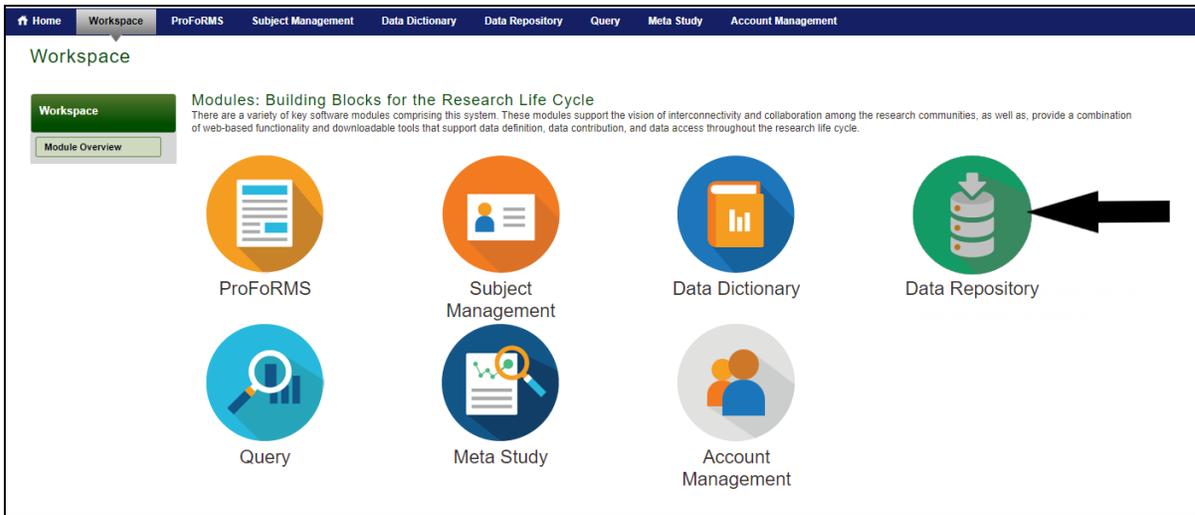
The **Data Repository** module (including sub-modules) are available within the BRICS Workspace

**To Access the Data Repository Module:** Perform the following actions:

1. Login to the system.
2. Navigate to the Workspace landing page



### 3. Click the **Data Repository** module icon



---

#### ICON KEY

---

 Notes

 Important  
Information

---

#### Things to Note:

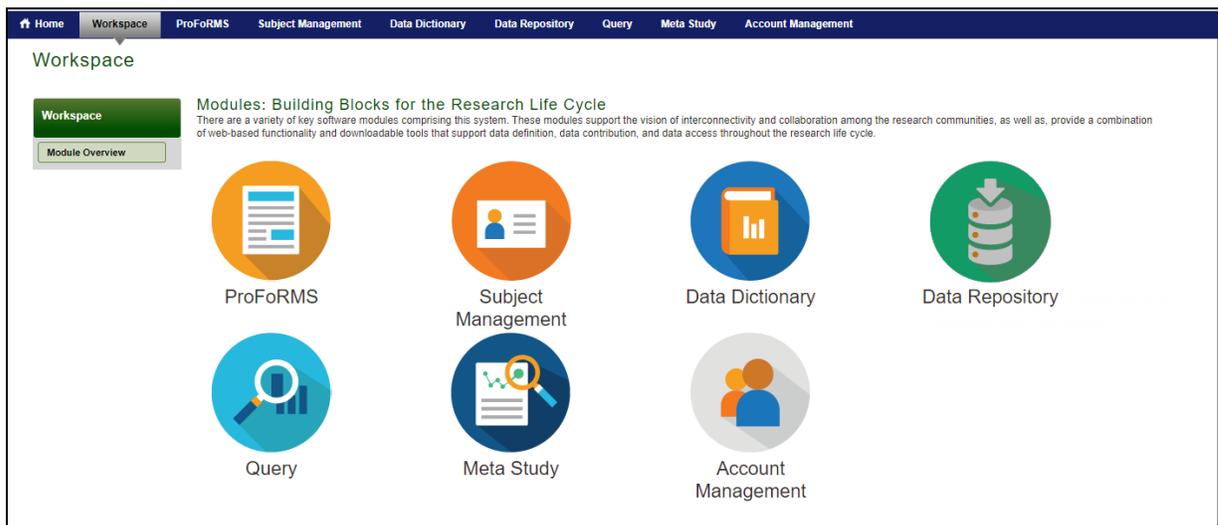
-  The best user experience with navigating through the Data Repository module is with the latest Firefox browser
-  Java Runtime Environment (JRE) version 8 or higher is required. [Check](#) your version of Java.

## 5.2.1 View Studies

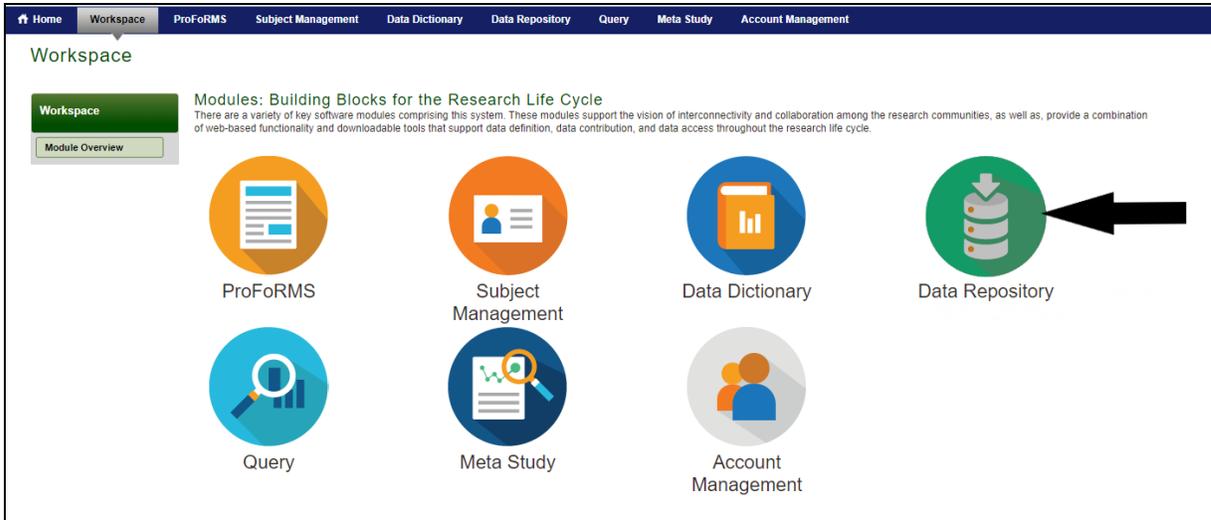
The **View Studies** lists the studies that the user has permission to view. The filters provided within the View Studies list allows users to filter the list by **Ownership**, **Data Submission Status**, and **Data Type**. The search capability allows users to search by: **Study Title**, **Organization**, **Study ID**, **Principle Investigator (PI)**, **Funding Source**, and by the **Permission type** that the user holds for that particular study (Owner, Admin, Read, or Write).

**To View Studies in Data Repository:** Perform the following actions:

1. Login to the system.
2. Navigate to the Workspace landing page.



3. Click the **Data Repository** module icon.



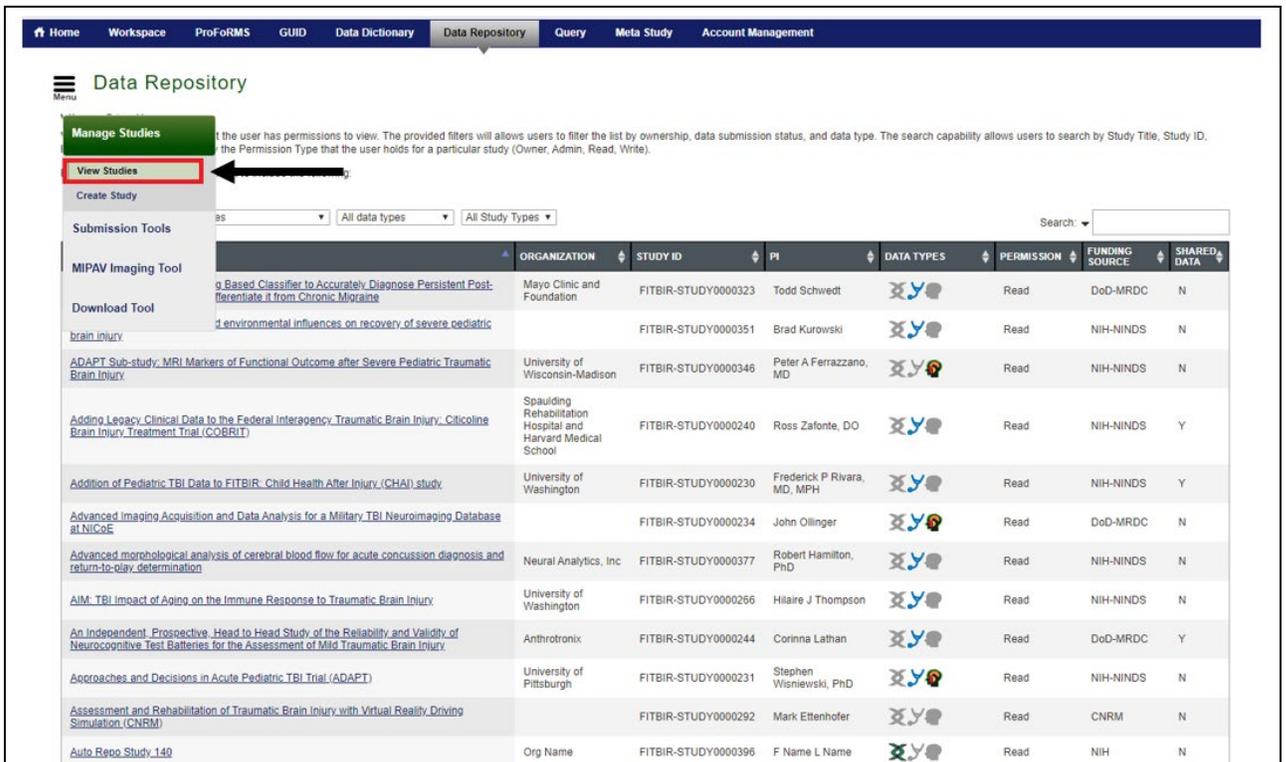
Workspace

Modules: Building Blocks for the Research Life Cycle  
There are a variety of key software modules comprising this system. These modules support the vision of interconnectivity and collaboration among the research communities, as well as, provide a combination of web-based functionality and downloadable tools that support data definition, data contribution, and data access throughout the research life cycle.

- ProFoRMS
- Subject Management
- Data Dictionary
- Data Repository**
- Query
- Meta Study
- Account Management

4. Click the **Menu** on the left-side tool bar to select the View Studies. **Note:** By default, the system brings you to the View Studies from the Workspace landing page.

Results are shown in a tabular format to include the following:



Data Repository

Manage Studies

View Studies

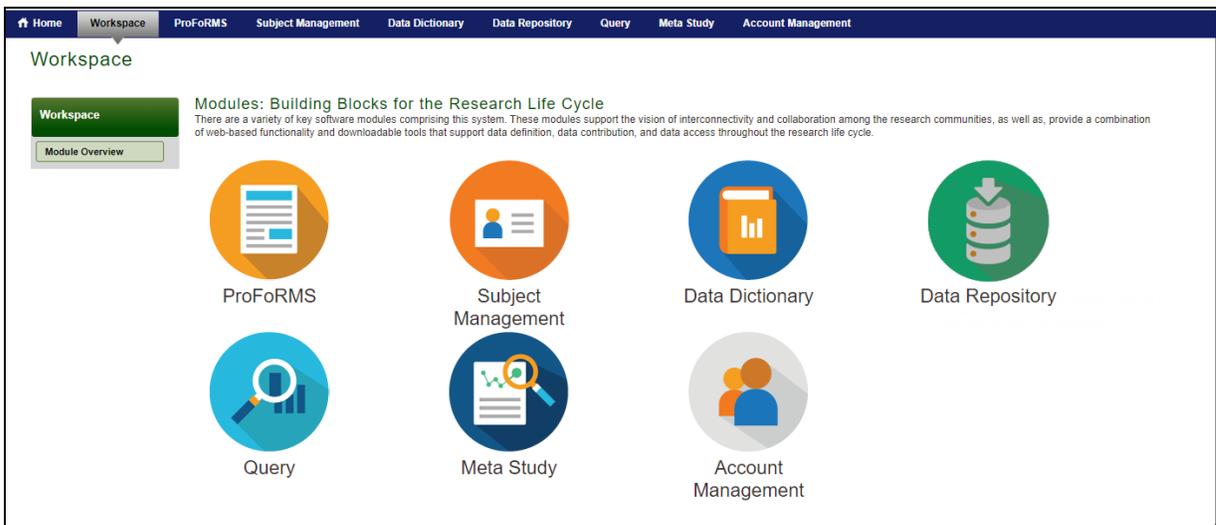
	ORGANIZATION	STUDY ID	PI	DATA TYPES	PERMISSION	FUNDING SOURCE	SHARED DATA
MIPAV Imaging Tool	Mayo Clinic and Foundation	FITBIR-STUDY0000323	Todd Schwedt		Read	DoD-MRDC	N
Download Tool		FITBIR-STUDY0000351	Brad Kurowski		Read	NIH-NINDS	N
ADAPT Sub-study: MRI Markers of Functional Outcome after Severe Pediatric Traumatic Brain Injury	University of Wisconsin-Madison	FITBIR-STUDY0000346	Peter A Ferrazzano, MD		Read	NIH-NINDS	N
Adding Legacy Clinical Data to the Federal Interagency Traumatic Brain Injury, Citalopram Brain Injury Treatment Trial (COBRIT)	Spaulding Rehabilitation Hospital and Harvard Medical School	FITBIR-STUDY0000240	Ross Zafonte, DO		Read	NIH-NINDS	Y
Addition of Pediatric TBI Data to FITBIR: Child Health After Injury (CHAI) study	University of Washington	FITBIR-STUDY0000230	Frederick P Rivara, MD, MPH		Read	NIH-NINDS	Y
Advanced Imaging Acquisition and Data Analysis for a Military TBI Neuroimaging Database at NICoE		FITBIR-STUDY0000234	John Ollinger		Read	DoD-MRDC	N
Advanced morphological analysis of cerebral blood flow for acute concussion diagnosis and return-to-play determination	Neural Analytics, Inc	FITBIR-STUDY0000377	Robert Hamilton, PhD		Read	NIH-NINDS	N
AIM: TBI Impact of Age on the Immune Response to Traumatic Brain Injury	University of Washington	FITBIR-STUDY0000266	Hilare J Thompson		Read	NIH-NINDS	N
An Independent Prospective, Head to Head Study of the Reliability and Validity of Neurocognitive Test Batteries for the Assessment of Mild Traumatic Brain Injury	Anthrotronix	FITBIR-STUDY0000244	Corinna Lathan		Read	DoD-MRDC	Y
Approaches and Decisions in Acute Pediatric TBI Trial (ADAPT)	University of Pittsburgh	FITBIR-STUDY0000231	Stephen Wisniewski, PhD		Read	NIH-NINDS	N
Assessment and Rehabilitation of Traumatic Brain Injury with Virtual Reality Driving Simulation (CNRM)		FITBIR-STUDY0000292	Mark Ettenhofer		Read	CNRM	N
Auto Repo Study_149	Org Name	FITBIR-STUDY0000396	F Name L Name		Read	NIH	N

## 5.2.2 Edit Studies

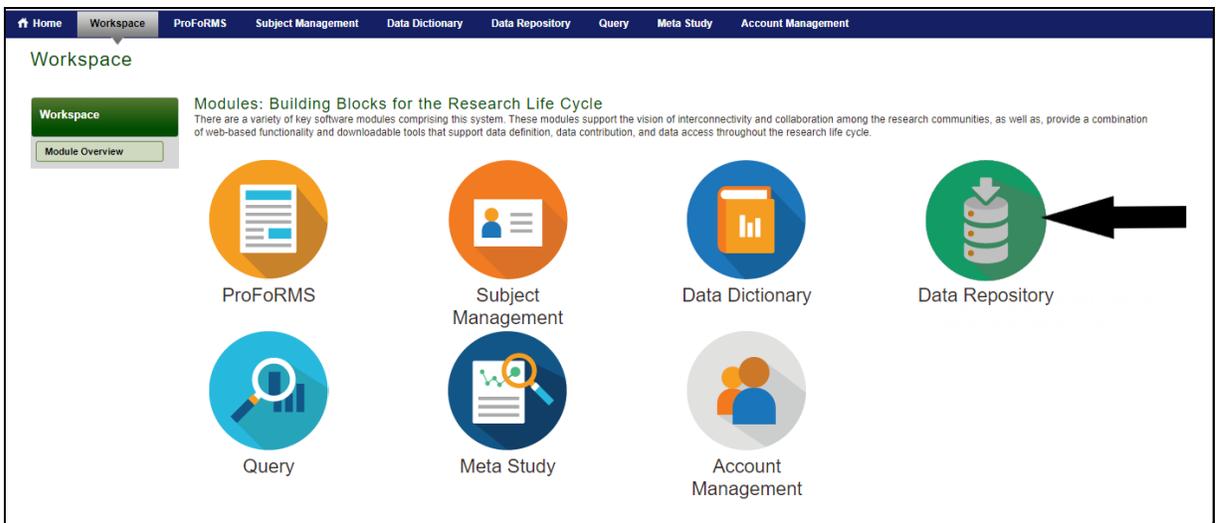
The **Edit Studies** function allows the user to edit studies that the user has permissions to edit.

To Edit Studies in Data Repository: **Perform the following actions:**

1. Login to the system.
2. Navigate to the Workspace landing page.



3. Click the **Data Repository** module icon.



- By default, the system brings you to the View Studies from the Workspace landing page. From the Data Repository View Studies list page, select the study you like to edit by clicking on the study link as shown below:

Home
Workspace
ProFormS
GUID
Data Dictionary
Data Repository
Query
Meta Study
Account Management

### Data Repository

#### View Studies

View Studies lists the studies that the user has permissions to view. The provided filters will allow users to filter the list by ownership, data submission status, and data type. The search capability allows users to search by Study Title, Study ID, Principle Investigator (PI), and by the Permission Type that the user holds for a particular study (Owner, Admin, Read, Write).

Results are shown in a tabular format to include the following:

Ownership: all
All studies
All data types
All Study Types
Search

TITLE	ORGANIZATION	STUDY ID	PI	DATA TYPES	PERMISSION	FUNDING SOURCE	SHARED DATA
<a href="#">A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine</a>	Foundation	FITBR-STUDY0000323	Todd Schwedt		Read	DoD-MRDC	N
<a href="#">ADAPT Sub-study: Genetic and environmental influences on recovery of severe pediatric brain injury</a>		FITBR-STUDY0000351	Brad Kurovski		Read	NIH-NINDS	N
<a href="#">ADAPT Sub-study: MRI Markers of Functional Outcome after Severe Pediatric Traumatic Brain Injury</a>	University of Wisconsin-Madison	FITBR-STUDY0000346	Peter A. Ferrazzano, MD		Read	NIH-NINDS	N
<a href="#">Adding Legacy Clinical Data to the Federal Interagency Traumatic Brain Injury, Cocaine Brain Injury Treatment Trial (COBRIT)</a>	Spaulding Rehabilitation Hospital and Harvard Medical School	FITBR-STUDY0000240	Ross Zafonte, DO		Read	NIH-NINDS	Y
<a href="#">Addition of Pediatric TBI Data to FITBR: Child Health After Injury / CHAI study</a>	University of Washington	FITBR-STUDY0000230	Frederick P. Rivara, MD, MPH		Read	NIH-NINDS	Y
<a href="#">Advanced Imaging Acquisition and Data Analysis for a Military TBI Neuroimaging Database at NIDCD</a>		FITBR-STUDY0000234	John Olinger		Read	DoD-MRDC	N
<a href="#">Advanced morphological analysis of cerebral blood flow for acute concussion diagnosis and risk-to-risk determination</a>	Neural Analytics, Inc	FITBR-STUDY0000377	Robert Hamilton, PhD		Read	NIH-NINDS	N
<a href="#">AIM: TBI Impact of Aged on the Immune Response to Traumatic Brain Injury</a>	University of Washington	FITBR-STUDY0000256	Hilane J. Thompson		Read	NIH-NINDS	N
<a href="#">An Independent, Prospective, Head-to-Head Study of the Reliability and Validity of Neurocognitive Test Batteries for the Assessment of Mild Traumatic Brain Injury</a>	Anthrotronix	FITBR-STUDY0000244	Corinna Lathan		Read	DoD-MRDC	Y
<a href="#">Approaches and Decisions in Acute Pediatric TBI Trial (ADAPT)</a>	University of Pittsburgh	FITBR-STUDY0000231	Stephen Wisniewski, PhD		Read	NIH-NINDS	N
<a href="#">Assessment and Rehabilitation of Traumatic Brain Injury with Virtual Reality-Driven Simulation (CNRM)</a>		FITBR-STUDY0000292	Mark Eitenhofer		Read	CNRM	N
<a href="#">Automated Comprehensive Evaluation of Mild Traumatic Brain Injury Visual Dysfunction</a>	WOMACK ARMY MEDICAL CENTER	FITBR-STUDY0000326	Jose E. Capo-Agorta		Read	DoD-MRDC	Y
<a href="#">Biomarker-Driven Development of Experimental Therapeutics for Traumatic Brain Injury (CNRM)</a>	National Institutes of Health Clinical Center (CC)	FITBR-STUDY0000272	Jessica Gil		Read	CNRM	Y
<a href="#">Biomechanical Basis of Pediatric mTBI Due to Sports-Related Concussion</a>	Virginia Polytechnic Institute and State University	FITBR-STUDY0000274	Stefan Duma, PhD		Read	NIH-NINDS	N
<a href="#">Blood Biomarker Profile of TBI-Associated Cognitive Impairment Among Old and Young Veterans</a>	University of California, San Francisco	FITBR-STUDY0000334	Kristine Yaffe, M.D.		Read	DoD-MRDC	N

5. The Study Overview page appears. Click the **Edit** button.

Home Workspace ProFORMS GUID Data Dictionary **Data Repository** Query Meta Study Account Management

**Data Repository**

[View Studies](#) - A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine

**Study: A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine**

**Study Overview:**

Title: A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine 

Study ID: FITBIR-STUDY0000323  
 Study ID Source: BRICS System Generated  
 Study DOI:  
 Study DOI Source:  
 Visibility: Public  
 Recruitment Status: Recruiting  
 Study Type: Other  
 Study URL:  
 Therapeutic Agents:  
 Therapy Types:  
 Therapeutic Targets:  
 Model Names:  
 Model Types:

**Abstract:** Traumatic brain injury (TBI) and post-traumatic headache (PTH) are common conditions that exert substantial impacts in the military and in the civilian population. TBI is a signature injury of U.S. Soldiers during modern warfare with 20% of Operation Enduring Freedom and Operation Iraqi Freedom Veterans having experienced TBI, 75% of which are mild TBI (mTBI). In addition, approximately 1.7 million American civilians seek medical attention each year for TBI and there are 1.5-3.3 million sports-related mTBIs annually. Headache is the most common symptom following mTBI, with estimates of headache prevalence following mTBI as high as 90%. PTH is often persistent (i.e., endures for >3 months following the injury), with about 66% of people with mTBI reporting continued headaches at 3 months post-injury.

**Study Aims:**  
 Start Date: 2015-09-15  
 End Date: 2018-09-14  
 Duration: 1095 days  
 Primary Funding Source: DoD-MRDC  
 Estimated Number of Subjects:

**Study Research Management:**

Search:

TITLE	FULL NAME	E-MAIL	ORGANIZATION
Primary Principal Investigator	John doe	john.doe@mayo.edu	Mayo Clinic and Foundation

Showing 1 to 1 of 1 entries First Previous 1 Next Last

**Study Site:**

Search:

SITE NAME	ADDRESS	CITY	STATE	COUNTRY	PHONE NUMBER
Mayo Clinic and Foundation (Primary)	13400 E Shea Boulevard	Scottsdale	AZ	United States of America	

Showing 1 to 1 of 1 entries First Previous 1 Next Last

**- Administrative Files**

Listed below are the administrative files that have been uploaded for your study.

Search:

NAME	TYPE	DESCRIPTION	DATE UPLOADED
FITBIR_Submission_Request.pdf	Data Submission Document	Data Submission Document	2016-04-27 00:00

Showing 1 to 1 of 1 entries First Previous 1 Next Last

**- Dataset Submissions**

Show shared & private

Search:

DATA SET ID	NAME	SUBMISSION DATE	TYPE	STATUS	# OF REC
No matching records found					

Showing 0 to 0 of 0 entries (filtered from 21 total entries) First Previous Next Last

**- Data Access Report**

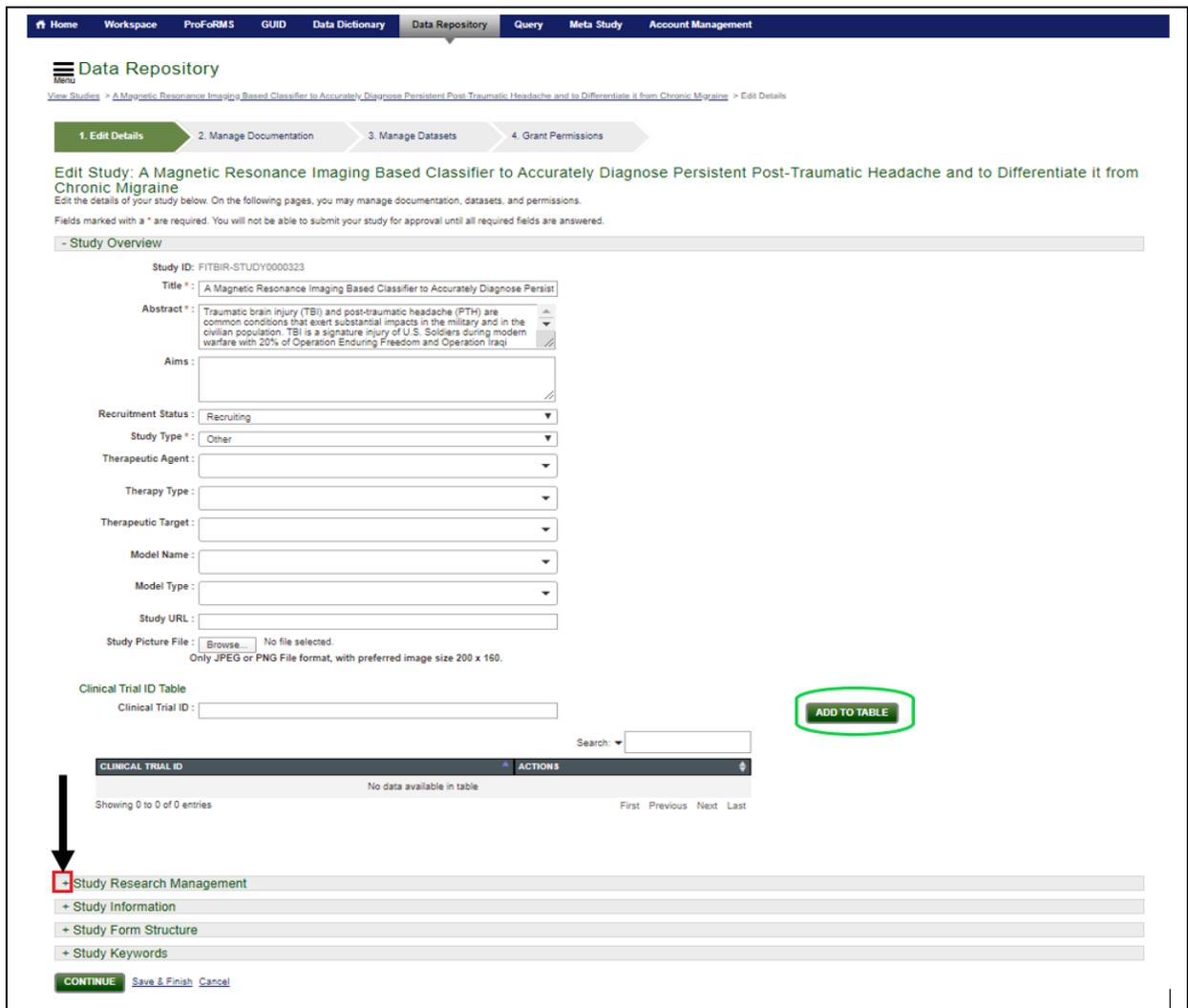
Time Filter: all

Search:

DATA SET ID	NAME	STATUS	USER NAME	DATE	# OF REC	DOWNLOAD LOC.
2042		Archived		2017-06-13 15:41	64	Data Repository

6. Edit the details of your study as shown below. Clicking on the **[+]** expansion icon expands the various section (**Study Research Management**, **Study Information**, **Study Form Structure**, and **Study Keywords**) for additional study details.

On the following pages, you may manage **documentation**, **datasets**, and **permissions**. **Note:** Fields marked with an asterisk \* are required. You will not be able to submit your study for approval until all required fields are answered.



Home Workspace ProfORMS GUID Data Dictionary Data Repository Query Meta Study Account Management

**Data Repository**

View Studies > A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine > Edit Details

1. Edit Details 2. Manage Documentation 3. Manage Datasets 4. Grant Permissions

**Edit Study: A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine**  
 Edit the details of your study below. On the following pages, you may manage documentation, datasets, and permissions.  
 Fields marked with a \* are required. You will not be able to submit your study for approval until all required fields are answered.

**- Study Overview**

Study ID: FITBIR-STUDY0000323

Title \*: A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine

Abstract \*: Traumatic brain injury (TBI) and post-traumatic headache (PTH) are common conditions that exert substantial impacts in the military and in the civilian population. TBI is a signature injury of U.S. Soldiers during modern warfare with 20% of Operation Enduring Freedom and Operation Iraq

Aims:

Recruitment Status: Recruiting

Study Type \*: Other

Therapeutic Agent:

Therapy Type:

Therapeutic Target:

Model Name:

Model Type:

Study URL:

Study Picture File:  No file selected.  
 Only JPEG or PNG File format, with preferred image size 200 x 160.

Clinical Trial ID Table

Clinical Trial ID:

Search:

**ADD TO TABLE**

CLINICAL TRIAL ID	ACTIONS
No data available in table	

Showing 0 to 0 of 0 entries First Previous Next Last

**- Study Research Management**

+ Study Information

+ Study Form Structure

+ Study Keywords

**CONTINUE** Save & Finish Cancel

7. Click the **Continue** button when complete.

Home Workspace ProFoRMS GUID Data Dictionary **Data Repository** Query Meta Study Account Management

**Data Repository**

View Studies > A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine > Edit Details

1. Edit Details 2. Manage Documentation 3. Manage Datasets 4. Grant Permissions

**Edit Study: A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine**

Edit the details of your study below. On the following pages, you may manage documentation, datasets, and permissions.

Fields marked with a \* are required. You will not be able to submit your study for approval until all required fields are answered.

**- Study Overview**

Study ID: FITBIR-STUDY0000323

Title \*:

Abstract \*:

Aims:

Recruitment Status:

Study Type \*:

Therapeutic Agent:

Therapy Type:

Therapeutic Target:

Model Name:

Model Type:

Study URL:

Study Picture File:  No file selected.  
Only JPEG or PNG File format, with preferred image size 200 x 160.

**Clinical Trial ID Table**

Clinical Trial ID:

Search:

CLINICAL TRIAL ID	ACTIONS
No data available in table	

Showing 0 to 0 of 0 entries First Previous Next Last

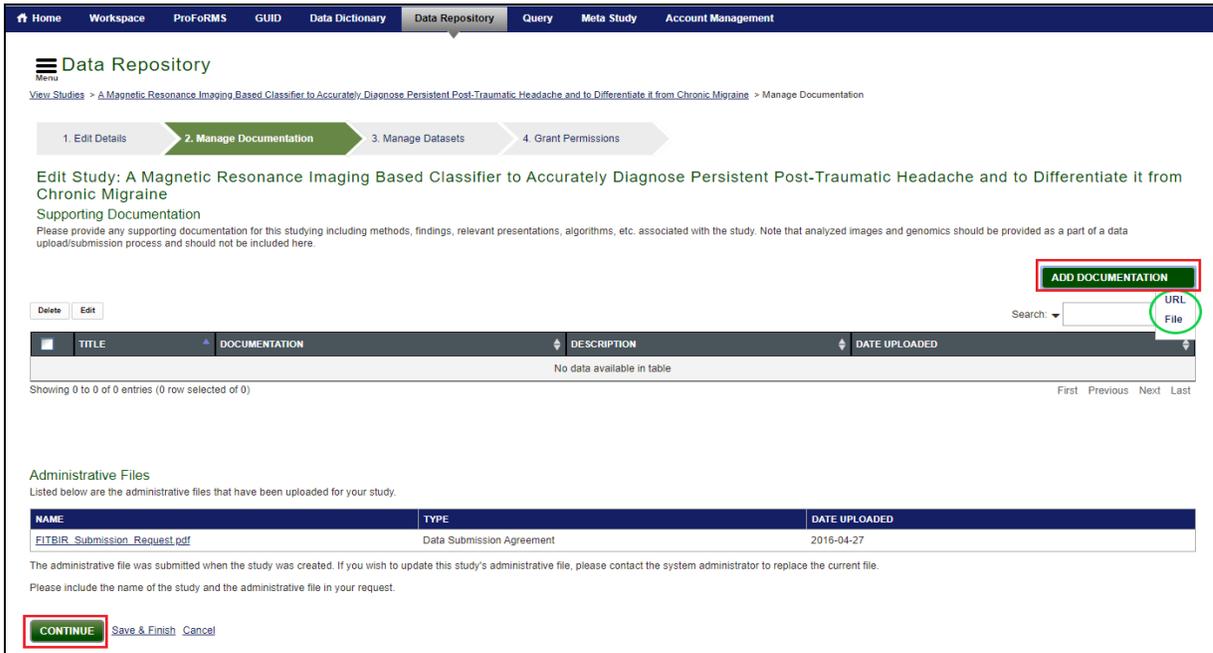
+ Study Research Management

+ Study Information

+ Study Form Structure

+ Study Keywords

**8. Manage Documentation:** Click the **Add Documentation** button to select the desired file or URL to upload. Click the **Continue** button.



Home Workspace ProFoRMS GUID Data Dictionary **Data Repository** Query Meta Study Account Management

Data Repository

View Studies > A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine > Manage Documentation

1. Edit Details 2. **Manage Documentation** 3. Manage Datasets 4. Grant Permissions

Edit Study: A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine

Supporting Documentation

Please provide any supporting documentation for this studying including methods, findings, relevant presentations, algorithms, etc. associated with the study. Note that analyzed images and genomics should be provided as a part of a data upload/submission process and should not be included here.

Delete Edit Search:  **ADD DOCUMENTATION** **URL File**

TITLE	DOCUMENTATION	DESCRIPTION	DATE UPLOADED
No data available in table			

Showing 0 to 0 of 0 entries (0 row selected of 0) First Previous Next Last

Administrative Files

Listed below are the administrative files that have been uploaded for your study.

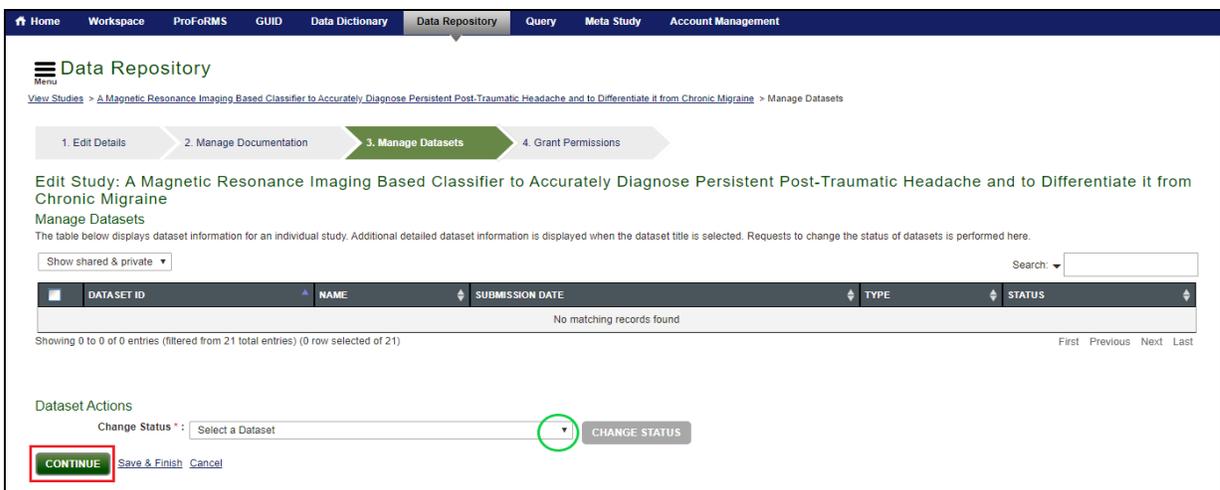
NAME	TYPE	DATE UPLOADED
<a href="#">FITBIR_Submission_Request.pdf</a>	Data Submission Agreement	2016-04-27

The administrative file was submitted when the study was created. If you wish to update this study's administrative file, please contact the system administrator to replace the current file.

Please include the name of the study and the administrative file in your request.

**CONTINUE** Save & Finish Cancel

**9. Manage Datasets:** In the table below, the dataset information for an individual study is displayed when the dataset title is selected. You may request change to the status of datasets from here by selecting the drop-down menu beside “**Change Status**” to select a Dataset. Click the **Continue** button.



Home Workspace ProFoRMS GUID Data Dictionary **Data Repository** Query Meta Study Account Management

Data Repository

View Studies > A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine > Manage Datasets

1. Edit Details 2. Manage Documentation 3. **Manage Datasets** 4. Grant Permissions

Edit Study: A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine

Manage Datasets

The table below displays dataset information for an individual study. Additional detailed dataset information is displayed when the dataset title is selected. Requests to change the status of datasets is performed here.

Show shared & private Search:

DATASET ID	NAME	SUBMISSION DATE	TYPE	STATUS
No matching records found				

Showing 0 to 0 of 0 entries (filtered from 21 total entries) (0 row selected of 21) First Previous Next Last

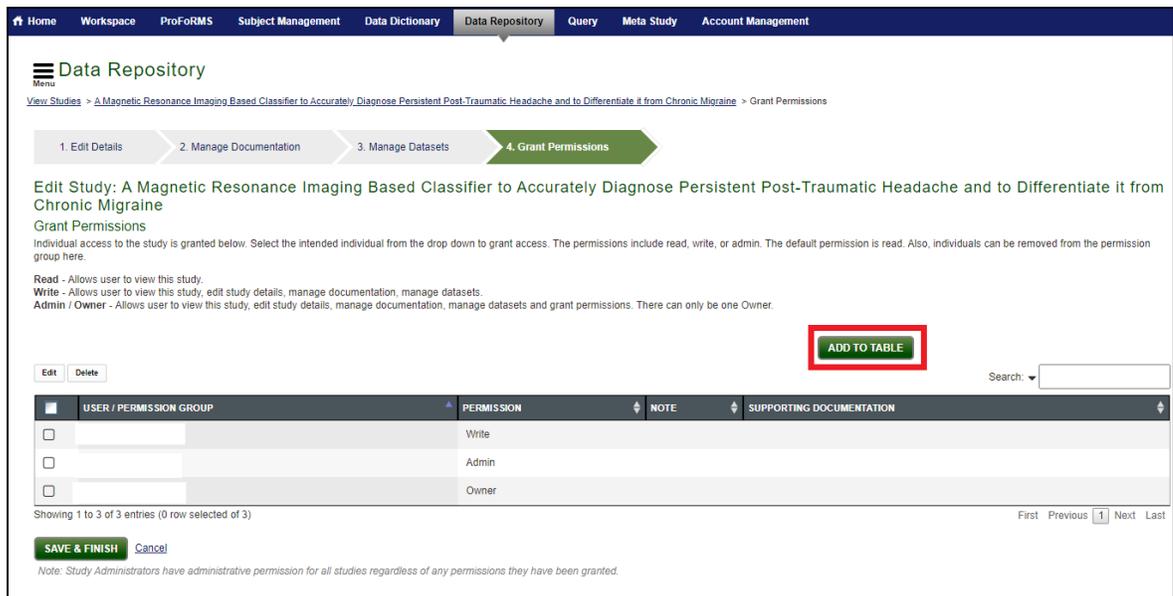
Dataset Actions

Change Status \* :  **CHANGE STATUS**

**CONTINUE** Save & Finish Cancel

10. In the **Grant Permissions** section, individual access to the study profile and datasets can be granted to users during submission. The different permissions are **Read**, **Write**, and **Admin**. Other users will have Read access once the datasets have been shared.

To grant access to study team members to the study profile and datasets, click on the **Add to Table** button.



**Data Repository**

View Studies > A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine > Grant Permissions

1. Edit Details > 2. Manage Documentation > 3. Manage Datasets > 4. Grant Permissions

**Edit Study: A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine**

**Grant Permissions**

Individual access to the study is granted below. Select the intended individual from the drop down to grant access. The permissions include read, write, or admin. The default permission is read. Also, individuals can be removed from the permission group here.

**Read** - Allows user to view this study.  
**Write** - Allows user to view this study, edit study details, manage documentation, manage datasets.  
**Admin / Owner** - Allows user to view this study, edit study details, manage documentation, manage datasets and grant permissions. There can only be one Owner.

**ADD TO TABLE**

Search:

<input type="checkbox"/>	USER / PERMISSION GROUP	PERMISSION	NOTE	SUPPORTING DOCUMENTATION
<input type="checkbox"/>		Write		
<input type="checkbox"/>		Admin		
<input type="checkbox"/>		Owner		

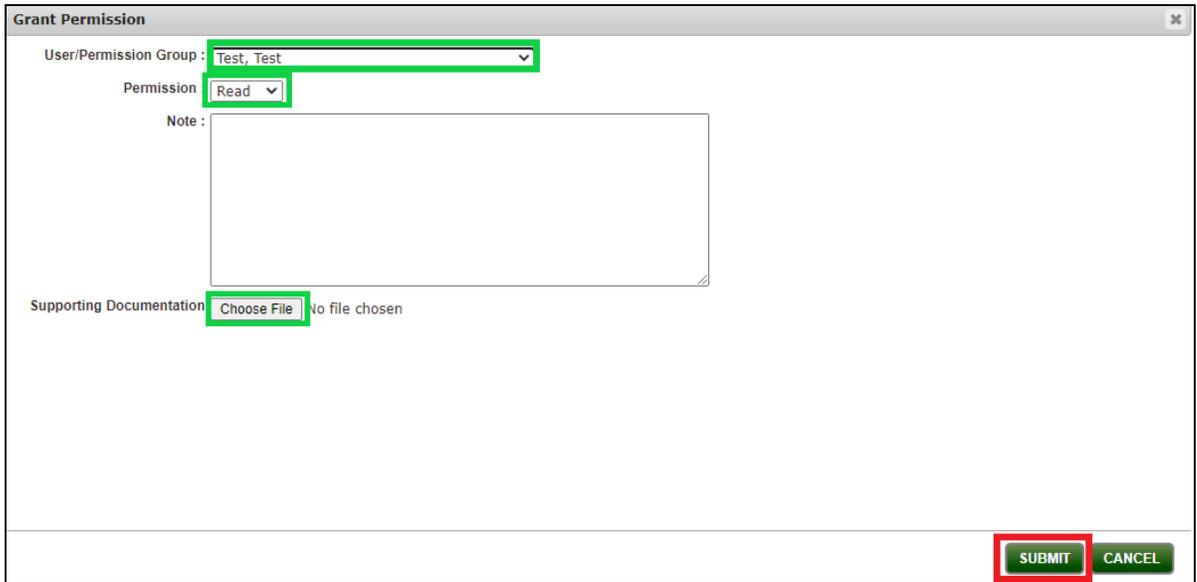
Showing 1 to 3 of 3 entries (0 row selected of 3)

First Previous 1 Next Last

**SAVE & FINISH** [Cancel](#)

Note: Study Administrators have administrative permission for all studies regardless of any permissions they have been granted.

Select a username/permission group from the Drop Down list. Select the permission access for the user(s). Note: Study Administrators have administrative permissions for **ALL** studies regardless of any permissions they have been granted. Click **Choose File** button to select the supporting documentation to upload. Click **Submit**.



The image shows a 'Grant Permission' dialog box with the following fields and controls:

- User/Permission Group:** A dropdown menu with 'Test, Test' selected.
- Permission:** A dropdown menu with 'Read' selected.
- Note:** A large empty text area.
- Supporting Documentation:** A section containing a 'Choose File' button and the text 'No file chosen'.
- Buttons:** 'SUBMIT' and 'CANCEL' buttons at the bottom right.

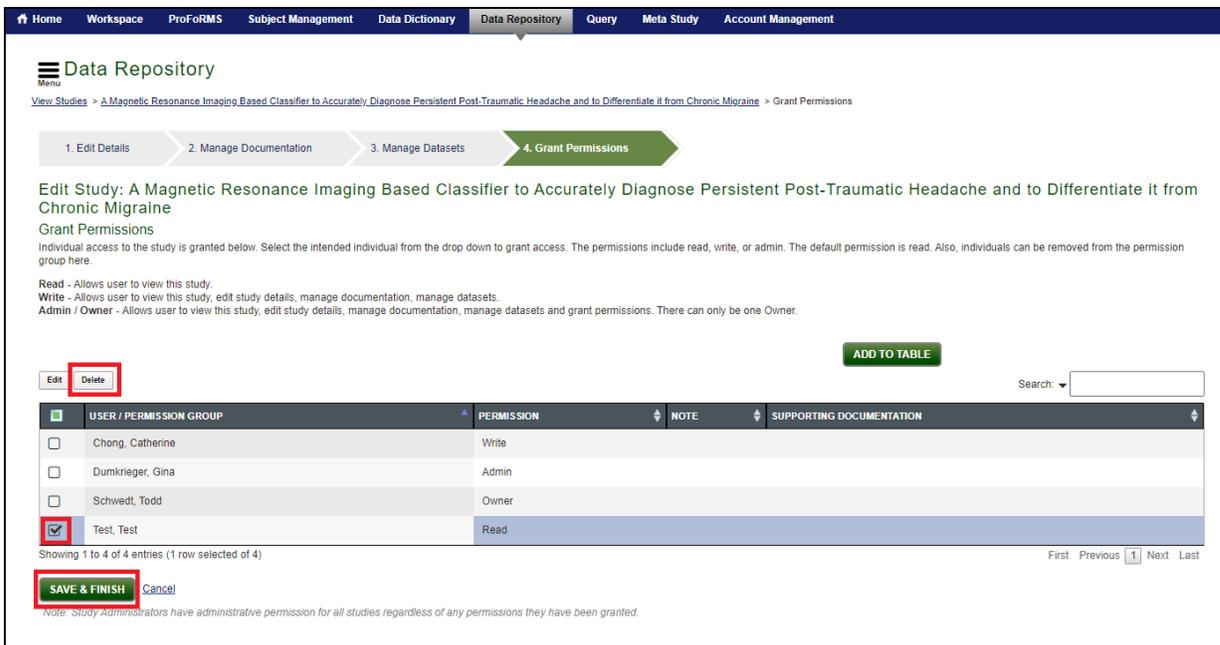
To remove users from the study profile, choose the user/permission group and click **Delete**. Click **Save & Finish** to complete the process.

Below are the descriptions for the different permissions:

**Read** - Allows user to view this study.

**Write** - Allows user to view this study, edit study details, manage documentation, and manage datasets.

**Admin / Owner** - Allows user to view this study, edit study details, manage documentation, manage datasets and grant permissions. There can only be one Owner.



**Data Repository**

View Studies > A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine > Grant Permissions

1. Edit Details 2. Manage Documentation 3. Manage Datasets 4. Grant Permissions

**Edit Study: A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine**

**Grant Permissions**

Individual access to the study is granted below. Select the intended individual from the drop down to grant access. The permissions include read, write, or admin. The default permission is read. Also, individuals can be removed from the permission group here.

**Read** - Allows user to view this study.  
**Write** - Allows user to view this study, edit study details, manage documentation, manage datasets.  
**Admin / Owner** - Allows user to view this study, edit study details, manage documentation, manage datasets and grant permissions. There can only be one Owner.

**ADD TO TABLE**

Search:

<input type="checkbox"/>	USER / PERMISSION GROUP	PERMISSION	NOTE	SUPPORTING DOCUMENTATION
<input type="checkbox"/>	Chong, Catherine	Write		
<input type="checkbox"/>	Dumkrieger, Gina	Admin		
<input type="checkbox"/>	Schwedt, Todd	Owner		
<input checked="" type="checkbox"/>	Test, Test	Read		

Showing 1 to 4 of 4 entries (1 row selected of 4)

**SAVE & FINISH**

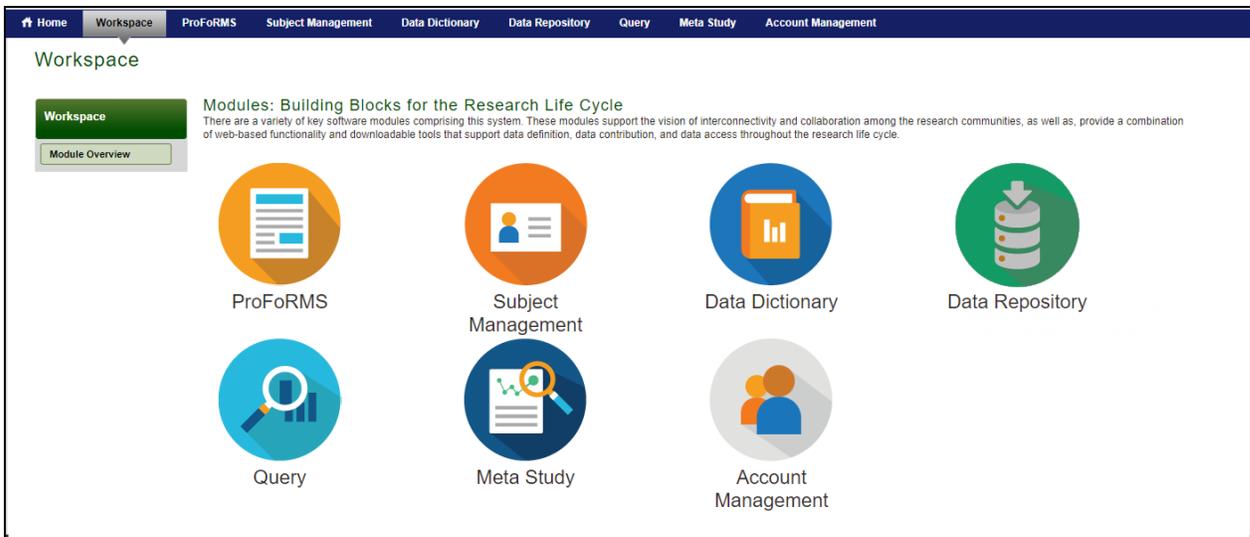
Note: Study Administrators have administrative permission for all studies regardless of any permissions they have been granted.

### 5.2.3 Create Study

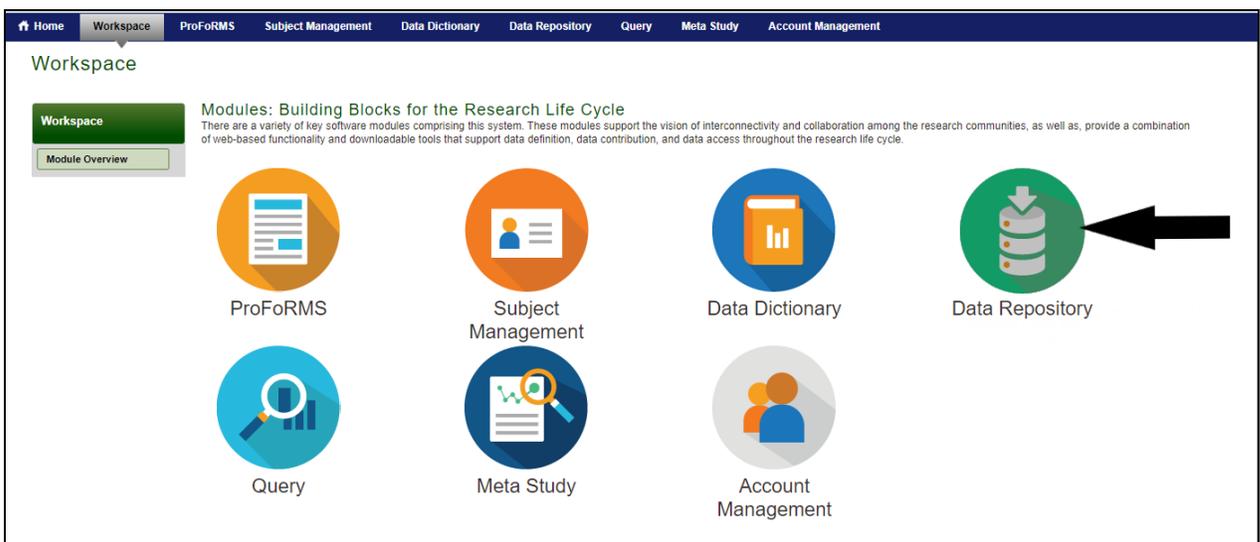
The **Create Study** functionality allows users with permission to create a study by providing the relevant information requested and submitting the request which will be reviewed by a BRICS Systems Administrator. Once approved by the Systems Administrator, users may begin to submit data to the system.

**To Create a Study in Data Repository:** Perform the following actions:

1. Login to the system.
2. Navigate to the Workspace landing page.



3. Click the **Data Repository** module icon.



- Click the  on the left-side tool bar. The Data Repository Tool menu opens and expands.

Home Workspace ProFORMS GUID Data Dictionary **Data Repository** Query Meta Study Account Management

 **Data Repository**

**View Studies**  
View Studies lists the studies that the user has permissions to view. The provided filters will allow users to filter the list by ownership, data submission status, and data type. The search capability allows users to search by Study Title, Study ID, Principle Investigator (PI), and by the Permission Type that the user holds for a particular study (Owner, Admin, Read, Write).  
Results are shown in a tabular format to include the following:

Ownership: all | All studies | All data types | All Study Types | Search:

TITLE	ORGANIZATION	STUDY ID	PI	DATA TYPES	PERMISSION	FUNDING SOURCE	SHARED DATA
A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine	Mayo Clinic and Foundation	FITBIR-STUDY0000323	Todd Schwedt		Read	DoD-MRDC	N
ADAPT Sub-study: Genetic and environmental influences on recovery of severe pediatric brain injury		FITBIR-STUDY0000351	Brad Kurowski		Read	NIH-NINDS	N
ADAPT Sub-study: MRI Markers of Functional Outcome after Severe Pediatric Traumatic Brain Injury	University of Wisconsin-Madison	FITBIR-STUDY0000346	Peter A Ferrazzano, MD		Read	NIH-NINDS	N
Adding Legacy Clinical Data to the Federal Interagency Traumatic Brain Injury Concussion Brain Injury Treatment Trial (COBRIT)	Spaulding Rehabilitation Hospital and Harvard Medical School	FITBIR-STUDY0000240	Ross Zafonte, DO		Read	NIH-NINDS	Y
Addition of Pediatric TBI Data to FITBIR Child Health After Injury (CHA) study	University of Washington	FITBIR-STUDY0000230	Frederick P Rivara, MD, MPH		Read	NIH-NINDS	Y
Advanced Imaging Acquisition and Data Analysis for a Military TBI Neuroimaging Database at NCoE		FITBIR-STUDY0000234	John Ollinger		Read	DoD-MRDC	N
Advanced morphological analysis of cerebral blood flow for acute concussion diagnosis and return-to-play determination	Neural Analytics, Inc	FITBIR-STUDY0000377	Robert Hamilton, PhD		Read	NIH-NINDS	N
AIM: TBI Impact of Aging on the Immune Response to Traumatic Brain Injury	University of Washington	FITBIR-STUDY0000266	Hilaire J Thompson		Read	NIH-NINDS	N
An Independent Prospective Head-to-Head Study of the Reliability and Validity of Neurocognitive Test Batteries for the Assessment of Mild Traumatic Brain Injury	Anthrotroxix	FITBIR-STUDY0000244	Corinna Lathan		Read	DoD-MRDC	Y
Approaches and Decisions in Acute Pediatric TBI Trial (ADAPT)	University of Pittsburgh	FITBIR-STUDY0000231	Stephen Wisniewski, PhD		Read	NIH-NINDS	N
Assessment and Rehabilitation of Traumatic Brain Injury with Virtual Reality Driving Simulation (CNRM)		FITBIR-STUDY0000292	Mark Ettenhofer		Read	CNRM	N
Automated Comprehensive Evaluation of Mild Traumatic Brain Injury Visual Dysfunction	WOMACK ARMY MEDICAL CENTER	FITBIR-STUDY0000326	Jose E Capo-Aponte		Read	DoD-MRDC	Y
Biomarkers-Driven Development of Experimental Therapeutics for Traumatic Brain Injury (CNRM)	National Institutes of Health Clinical Center (CC)	FITBIR-STUDY0000272	Jessica Gill		Read	CNRM	Y
Biomechanical Basis of Pediatric mTBI Due to Sports Related Concussion	Virginia Polytechnic Institute and State University	FITBIR-STUDY0000274	Stefan Duma, PhD		Read	NIH-NINDS	N

- Select **Create** under Form Structures from the left-hand drop-down menu. The Create Study general details page appears.

**Manage Studies**

View Studies

**Create Study**

Submission Tools

MIPAV Imaging Tool

Download Tool

**Study Overview:** Complete all required fields marked with an \*asterisk:

- ❖ Title\*
- ❖ Abstract\*
- ❖ Aims
- ❖ Recruitment Status
- ❖ Study Type\*
- ❖ Therapeutic Agent
- ❖ Therapy Type
- ❖ Therapeutic Target
- ❖ Model Name
- ❖ Model Type
- ❖ Study URL
- ❖ Study Picture File
- ❖ Clinical Trial ID

**Study Research Management:** Complete all required fields marked with an \*asterisk:

- ❖ Role\*
- ❖ First Name\*
- ❖ Middle Initial
- ❖ Last Name\*
- ❖ Suffix
- ❖ E-Mail
- ❖ Organization Name\*
- ❖ ORCID
- ❖ Picture File

**Study Information:** Complete all required fields marked with an \*asterisk:

- ❖ Site Name\*
- ❖ Address
- ❖ Country
- ❖ City
- ❖ Phone Number
- ❖ Start Date\*
- ❖ End Date\*
- ❖ Estimated Number of Subjects
- ❖ Primary Funding Source\*

- ❖ Grant/Project ID

**Study Form Structure:**

- ❖ Form Structures

**Study Keywords:**

- ❖ Associated Keywords

7. Fill out the general details below to create a study. On the following pages, you may attach data elements and apply permissions. Fields marked with a \* are required.

Home Workspace ProFoRMS GUID Data Dictionary **Data Repository** Query Meta Study Account Management

### Data Repository

#### Create Study

Please enter your study information below. Once you've completed the mandatory fields, click the submit button. Your study request will be reviewed by a system administrator. Once the system administrator approves your request, you can start submitting data to the study.

Fields marked with a \* are required. You will not be able to submit your study for approval until all required fields are answered.

**- Study Overview**

Title \*

Abstract \*

Aims:

Recruitment Status:

Study Type \*

Therapeutic Agent:

Therapy Type:

Therapeutic Target:

Model Name:

Model Type:

Study URL:

Study Picture File:  No file selected.  
Only JPEG or PNG File format, with preferred image size 200 x 160.

Clinical Trial ID Table

Clinical Trial ID:

[ADD TO TABLE](#)

Search:

CLINICAL TRIAL ID	ACTIONS
No data available in table	

Showing 0 to 0 of 0 entries First Previous Next Last

**- Study Research Management**

[ADD TO TABLE](#)

Research Management Table

Search:

ROLE	FULL NAME	E-MAIL	ORGANIZATION	ORCID
<input type="checkbox"/>	Data Manager	Jane Doe	Jane.Doe@dbc4brics.org	NIH

Showing 1 to 1 of 1 entries (0 row selected of 1) First Previous **1** Next Last

**- Study Information**

Site Name \*   Primary Site

Address Line 1:

Address Line 2:

Country:

City:

Phone Number:

Site Table

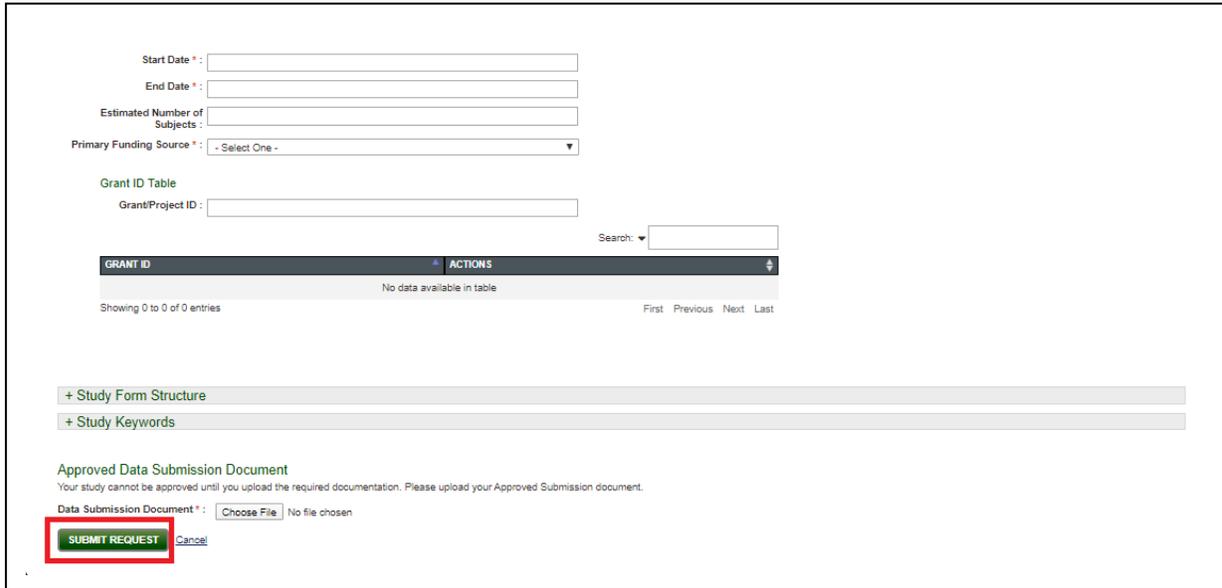
[ADD TO TABLE](#)

Search:

SITE NAME	ADDRESS	CITY	STATE	COUNTRY	PHONE NUMBER	ACTIONS
No data available in table						

Showing 0 to 0 of 0 entries First Previous Next Last

8. Click the **Submit Request** button. **Note:** Your study cannot be approved if the required data submission documentation(s) are not uploaded. Remember to submit your Approved Submission document.



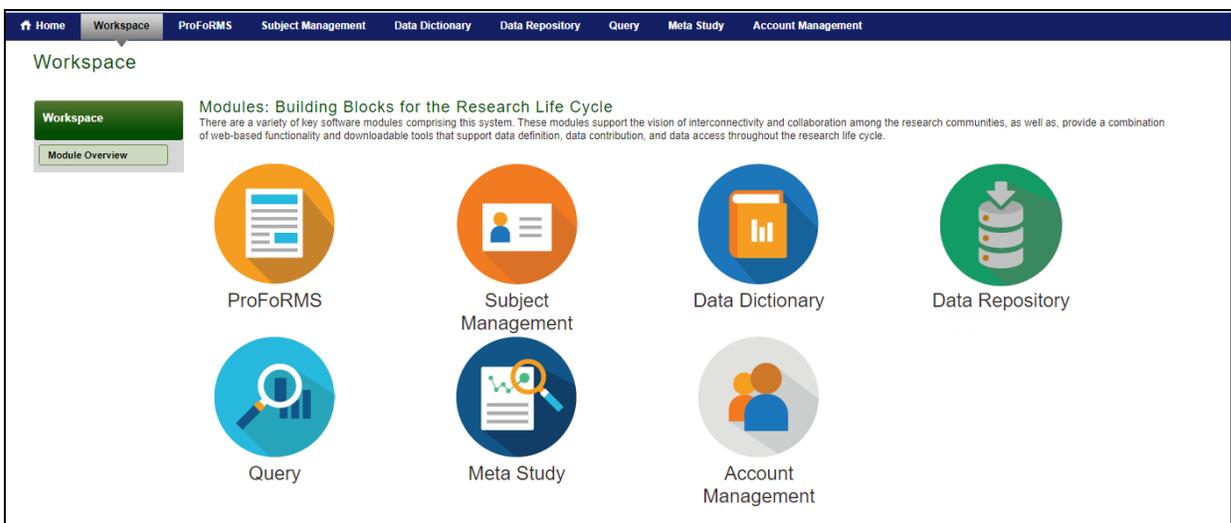
The screenshot displays a web form for submitting a request. At the top, there are input fields for 'Start Date \*', 'End Date \*', 'Estimated Number of Subjects', and a dropdown menu for 'Primary Funding Source \*'. Below these is a 'Grant ID Table' section with a 'GrantProject ID' input field and a search box. A table with columns 'GRANT ID' and 'ACTIONS' is shown, containing the message 'No data available in table'. Below the table are expandable sections for '+ Study Form Structure' and '+ Study Keywords'. The 'Approved Data Submission Document' section includes a note: 'Your study cannot be approved until you upload the required documentation. Please upload your Approved Submission document.' and a file upload area with a 'Choose File' button and the text 'No file chosen'. At the bottom left, a green 'SUBMIT REQUEST' button is highlighted with a red rectangular box, next to a 'Cancel' link.

### 5.2.4 Search Studies

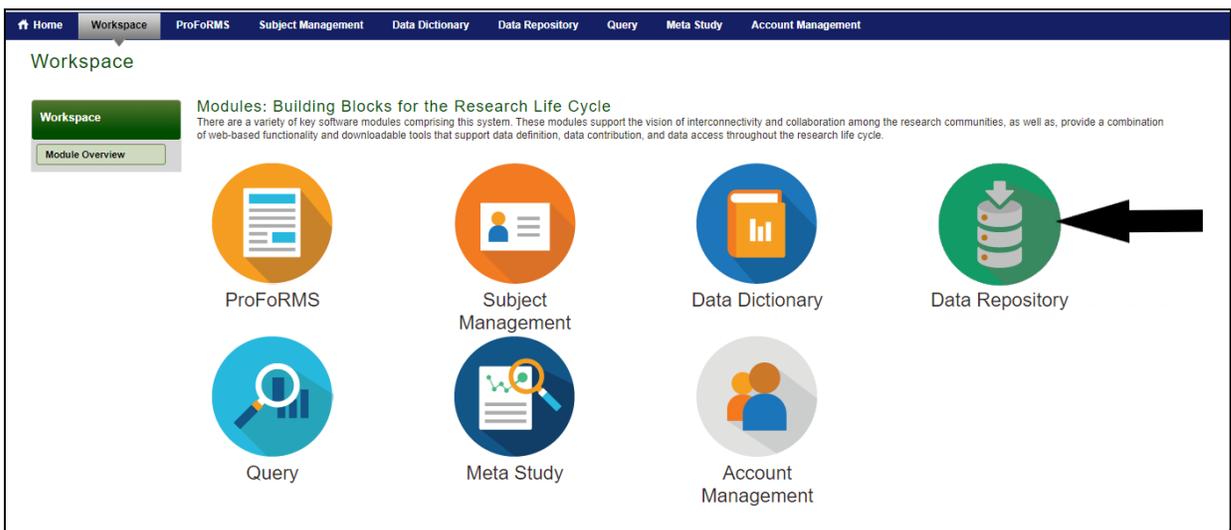
The search capability allows users to search by **Study Title**, **Study ID**, **Principle Investigator** (PI), and by the **Permission Type** that the user holds for a particular study (Owner, Admin, Read, or Write).

To Search Studies in Data Repository: **Perform the following actions:**

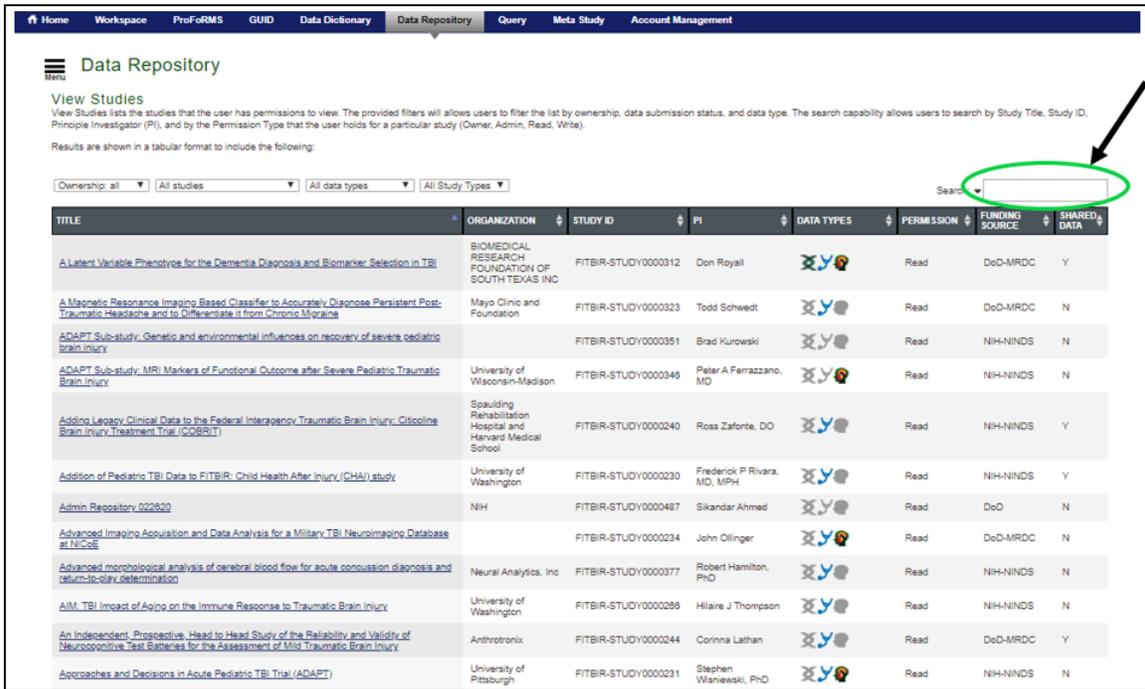
1. Login to the system.
2. Navigate to the Workspace landing page.



3. Click the **Data Repository** module icon.



- By default, the system brings you to the View Studies from the Workspace landing page. In the search text-box, enter the **Study Title, Study ID, Principle Investigator (PI), and/or by the Permission Type** that the user holds for a particular study (Owner, Admin, Read, or Write).



**Data Repository**

**View Studies**

View Studies lists the studies that the user has permissions to view. The provided filters will allow users to filter the list by ownership, data submission status, and data type. The search capability allows users to search by Study Title, Study ID, Principle Investigator (PI), and by the Permission Type that the user holds for a particular study (Owner, Admin, Read, Write).

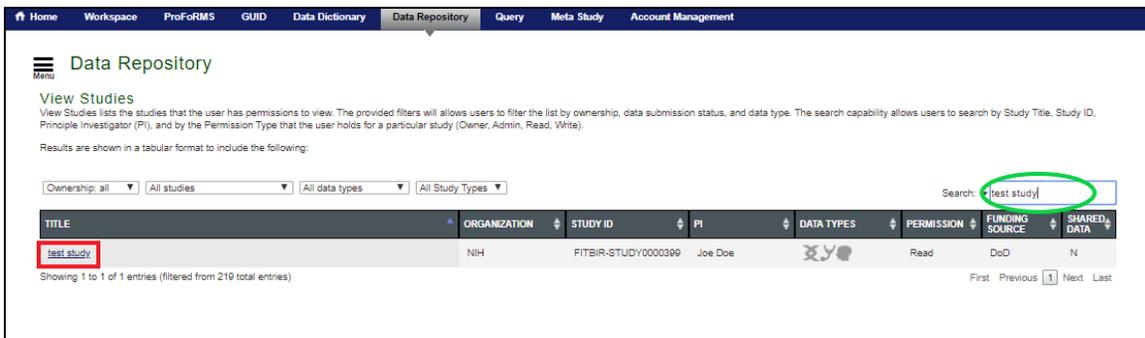
Results are shown in a tabular format to include the following:

Ownership: all | All studies | All data types | All Study Types

Search:

TITLE	ORGANIZATION	STUDY ID	PI	DATA TYPES	PERMISSION	FUNDING SOURCE	SHARED DATA
<a href="#">A Latent Variable Phenotype for the Dementia Diagnosis and Biomarker Selection in TBI</a>	BIOMEDICAL RESEARCH FOUNDATION OF SOUTH TEXAS INC	FITBIR-STUDY0000312	Don Royall		Read	DoD-MRDC	Y
<a href="#">A Magnetic Resonance Imaging Based Classifier to Accurately Diagnose Persistent Post-Traumatic Headache and to Differentiate it from Chronic Migraine</a>	Mayo Clinic and Foundation	FITBIR-STUDY0000323	Todd Schwedt		Read	DoD-MRDC	N
<a href="#">ADAPT Sub-study: Genetic and environmental influences on recovery of severe pediatric brain injury</a>	University of Wisconsin-Madison	FITBIR-STUDY0000351	Brad Kurowski		Read	NIH-NINDS	N
<a href="#">ADAPT Sub-study: MRI Markers of Functional Outcome after Severe Pediatric Traumatic Brain Injury</a>	University of Wisconsin-Madison	FITBIR-STUDY0000346	Peter A Ferrazzano, MD		Read	NIH-NINDS	N
<a href="#">Adding Legacy Clinical Data to the Federal Interagency Traumatic Brain Injury Concussion Brain Injury Treatment Trial (CCBR1)</a>	Spaulding Rehabilitation Hospital and Harvard Medical School	FITBIR-STUDY0000240	Ross Zafonte, DO		Read	NIH-NINDS	Y
<a href="#">Addition of Pediatric TBI Data to FITBIR: Child Health After Injury (CHAI) study</a>	University of Washington	FITBIR-STUDY0000230	Frederick P Rivara, MD, MPH		Read	NIH-NINDS	Y
<a href="#">Admin Repository 022820</a>	NIH	FITBIR-STUDY0000487	Sikandar Ahmed		Read	DoD	N
<a href="#">Advanced Imaging Acquisition and Data Analysis for a Military TBI Neuroimaging Database at NCCSG</a>	Neural Analytics, Inc	FITBIR-STUDY0000234	John Olinger		Read	DoD-MRDC	N
<a href="#">Advanced microphysiological analysis of cerebral blood flow for acute concussion diagnosis and return-to-play determination</a>	Neural Analytics, Inc	FITBIR-STUDY0000377	Robert Hamilton, PhD		Read	NIH-NINDS	N
<a href="#">AIM: TBI Impact of Aging on the Immune Response to Traumatic Brain Injury</a>	University of Washington	FITBIR-STUDY0000298	Hilaine J Thompson		Read	NIH-NINDS	N
<a href="#">An Independent, Prospective, Head to Head Study of the Reliability and Validity of Neurocognitive Test Batteries for the Assessment of Mild Traumatic Brain Injury</a>	Anthrotronix	FITBIR-STUDY0000244	Corinna Lathan		Read	DoD-MRDC	Y
<a href="#">Approaches and Decisions in Acute Pediatric TBI Trial (ADAPT)</a>	University of Pittsburgh	FITBIR-STUDY0000231	Stephen Wisniewski, PhD		Read	NIH-NINDS	N

- In this example, “test study” was used for the search. The study appears in the View Studies list page as shown below:



**Data Repository**

**View Studies**

View Studies lists the studies that the user has permissions to view. The provided filters will allow users to filter the list by ownership, data submission status, and data type. The search capability allows users to search by Study Title, Study ID, Principle Investigator (PI), and by the Permission Type that the user holds for a particular study (Owner, Admin, Read, Write).

Results are shown in a tabular format to include the following:

Ownership: all | All studies | All data types | All Study Types

Search:

TITLE	ORGANIZATION	STUDY ID	PI	DATA TYPES	PERMISSION	FUNDING SOURCE	SHARED DATA
<b>test study</b>	NIH	FITBIR-STUDY0000399	Joe Doe		Read	DoD	N

Showing 1 to 1 of 1 entries (filtered from 210 total entries)

First Previous 1 Next Last

---

**THIS PAGE HAS BEEN LEFT INTENTIONALLY BLANK**

---