



# MAESTRO UPDATE: BUDGET FORECASTING PROJECT AND KEYWORD SEARCHES

MAY 2025



# RESEARCH PORTAL ENHANCEMENTS - DEMO

m

Dashboard

Account

Proposal

Project

Work List

Maestro

Tye Rougas

Select PI

04/21/25 09:16 AM | Support

Person Payroll

Favorite Accounts

\*Shaded projects END within three months.

\*You can hide an Account from current list using 'Hide Account' link, to add an account back use 'All Accounts' filter option.

nd Lead Org

Active Accounts

Filter


Mode


Export

<div>Fixed Price -</div> <div>S-Electrical And Computer Engineering</div> <div>itutional Sources</div>	<div>Administrator: Griselda Vazquez</div> <div>Center:</div> <div>Status: Active</div> <div>Frozen: No</div>	<div>Direct Balance</div> <div>25.41</div>	<div>Indirect Balance</div> <div>0.00</div>	<div>Total Balance</div> <div>25.41</div>	<div>Hide Account</div> <div></div>	<div>Add Favorite</div> <div></div>
<div>orge Bush China-Us Conference - Kezunovic</div> <div>IU-Electrical And Computer Engineering</div> <div>iversity Authorized Tuition-Designated Tuition</div>	<div>Administrator: Tamara Lopez</div> <div>Center:</div> <div>Status: Active</div> <div>Frozen: No</div>	<div>Direct Balance</div> <div>9,721.23</div>	<div>Indirect Balance</div> <div>0.00</div>	<div>Total Balance</div> <div>9,721.23</div>	<div>Hide Account</div> <div></div>	<div>Add Favorite</div> <div></div>
<div>Adms Design For Predictive Outage And Asset M</div> <div>art Grid Center</div> <div>al Sources</div>	<div>Administrator:</div> <div>Center:</div> <div>Status: Active</div> <div>Frozen: No</div>	<div>Direct Balance</div> <div>541.26</div>	<div>Indirect Balance</div> <div>0.00</div>	<div>Total Balance</div> <div>541.26</div>	<div>Hide Account</div> <div></div>	<div>Add Favorite</div> <div></div>
<div>sortium - Power Systems Engineering Research (</div> <div>trical And Computer Engineering</div> <div>ivate Profit</div>	<div>Administrator: Kathrine Farr</div> <div>Center:</div> <div>Status: Active</div> <div>Frozen: No</div>	<div>Direct Balance</div> <div>244,175.39</div>	<div>Indirect Balance</div> <div>0.00</div>	<div>Total Balance</div> <div>244,175.39</div>	<div>Hide Account</div> <div></div>	<div>Add Favorite</div> <div></div>
<div>unovic Udp Funding</div> <div>IU-Electrical And Computer Engineering</div> <div>Sponsored</div>	<div>Administrator: Tamara Lopez</div> <div>Center:</div> <div>Status: Active</div> <div>Frozen: No</div>	<div>Direct Balance</div> <div>5,000.00</div>	<div>Indirect Balance</div> <div>0.00</div>	<div>Total Balance</div> <div>5,000.00</div>	<div>Hide Account</div> <div></div>	<div>Add Favorite</div> <div></div>
<div>i Gifts</div> <div>IU-Electrical And Computer Engineering</div> <div>as A&amp;M Foundation</div>	<div>Administrator: Tamara Lopez</div> <div>Center:</div> <div>Status: Active</div> <div>Frozen: No</div>	<div>Direct Balance</div> <div>76,892.20</div>	<div>Indirect Balance</div> <div>0.00</div>	<div>Total Balance</div> <div>76,892.20</div>	<div>Hide Account</div> <div></div>	<div>Add Favorite</div> <div></div>

Toggles whether an account is hidden on the "Active Accounts" and "Account With Balances" lists


3




**Active Accounts**







Active Accounts

All Accounts
Active Accounts
Accounts with Balances



**Account:** 212637-00000  
**Primary PI:** Kezunovic, Mladen  
**Start Date:** 18-Apr-1994  
**End Date:**









**Account Title:** Pi Fixed Price - Kez  
**Lead Organization:** TEES-Electrical And  
**Sponsor:** Institutional Source

<b>Account Title:</b> Elen-Pi Idc- <b>Lead Organization:</b> TAMU-Electrical And Computer Engineering <b>Sponsor:</b> Designated Funds - F&A Revenues	<b>Administrator:</b> Tamara Lopez <b>Center:</b> <b>Status:</b> Active <b>Frozen:</b> No	<b>Direct Balance</b> 129.42	<b>Indirect Balance</b> 0.00	<b>Total Balance</b> 129.42	<b>Show Account</b> 	<b>Add Favorite</b> 
<b>Account Title:</b> Pi Incentive - <b>Lead Organization:</b> TEES-Electrical And Computer Engineering <b>Sponsor:</b> Institutional Sources	<b>Administrator:</b> Griselda Vazquez <b>Center:</b> <b>Status:</b> Active <b>Frozen:</b> No	<b>Direct Balance</b> -15,438.05	<b>Indirect Balance</b> 0.00	<b>Total Balance</b> -15,438.05	<b>Show Account</b> 	<b>Add Favorite</b> 
<b>Account Title:</b> Residual Funds - <b>Lead Organization:</b> TAMU-Electrical And Computer Engineering <b>Sponsor:</b> Residual Funds-Grants & Contracts	<b>Administrator:</b> Tamara Lopez <b>Center:</b> <b>Status:</b> Active <b>Frozen:</b> No	<b>Direct Balance</b> 0.00	<b>Indirect Balance</b> 0.00	<b>Total Balance</b> 0.00	<b>Show Account</b> 	<b>Add Favorite</b> 










# FAQ AND GETTING STARTED

**Researcher Links**

-  Monthly Statement
-  Favorite Accounts
-  Payroll Allocations
-  Person Payroll
-  Researcher Performance
-  Notification History
-  Quick Reference
-  FAQ

**Search**

-  Award Keyword Search
-  Award
-  Federal Funding Opportunity
-  Inventory
-  Collaborator Search
-  My Federal Opportunities
-  My Reports

\* A special thanks to the Engineering Research Council for the idea



The background of the slide is a futuristic laboratory scene. It features glowing blue hexagonal icons with various scientific symbols (like a DNA helix, a microscope, and chemical structures) floating in the air. In the foreground, a tablet displays a complex data visualization with a funnel chart and bar graphs. The overall aesthetic is high-tech and scientific.

## NEW PI COMPLIANCE ITEM: BIOSAFETY - LIFE SCIENCES



# NEW ITEM WITH REQUIRED UPLOAD

## Proposal & Project Compliance

- If PI answers Yes to proposal involving Life Sciences – upload will be required of the completed Assessment provided in the Related URL Link, and an additional question will populate
  - Click more to expand the definition

Proposal (2502115)

Proposal Notes: 13 (16-Apr-2025)

SponsorDOE-Argonne National Laboratory

Prime SponsorDepartment of Energy

TitleDOE training

PICrystal Foy

TypeNew

StatusSubmitted To Sponsor

Compliance Items

Set All to No

★ Does this proposal involve Human Subjects? ☒ Yes ☐ No

Definition: 45 CFR 46.102 -Human subject means a living individual about whom an investigator (whether profes... [More](#)

Related URL: <http://researchcompliance.tamu.edu/irb>

Contact

★ Does this proposal involve Animals (Vertebrates)? ☒ Yes ☐ No

Definition: Includes research, teaching or testing activities with 1) live vertebrate animals, or 2) vertebra... [More](#)

Related URL: <https://policies.tamug.edu/15-99-07.pdf>

Contact

★ Does this proposal involve Life Sciences? ☒ Yes ☐ No

Definition: Life sciences is the study or use of living organisms, viruses, or their products, including all ... [More](#)

Related URL: [https://maestro.vcc.tamu.edu/Maestro/content/conn/ExternalContentServer/path/Enterprise+Libraries%2FContribution+Folders%2FMaestro%2FPages%2FComplianceForm%2FTAMU\\_DURC\\_PEPP.docx](https://maestro.vcc.tamu.edu/Maestro/content/conn/ExternalContentServer/path/Enterprise+Libraries%2FContribution+Folders%2FMaestro%2FPages%2FComplianceForm%2FTAMU_DURC_PEPP.docx)

Required Documents

Upload

11 (5).sql

?

Contact

★ Does this proposal involve Life Sciences DURC and / or PEPP? ☒ Yes ☐ No

Definition: Please review the Category 1 or Category 2 research criteria in your uploaded assessment in the p... [More](#)

Contact

★ Does this proposal involve International Collaboration? ☒ Yes ☐ No

Definition: An international collaboration is a research relationship with another foreign researcher or spo... [More](#)

Contact

▶ You will be required to address the full list of compliance items once the proposal is awarded.

A large, abstract graphic on the left side of the slide. It features a central circular interface with a padlock icon, surrounded by various hexagonal icons containing different symbols like a globe, a network, and a shield. The background is a dark blue grid with glowing lines and a perspective view of a server room with racks of equipment.

# RESEARCH SECURITY TRAINING



# REQUIRED RESEARCH SECURITY TRAINING


- Researchers who will be submitting Department of Energy (DOE) proposals on or after May 1, 2025 are required to complete research security training PRIOR to proposal submission.
- This applies to all Covered Individuals, including any principal investigator (PI); project director (PD); co-principal investigator (Co-PI); co-project director (Co-PD); project manager; and any individual regardless of title that is functionally performing as a PI, PD, Co-PI, Co-PD, or project manager, as well as anyone designated by DOE.
- The Act defines “covered individuals” as those who significantly contribute to a federally funded project’s development or execution. This group includes, but is not limited to, Principal Investigators (PIs), Project Directors (PDs), and co-investigators. Additionally, certain technical personnel, such as postdoctoral researchers or graduate students, could fall under this category if their contributions to the research are substantial.
- ***Communication included in the April CPI Newsletter***
- [Research Security Training Requirement | Department of Energy](#)

# NOTICE - REQUIRED TRAINING IS INCOMPLETE

1. Real Time API from TrainTraq to update the training completion status in real time
2. Indicator on Proposal and Project General screen and Proposal Routing Document

Proposal General Info

Revisions Navigation

 The sponsor mandates Research Security Training for this Proposal. One or more investigators have not yet completed the required training.

Proposal Number	2507777
PI	Xiaohong Liu
* Lead Organization	TAMU Research Information Systems
Center / Institute	
* Administrative Organization	SRS
Administer For	
Release For Use by Member	
* Title	testing new compliance items
Nickname	
Project Begin Date	dd-mmm-yyyy
Project End Date	dd-mmm-yyyy
Duration (months)	
* Proposal Type	New
Function	Research

Proposal Status	Submitted To Sponsor	Date	30-Apr-2025	History
Routing Status	Revoked	Date	30-Apr-2025	History
Total Amount				
IDC Amount				
* Administrative Docs Finalized	5 days or more			
* Final Technical Received	5 days or more			
Cost Sharing Designation				
Sub Document Status	N/A			
Indirect Cost	+			
* Rate (%)	52.500			
Base Amount				
Base Type				
Level				
Justification				

# NOTICE - CONTINUED

3. Sponsor Indicator on Proposal and Project General screen to note that training is required based on sponsor setting

## ▲ Sponsor And Program Information

\* Sponsor

Federal / Federal

Training Required ?

Prime Sponsor

Federal / Federal

Training Required ?

Please note that this sponsor requires Security Training specified by the CHIPS and Science Act, 2022

4. Training Completion on Proposal and Project Personnel screen – new columns will show for applicable sponsor / prime sponsor

## ▲ Personnel

► The sponsor mandates Research Security Training for this Proposal. One or more investigators have not yet completed the required training.

Action ▾ View ▾

+

✖

USDA Report

Detach

* Name	Title	* Role	FCOI Investigator ?	Security Training Completed	Courses Completed ?	* Credit(%)	Notes	Member	* Routing Organization
	Professor	PI ▾	✓	✓	2114875	0.00		TAMU	Atmospheric Sciences
Crystal Foy	RIS Senior Project Mana...	Co-PI ▾	✓	✖	None	0.00		TAMU	Research Information Systems
	Professor	Co-PI ▾	✓	✓	2114744, 2114745, 2114746, 2114747	0.00		TAMU	Computer Science
	Professor	Co-PI ▾	✓	✖	2114744	0.00		TAMHSC	Biomedical Sciences
						0.00			

# MAESTRO VALIDATION ON PROPOSAL STATUS

1. When required by the sponsor, and training is incomplete by a PI, Co-PI or Co-I on the personnel screen, Maestro will validate in the following ways:
  - Banner notification on Proposal General screen and Proposal Routing document so it is easy to see that required training is incomplete
  - Proposal Routing will not be affected, proposal can complete the routing process for approvals
  - Proposal status cannot be changed to Submitted to Sponsor until required training is completed by PI, Co-PI & CO-I roles on personnel screen
- If this becomes an annual requirement, additional validations will be defined on the Project side.

## DEMO BUDGET ENTRY



maestro8.58.0

Search

?

Dashboard

Account

Proposal

Project

Work List

Maestro

Current Project List (Arnell Buchanan)

Active Projects

M25016

Active Projects

Maestro Id: M2501655

PI: Arnell Buchanan

End Date: 31-Dec-2027


Title: Innovative, Climate-resilient, and Cost-effective Decentralized Wastewater Treatment Systems and Management in Rural Unincorporated Communities in the Alabama Black Belt

Lead Organization: TAMU - Construction Science

Sponsor: Environmental Protection Agency

Total Award Amount: 14,443,306.00

14



Sponsor Name: Environmental Protection Agency

Sponsor Award Number: 030000024

Lead Organization: TAMU - Construction Science

Performance Period: 01-Jan-2025 - 31-Dec-2027

Phone: 979-999-9985

Email: a\_h...@tamu.edu

Relationship

General

Personnel

Modifications & Documents

Negotiation History

Compliance

Reporting Codes

Deliverables

SPS Report

Budget

Sponsored Budget Summary

Billing Project




Cost Sharing

Indirect Cost

Actions

IDC Distribution

Sponsored Budget Amount By Funding Period

	Period 1 (01-Jan-2025 - 31-Dec-2025)	Period 2 (01-Jan-2026 - 31-Dec-2026)	Period 3 (01-Jan-2027 - 31-Dec-2027)	Total
Salaries & Wages Pool	283,199.00	315,086.00	324,540.00	922,825.00
Benefits Pool	85,017.00	92,834.00	94,189.00	272,040.00
Other Expenses - Pool	4,387,001.00	3,991,910.00	3,972,302.00	12,351,213.00
Travel Pool	72,934.00	72,934.00	72,934.00	218,802.00
Supplies And Materials Pool	63,900.00	22,000.00	3,000.00	88,900.00
Tuition And Scholarships Pool	46,512.00	48,838.00	51,279.00	146,629.00
Capital Outlay - Pool	60,000.00	-	-	60,000.00
Indirect Cost Budget	136,599.00	123,782.00	122,516.00	382,897.00
Total	5,135,162.00	4,667,384.00	4,640,760.00	14,443,306.00

Project (M2501655)



**Title:** Innovative, Climate-resilient, and Cost-  
**Sponsor Name:** Environmental Protection Agency  
**Sponsor Award Number:** 03D25424

**Lead Organization:** TAMU - Construction Science  
**Performance Period:** 01-Jan-2025 - 31-Dec-2027

**PI:** Al [redacted] [redacted]  
**Administrator:** Araon Hernandez-Garcia  
**Phone:** 979 [redacted] 985  
**Email:** a\_hernandez@tamu.edu

- Relationship
- General
- Personnel
- Modifications & Documents
- Negotiation History
- Compliance
- Reporting Codes
- Deliverables
- SPS Report
- Budget

Sponsored Budget Summary **Billing Project** Cost Sharing Indirect Cost Actions IDC Distribution

Audit Trail

FAMIS Billing Project

Action ▾ View ▾ FAMIS Status Detach

Member	Billing Project	Sponsor Name	Sponsor Award Number	Status	Amount	Budget Start Date	Budget End Date	Budget Up To Date	Expenses Up To Date	% Money Spent	% Time Spent	Average Expenditures of Prior 3 Months
02	4010470000	Environmental Protection Agency	03D25424	Active	14,443,306.00	01-Jan-2025	31-Dec-2027	14,443,306.00	34,579.15	0.24	6.98	4,520.32
Total					14,443,306.0			14,443,306.0	34,579.15			

## BUDGET FORECASTING





# BUDGET FORECASTING PI FOCUS GROUP

- Need PI focus group volunteers to
  - a. Define the problem
  - b. Brainstorm solutions
  - c. Discuss the solution ideas and usability
- Plan implementation strategy
- **Contact:** [maestro@tamu.edu](mailto:maestro@tamu.edu) if you know anyone who would like to participate or you think would add value





Manage Portfolio


- Build a new account portfolio that would group several accounts based on function or an award



maestro 8.0.x					
Search ? Dashboard Account Proposal Project Worklist Forecast m Tye Rougas Select PI (PI user) 02/08/21 11:32 AM Feedback					
Dashboard Manage Portfolio Portfolio Details Forecast Detail					
Name: My Research Portfolio Description					
Accounts Projects					
Add	Project Number	Dept	Sponsor	Title	Total Balance (Real Time)
<input checked="" type="checkbox"/>	M2100867	AERO	University of Arizona	Quantum-Enhanced	\$51,654.31
<input checked="" type="checkbox"/>	518210-00000				\$0.00
<input checked="" type="checkbox"/>	518210-00001				\$51,654.31
<input checked="" type="checkbox"/>	M2100669	AERO	University of Arizona	NSF Convergence Accelerator-	\$32,705.09
<input checked="" type="checkbox"/>	518020-00000				\$0.00
<input checked="" type="checkbox"/>	518020-00001				\$24,914.76
<input checked="" type="checkbox"/>	518020-00002				\$7,790.33
<input type="checkbox"/>	M2003216	AERO	National Science	LIGO Research Support: Compact	\$188,432.57
<input type="checkbox"/>	517100-00000				\$0.00
<input checked="" type="checkbox"/>	517100-00001				\$12,635.52
<input checked="" type="checkbox"/>	517100-00002				\$79,593.05
<input checked="" type="checkbox"/>	517100-00003				\$96,204.00
<input type="checkbox"/>	M2100403	AERO	NASA-Goddard Space	Compact optomechanical	\$150,000.00
<input type="checkbox"/>	517800-00000				\$0.00
<input checked="" type="checkbox"/>	517800-00001				\$111,711.61
<input type="checkbox"/>	M2100287	AERO	NASA - Jet Propulsion	Texas Intelligent Space Systems	\$74,142.12
	517100-00000				0
	517100-00001				6537.75
	517100-00002				13813.04
<input type="checkbox"/>	517100-00003				\$53,791.33







# FORECASTING- SOLUTION IDEAS


## Portfolio Details


- Add account sponsored budget entered by SRS to forecasting portal





 Search
 

 Dashboard
  Account
  Proposal
  Project
  Worklist
  Forecast


 Maestro
 

 Tye Rougas

 Select PI (Pi User)
  Feedback

02/08/21 01:35 PM

Dashboard
Manage Portfolio
**Portfolio Details**
Forecast Detail



Portfolio Details

Portfolio Name:

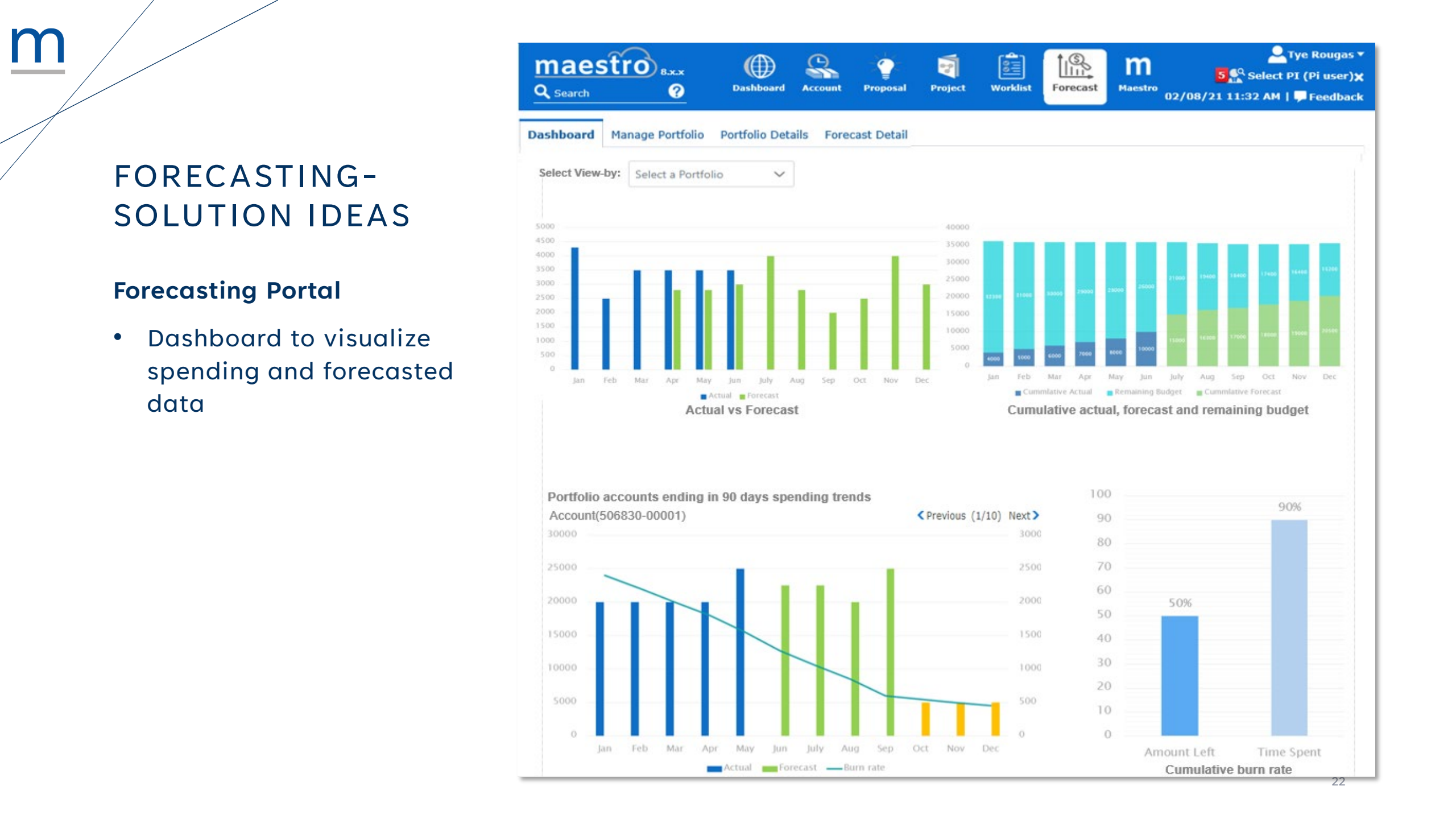
My Researcher Accounts

Account	Project Id	Sponsor	Title	Member	Financial Budget	Sponsored Budget	Notes
517800-00001	M2100867	University of Arizona	Quantum-Enhanced Optomechanical Accelerometers	TEES	\$53,000.00	\$55,000.00	
517700-00002	M2100669	University of Arizona	NSF Convergence Accelerator-Track C: Quantum-interconnected optomechanical transducers for	TEES	\$120,000.00	\$122,000.00	Need to spend fast, This project also has a split for Dr. Lin in ELEN.
517700-00001	M2003216	National Science Foundation	LIGO Research Support: Compact optomechanical seismic sensors	TEES	\$230,929.00	\$550,000.00	
517100-00003	M2100403	NASA-Goddard Space Flight Center	Compact optomechanical accelerometers for future geodesy	TEES	\$150,000.00	\$250,000.00	
517100-00002	M2100336	Department of Defense	Optomechanical Gravimeters and Gradiometers	TEES	\$373,202.00	\$450,000.00	
517100-00001	M2100287	NASA - Jet Propulsion Lab	Texas Intelligent Space Systems (TISS) Initiative	TEES	\$200,000.00	\$400,000.00	Need to spend fast
292113-20000	M2100139	DOD-Navy-Naval Surface Warfare Center	Novel position, navigation, and timing and adaptive flight controls	TEES	\$500,000.00	\$600,000.00	



- Add new projections based on existing sponsored budget

<b>Salaries &amp; Wages Pool</b>														
Category Lumpsum: 203,208.00														
Sponsored Salary Total: 203,208.00														
Note: Entered salary total exclude Fringe. Fringe amounts will be updated under Benefits category amounts														
Action ▾ View ▾	+ ×						Detach							
Name ▲ ▼	Role	Funding Periods												Sponsored Salary Total
		Seq #2 (01-Mar-2026 - 28-Feb-2027)			Seq #3 (01-Mar-2027 - 29-Feb-2028)			Seq #4 (01-Mar-2028 - 28-Feb-2029)			Seq #5 (01-Mar-2029 - 28-Feb-2030)			
		Sponsored Salary	Sponsored Fring	Person Months	Sponsored Salary	Sponsored Fring	Person Months	Sponsored Salary	Sponsored Fring	Person Months	Sponsored Salary	Sponsored Fring	Person Months	
To Be Determined	Graduate Student	33,990.00	7,033.00	6.00	35,010.00	7,142.00	6.00							69,000.00
To Be Determined	Graduate Student				5,835.00	1,190.00	1.00	36,060.00	7,254.00	6.00	37,142.00	7,370.00	6.00	79,037.00
To Be Determined	Other Personnel	1,483.00	159.00	0.70	1,528.00	163.00	0.70	1,574.00	168.00	0.70	1,621.00	173.00	0.70	6,206.00
Yue	PI	11,704.00	3,316.00	1.00	12,055.00	3,382.00	1.00	12,417.00	3,451.00	1.00	12,789.00	3,521.00	1.00	48,965.00
	Total	47,177.00	10,508.00	7.70	54,428.00	11,877.00	8.70	50,051.00	10,873.00	7.70	51,552.00	11,064.00	7.70	203,208.00



## AVAILABLE KEYWORD ACTIONS AND SEARCHES - DEMO





# View and create Keyword Groups

maestro8.58.1

Search

03/17/25

My Settings

Maestro Portal

SSO

About Maestro (8.58.1)

Logout

Dashboard

Account

Proposal

Project

Disclosure

Work List

Maestro

Personal Settings

Notification Settings

User Roles

My Downloads

Area Of Interests

Keyword Group

My Reports

Keyword Group

Search

Match ☒ All ☐ Any

Group Name

Contains

Type

Equals

Person Name

Equals

Keyword

Equals

Basic

Saved Search

Key

Search

Reset

Save...

Add Fields

Reorder

Action

View

Format




+

×

Detach

Wrap

* Group Name	* Type	Keywords	Action
Semiconductor	Private	- Semiconducting - Semiconducting Metal Oxide Sensors - Semiconductivity - Semiconductor -	<div>...</div> <div>Modify Keywords</div>
Advanced Materi	Private	- Material Analyses - Material Behavior - Material Design - Material Softening - Material Strength -	<div>...</div> <div>Modify Keywords</div>
Hypersonics	Private	- Hypersonic Flight - Hypersonic Flows - Hypersonic Vehicles - Hypersonics	<div>...</div> <div>Modify Keywords</div>
DEI	Public	- DEI - Diversity - Equitable - Equity - Hispanic - Inclusion - Inclusive - Inclusivity - Latinix - Minority	<div>...</div> <div>Modify Keywords</div>
Health and Well...	Public	- Air Pollution - Clinical Diagnosis - Clinical Trial - Diagnostics - Disasters - Drug Therapy - Epidemic	<div>...</div> <div>Modify Keywords</div>
Water	Public	- Contamination - Desalination - Floods/Flooding - Hydrogeology - Water - Wastewater - Hydrobiology -	<div>...</div> <div>Modify Keywords</div>

* Group Name	Keywords	* Type ▲▼	Action
Animal	- Animal - Animal Agriculture - Animal Amp - Animal Behavior - Animal Behavior/Ethology - ...	Private	 <b>Modify Keywords</b>
DEI	- DEI - Diversity - Equitable - Equity - Hispanic - Inclusion - Inclusive - Inclusivity - Latinix - Minority //	Public	 <b>Modify Keywords</b>
Health and Wellne...	- Air Pollution - Clinical Diagnosis - Clinical Trial - Diagnostics - Disasters - Drug Therapy - Epidemic //	Public	 <b>Modify Keywords</b>

### Modify Keywords

Group Name: Advanced Materials

**Available Keywords**



Keyword ▲▼

Diversity Equity Inclusion  
2D Active Contours  
2D Materials  
3D Active Contours  
3D Fabrication  
3D Graphics  
3D Materials  
3D Microreplications  
3D Modeling  
3D Nanostructures  
3D Printing  
3D Region Guarding  
A/b Toxins  
A/ci Curves  
A/d Conversion

**Selected Keywords**

Keyword ▲▼

Material Analyses  
Material Behavior  
Material Design  
Material Softening  
Material Strength  
Materials Processing

OK



**Proposal Routing Action**

**ATTN. INVESTIGATORS:**

**By clicking Approve button, you certify, to the best of your knowledge and belief, that ...**

- a) You are not delinquent on any Federal debt, such as student loans, etc. (this does not include income taxes): (applies to fellowships, sch
- b) You are not currently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from current transaction
- c) You agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if an award is made
- d) You understand that any false, fictitious, or fraudulent statements or claims may subject you to criminal, civil, or administrative penalties
- e) You agree to comply with TAMUS Regulation #15.01.03, Financial Conflicts of Interest in Sponsored Research, and you understand your training.
- f) You agree to comply with the TAMUS Policy on Ethics in Research and Scholarship, TAMUS #15.99.03.
- g) You agree to comply with the TAMUS regulations on Intellectual Property Management and Commercialization, TAMUS #17.01 .
- h) You certify that the information submitted within the application is true, complete and accurate to the best of your knowledge.
- i) I agree to disclose any nepotism issues and agree to follow TAMUS policy #07.05 Nepotism.
- j) You have reviewed applicable subawardee documents, if any, including the subawardee's statement of work and budget and both appear

**ATTN. DEPT. HEADS, DIRECTORS, DEANS:**

By clicking Approve button, you certify that you have received this proposal and all accompanying documents, you are aware of all requirements


**Notes or Reason For Rejection**

To find this proposal more easily, confirm Keywords to categorize it with similar proposals.

 Approve

 Reject

Project (M2501640)



Title: FY25 TPT - RECOVERY OF RARE EARTH ELEMEN

Sponsor Name: Institutional Sources

Sponsor Award Number: 02-292

PI:

Lead Organization: TAMU - Mechanical E

Performance Period: 15-Jan-2025 - 15-Jan-

Relationship

General

Personnel

Modifications & Documents

Negotiation History

Compliance

General Info

Integrity Check

Terms & Conditions

Summary

Closeout

Sponsor

Notes

Abstract & Keywords

FCOI Status

You can now confirm Research Related Keywords for this project.

Abstract

Abstract Documents

Research Related Keywords

\* These keywords are generated using the project data. Please use the shuttle buttons to confirm the final associated keywords.

\* Note: If there are keywords present in the confirmed column, the suggested column keywords are unused. See help button for details.

Keyword Suggestions

Suggested Keyword

Diversity Equity Inclusion

Absorption

Abstracts

Academic Journals

Accessibility

Acidic

Acids

Keyword Confirmation

Confirmed Keyword

Adsorbents

Advanced Manufacturing

Advanced Materials

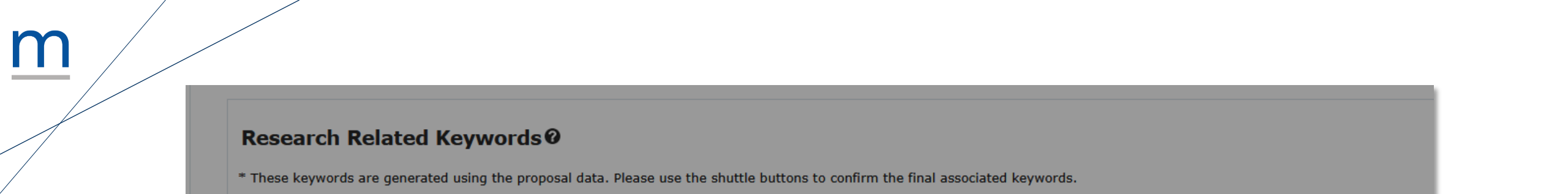
Rare Earth Elements

+ Add

>

<

27



# Research Related Keywords?

\* These keywords are generated using the proposal data. Please use the shuttle buttons to confirm the final associated keywords.  
\* Note: If there are keywords present in the confirmed column, the suggested column keywords are unused. See help button for details.

Keyword Suggestions

Suggested Keyword

Analysis

Keyword Confirmation

+ Add

Confirmed Keyword

Materials

>

<

>>

<<

Add New Keyword

Addable Keyword Search

Keyword Starts with

Search Reset Add Fields Reorder

Keyword

Diversity Equity Inclusion

2D Active Contours

2D Materials

3D Active Contours

3D Fabrication

3D Graphics

3D Materials

3D Microreplications

3D Modeling

3D Nanostructures









OK Cancel












# Available Keyword Searches

**Researcher Links**

-  Monthly Statement
-  Favorite Accounts
-  Payroll Allocations
-  Person Payroll
-  Researcher Performance
-  Notification History
-  Quick Reference
-  FAQ

**Search**

-  Award Keyword Search
-  Award
-  Federal Funding Opportunity
-  Inventory
-  Collaborator Search
-  My Federal Opportunities
-  My Reports



## Award Keyword Search ?

Maestro Id
Lead Member
Lead Org Name
Sponsor
Project Status

PI

Search By

Keyword(s)
Group

Or select a group of keywords

Keyword Group

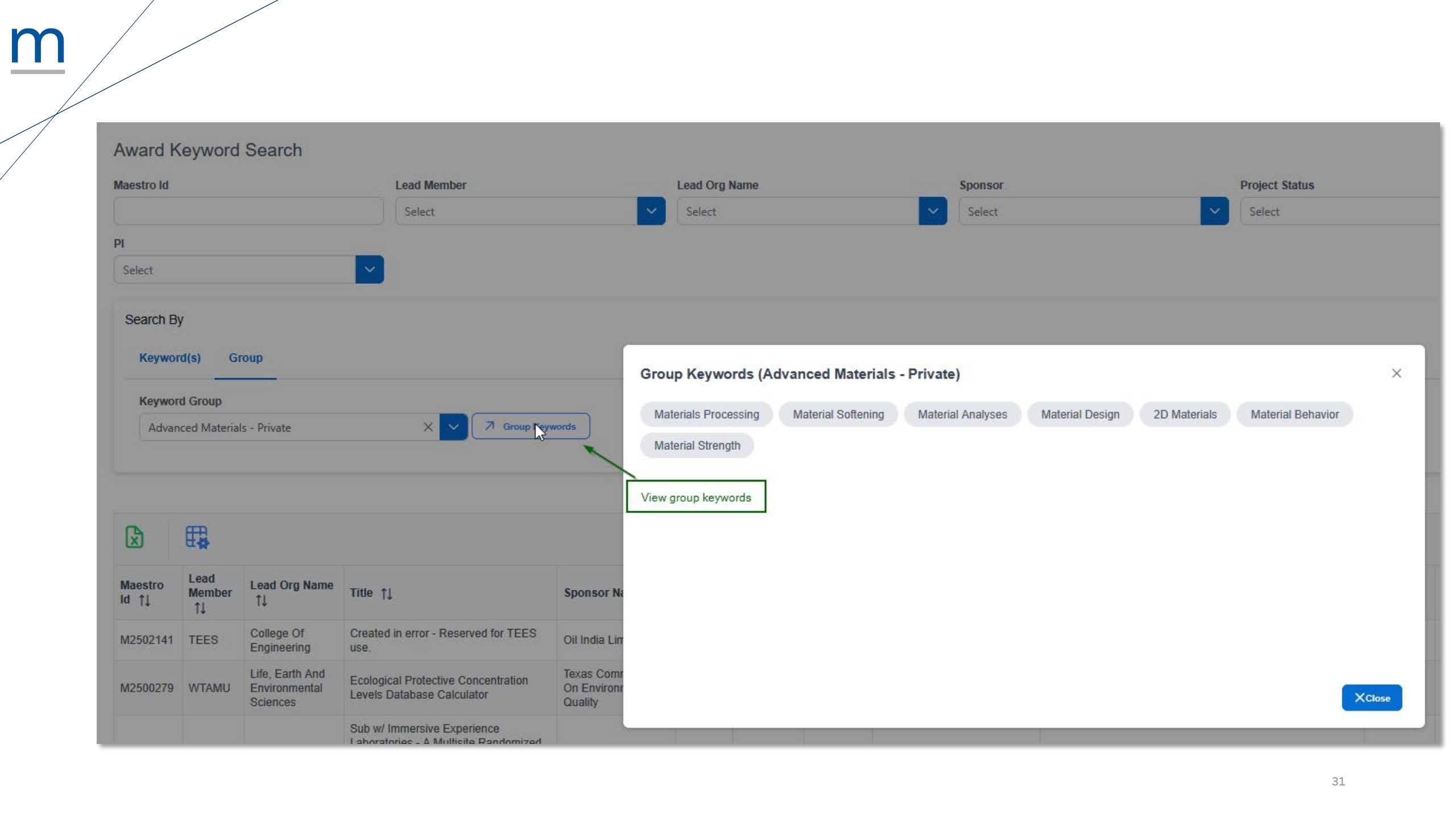
Select
Group Keywords

Advanced Materials - Private
Semiconductor - Private
Applied Life Sciences and Non-Medical Biotechnology - Public
Applied Mathematics - Public
Applied Physics - Public
Applied and Industrial Chemistry - Public

Can view your groups only and all public keyword groups

Maestro Id	Sponsor Name	Project Status	PI	UIN	Email Address	Other Personnel	Project Start Date	Project End Date	Keyword(s)	Total Amount Awarded
M2500279	Oil India Limited	Active	Akhil Dattagupta	402002635	datta-gupta@tamu.edu		29-Jan-2025	31-Oct-2025	3D Modeling	
M2500279	Texas Commission On Environmental Quality	Active	William Rogers	702002613	jrogers@mail.wtamu.edu		01-Sep-2024	31-Aug-2025	3D Modeling	
M2404957	U.S. Army Medical Research Acquisition Activity	Active	Zina Trost	434007215	zina.trost@tamu.edu		01-Dec-2023	30-Nov-2025	3D Graphics	
	National Science Foundation		Xiaoyang				01	31		

Search
Reset
Add Fields



## Award Keyword Search

Maestro Id

Lead Member

Select

Lead Org Name

Select

Sponsor

Select

Project Status

Select

PI

Select

Search By

Keyword(s)

Group

Keyword Group

Advanced Materials - Private

Group Keywords

### Group Keywords (Advanced Materials - Private)

Materials Processing

Material Softening

Material Analyses

Material Design

2D Materials

Material Behavior

Material Strength

View group keywords

Close



Maestro Id ↑↓

Lead Member ↑↓

Lead Org Name ↑↓

Title ↑↓

Sponsor Name

M2502141

TEES

College Of Engineering

Created in error - Reserved for TEES use.

Oil India Ltd

M2500279

WTAMU

Life, Earth And Environmental Sciences

Ecological Protective Concentration Levels Database Calculator

Texas Commission on Environmental Quality

Sub w/ Immersive Experience Laboratories - A Multisite Randomized



## Award Keyword Search



Maestro Id

Lead Member

Lead Org Name

Sponsor

Project Status

PI

### Search By

Keyword(s) Group

#### Keyword Group

Advanced Materials - Private



Group Keywords

Search

Reset

Add Fields

Maestro Id ↑↓	Lead Member ↑↓	Lead Org Name ↑↓	Title ↑↓	Sponsor Name ↑↓	Project Status ↑↓	PI ↑↓	UIN ↑↓	Email Address ↑↓	Other Personnel ↑↓	Project Start Date ↑↓	Project End Date ↑↓	Keyword(s) ↑↓	Total Amount Awarded ↑↓
M2501661	TEES	Materials Science And Engineering	Batch-wise Improvement in Reduced Design Space using a Holistic Optimization Technique for FUSion Environments (BIRDSHOT-FUSE)	DOE- Advanced Research Projects Agency-Energy-ARPA-E	Active	Raymundo Arroyave	417002676	raymundo.arroyave@tamu.edu	George Pharr, Ibrahim Karaman, Kelvin Xie, Lin Shao	12-Dec-2024	11-Dec-2027	Material Design	1,470,000.00
M2501635	TAMU	Materials Science And Engineering	FY25 TPT - Plasticity in 2D Metal Halide Perovskites for Mechanically Resilient Semiconductor Applications: Deformation Mechanisms and Structure-Property Relationship	Institutional Sources	Active	Qing Tu	130005859	qing.tu@tamu.edu		15-Jan-2025	15-Jan-2026	2D Materials	
M2501605	TEES	Computer Science And Engineering	Anonymous Real-Time Speech (ARTS)	Honeywell		Ricardo Gutierrez-Osuna	601004362	rgutier@tamu.edu		27-Jan-2025	25-Jan-2027	Materials Processing	
M2501528	TEES	College Of Engineering	CRADA - Cooperative Research and Development Agreement in Support of NSF's AFRL INTERN DCL Optical and Electrical 2D Materials and Nanocomposites	DOD-Air Force-Research Laboratory		Jodie Lutkenhaus	105009915	jodie.lutkenhaus@tamu.edu		10-Dec-2024		2D Materials	
M2501361	TEES	Electrical And Computer Engineering	Energy-Efficient, Scalable, and Self-Learning AI Hardware with 3D Electronic-Photonic-Integrated-Circuits	University of California - Davis	Active	Samuel Palermo	202003299	spalermo@tamu.edu		13-Sep-2024	12-Sep-2028	Material Design	800,000.00

## Award Keyword Search

Maestro Id 
 Lead Member 
 Lead Org Name 
 Sponsor 
 Project Status

PI

Search By

Keyword(s) Group

Keyword Group

Advanced Materials - Private

Group Keywords

Can add several filters to the search

- DOE - National Renewable Energy Laboratory - Federal
- DOE - Office of Electricity - Federal
- DOE - Office of Fossil Energy - Federal
- DOE - Office of Nuclear Energy - Federal
- DOE- Advanced Research Projects Agency-Energy-ARPA-E - Federal
- DOE-Albuquerque - Federal

Search Reset Add Fields

Maestro Id ↑↓	Lead Member ↑↓	Lead Org Name ↑↓	Title ↑↓	Sponsor Name ↑↓	Project Status ↑↓	PI ↑↓	UIN ↑↓	Email Address ↑↓	Other Personnel ↑↓	Project Start Date ↑↓	Project End Date ↑↓	Keyword(s) ↑↓	Total Amount Awarded ↑↓
M2501661	TEES	Materials Science And Engineering	Batch-wise Improvement in Reduced Design Space using a Holistic Optimization Technique for FUSion Environments (BIRDSHOT-FUSE)	DOE- Advanced Research Projects Agency-Energy-ARPA-E	Active	Raymundo Arroyave	417002676	raymundo.arroyave@tamu.edu	George Pharr, Ibrahim Karaman, Kelvin Xie, Lin Shao	12-Dec-2024	11-Dec-2027	Material Design	1,470,000.00
M2501127	TEES	Materials Science And Engineering	Tailored Refractory Metal Alloys for Additive Manufacturing	Solvus Global	Active	Raymundo Arroyave	417002676	raymundo.arroyave@tamu.edu	Ibrahim Karaman	16-Dec-2024	15-Aug-2025	Materials Processing	76,328.00
M2500474	TAMSS	Materials Science And Engineering	Development and Deployment of a Fully Autonomous in Silico Processing and Materials Discovery Platform	Triad National Security, LLC	Active	Raymundo Arroyave	417002676	raymundo.arroyave@tamu.edu	Douglas Allaire	01-Nov-2024	25-Sep-2026	Material Design	0.00



## Award Keyword Search

Maestro Id

Lead Member

Select

Lead Org Name

Select

Sponsor

Select

Project Status

Select

X

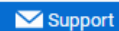
PI

Select

### Search By

Keyword(s) Group

Keywords



Version: 8.58.0

March 17, 2025 10:11 AM C

## Help

### Search Fields

- Use these fields to filter and find keywords in the dataset. You can search by keywords, groups, or other predefined fields.

### Search by Keywords

- Enter one or more keywords to search the dataset. You can select up to 20 keywords from the Maestro keyword list.
- You can remove keywords by clicking the X next to them. You can also combine keywords with other filters for more specific results.

### Search by Groups

- Select one group to search the dataset. You can explore Maestro's predefined groups or your custom groups.
- You can also combine groups with other filters for more specific results.
- Note: Some groups may have a large set of keywords that can impact search results.

### Add Fields

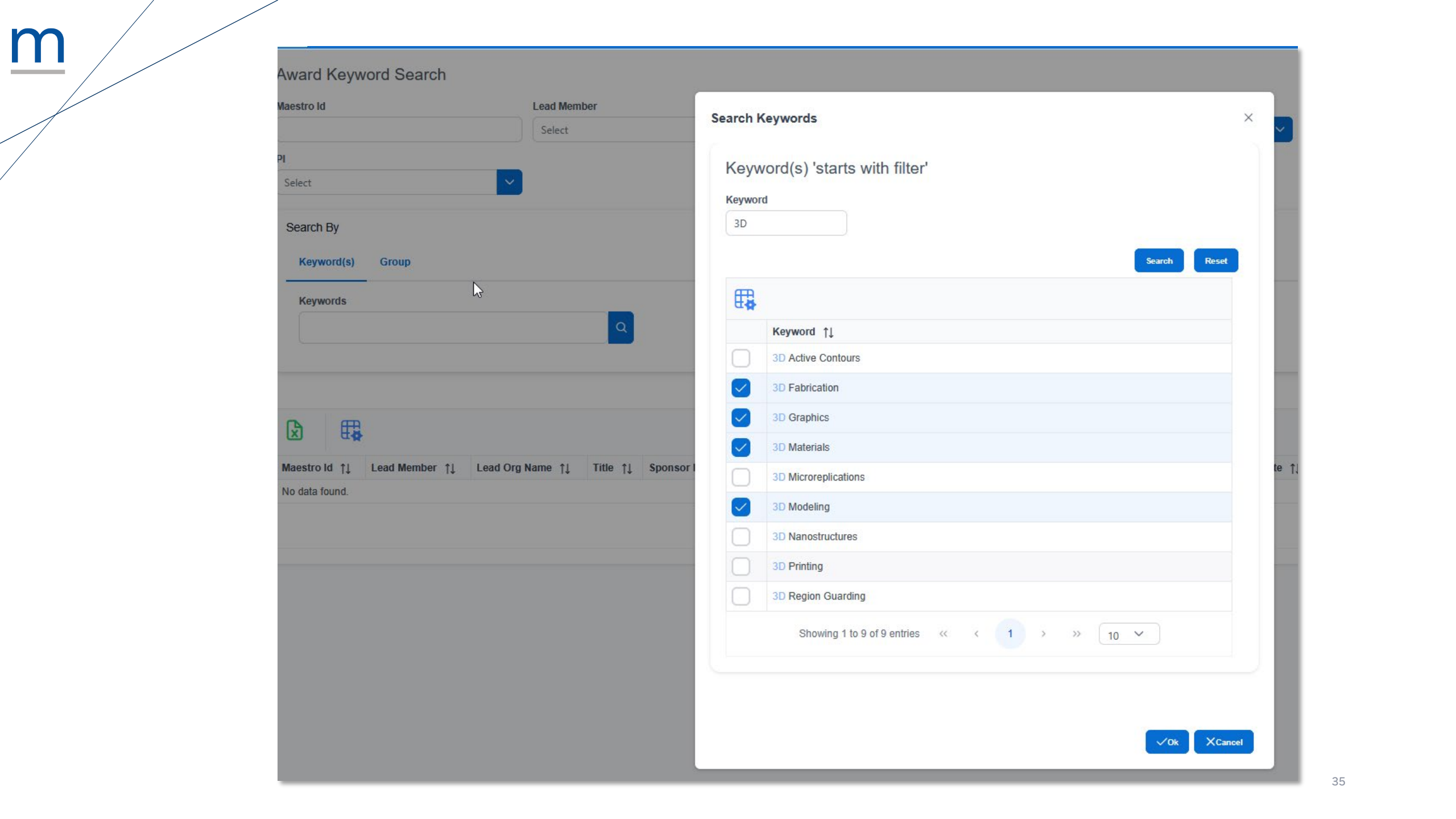
- If it is present on the page, you can use the "Add Fields" button to add more fields to your search.
- You can choose to add the 'UIN' field.
- You can remove the field by clicking the field name again to remove it from the filter list.

### Keyword Data Sources

searchable award fields

- On Awards (Nickname, Title, Short Title, Abstract, Account Name, Reporting Code Activity, NSF Science and Engineering Field, NSF Category, THECB Selection Process, THECB Character of Work, and THECB Special Areas of Interest) are used to identify keywords.
- Document types used to generate suggested keywords are (Abstract, Contract, Proposal, Proposal RFP, and Scope of Work).
- Search sources are customizable upon request.





## Award Keyword Search

Maestro Id

Lead Member

Select

PI

Search By

Keyword(s)

Group

Keywords



Maestro Id ↑↓

Lead Member ↑↓

Lead Org Name ↑↓

Title ↑↓

Sponsor ↑↓

No data found.

### Search Keywords



Keyword(s) 'starts with filter'

Keyword

Search

Reset



Keyword ↑↓

☐ 3D Active Contours

☒ 3D Fabrication

☒ 3D Graphics

☒ 3D Materials

☐ 3D Microreplications

☒ 3D Modeling

☐ 3D Nanostructures

☐ 3D Printing

☐ 3D Region Guarding

Showing 1 to 9 of 9 entries



1



10



✓Ok

✗Cancel



## Award Keyword Search



Maestro Id

Lead Member

Select



Lead Org Name

Select



Sponsor

Select



Project Status

Select



PI

Select



Search By

Keyword(s)

Group

Keywords

3D Materials



3D Fabrication



3D Graphics



3D Modeling



Search

Reset

Add Fields



Maestro Id ↑↓	Lead Member ↑↓	Lead Org Name ↑↓	Title ↑↓	Sponsor Name ↑↓	Project Status ↑↓	PI ↑↓	UIN ↑↓	Email Address ↑↓	Other Personnel ↑↓	Project Start Date ↑↓	Project End Date ↑↓	Keyword(s) ↑↓	Total Amount Awarded ↑↓
M2502141	TEES	College Of Engineering	Created in error - Reserved for TEES use.	Oil India Limited		Akhil Dattagupta	402002635	datta-gupta@tamu.edu		29-Jan-2025	31-Oct-2025	3D Modeling	
M2500279	WTAMU	Life, Earth And Environmental Sciences	Ecological Protective Concentration Levels Database Calculator	Texas Commission On Environmental Quality	Active	William Rogers	702002613	jrogers@mail.wtamu.edu		01-Sep-2024	31-Aug-2025	3D Modeling	
M2404957	TAMU	Psychology	Sub w/ Immersive Experience Laboratories - A Multisite Randomized Clinical Trial to Examine the Efficacy and Mechanisms of Immersive Virtual Walking Treatment for Neuropathic Pain in Spinal Cord Injury	U.S. Army Medical Research Acquisition Activity	Active	Zina Trost	434007215	zina.trost@tamu.edu		01-Dec-2023	30-Nov-2025	3D Graphics	
			Sub w/ UTSA: Excellence in Research										

## Collaborator Search

Search by Keyword(s)

Search by Name

Keywords

Oil

1 - Select a keyword from list of keywords

2 - Perform search

Search

Reset

First Name ↑↓	Last Name ↑↓	Contact Email ↑↓	Organization Name ↑↓	Member ↑↓	Proposals Submitted ↑↓	Active Awards ↑↓	Exists In PI Profile ↑↓	Keywords ↑↓
Faisal	Khan	fikhan@tamu.edu	College Of Engineering - Admin - Dean	TAMU	0	15	No	Oil
James	Gibeaut	james.gibeaut@tamucc.edu	Harte Research Center	TAMUCC	3	7	No	Oil
Duane	McVay	mcvay@tamu.edu	Petroleum Engineering	TAMU	0	7	No	Oil
Jennifer	Pollack	jennifer.pollack@tamucc.edu	Harte Research Center	TAMUCC	0	6	No	Oil
Steven	DiMarco	sdimarco@tamu.edu	Oceanography	TAMU	7	6	No	Oil
John	Cason	j-cason@tamu.edu	Stephenville	AL-RSRCH	1	6	No	Oil
Konstantinos	Kakosimos	k.kakosimos@qatar.tamu.edu	Qatar Executive Management	TAMU	1	5	No	Oil
Moohyun	Kim	m-kim3@tamu.edu	Ocean Engineering	TAMU	1	5	No	Oil
Akhil	Dattagupta	datta-gupta@tamu.edu	Petroleum Engineering	TAMU	1	5	No	Oil
Scott	Socolofsky	socolofs@tamu.edu	Civil Engineering	TAMU	27	5	No	Oil

Showing 1 to 10 of 525 entries &lt;&lt; &lt; 1 2 3 4 5 &gt; &gt;&gt; 10 ▾



Search Keywords

Keyword(s) 'starts with filter'

Keyword

Oil

Search

Reset

Keyword  $\updownarrow$

<input checked="" type="checkbox"/>	Oil
<input type="checkbox"/>	Oil Absorption
<input type="checkbox"/>	Oil Accumulation
<input type="checkbox"/>	Oil Based Mud
<input type="checkbox"/>	Oil Body
<input type="checkbox"/>	Oil Change Intervals
<input type="checkbox"/>	Oil Concentration
<input type="checkbox"/>	Oil Contamination
<input type="checkbox"/>	Oil Content
<input type="checkbox"/>	Oil Control

Showing 1 to 10 of 103 entries

<<

<

1

2

3

4

5

>

>>

10

$\vee$

$\checkmark$ Ok

$\times$ Cancel

38

Collaborator Profile

← Back

**Name** Steven DiMarco

**Member** TAMU

**Email Address** sdimarco@tamu.edu

**Organization** Geochemical & Environmental Research Gro

**Work Phone** (979) 862-4168

Area of Interest Keywords

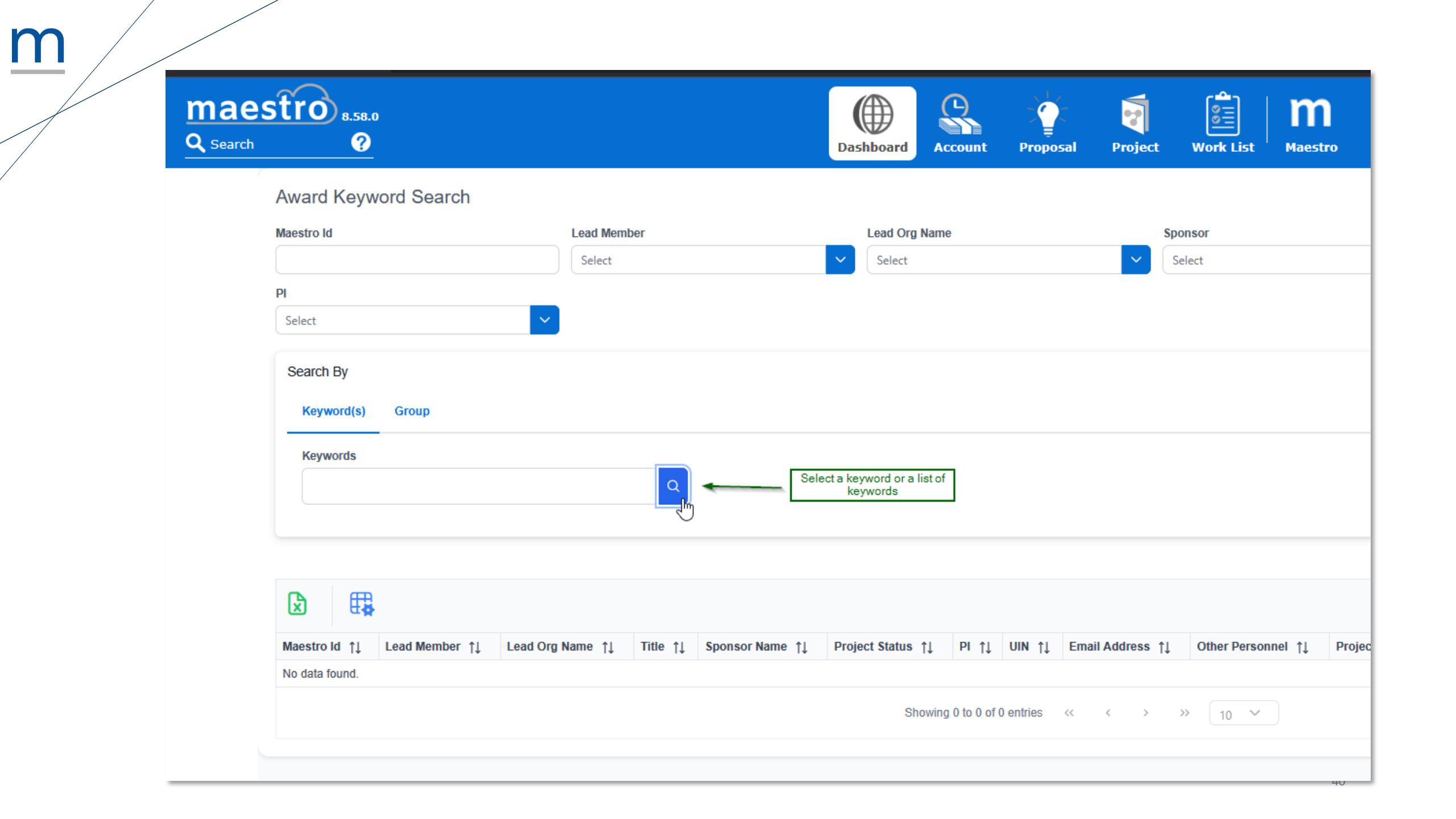

Keyword ↑↓
Gulf of Mexico
Tidal Heights
Tidal Currents
Nonlinear Surface Wave Interaction
Mixed-Layer Dynamics
Large-Scale Ocean Transport
Regional Climate Prediction
Dynamical/Statistical Models
Continental Shelf Oceanography
Oceanographic Database Management

Active Research Projects



Title ↑↓	Sponsor ↑↓	End Date ↑↓
UNOLS: Management of Marine Technical Support	National Science Foundation	30-Jun-2027
Gulf Consortium for Offshore Risk Reduction Engaging Stakeholders (GulfCORES)	National Academy of Sciences, Engineering, and Medicine	28-Feb-2027
Coupled Ocean Modeling Testbed (COMT) Platform for Physics and Contaminant Exchange through the River - Estuary -Ocean Continuum	Louisiana State University	31-Aug-2025





## Award Keyword Search

Maestro Id

Lead Member

Select



Lead Org Name

Select



Sponsor

Select

PI

Select



### Search By

Keyword(s)

Group

Keywords



Select a keyword or a list of keywords



Maestro Id ↑↓

Lead Member ↑↓

Lead Org Name ↑↓

Title ↑↓

Sponsor Name ↑↓

Project Status ↑↓

PI ↑↓

UIN ↑↓

Email Address ↑↓

Other Personnel ↑↓

Project

No data found.

Showing 0 to 0 of 0 entries



10

