



MSI STEM  
Research & Development  

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C O N S O R T I U M

Engage diverse talent. Promote innovation. Engineer futures.

# MSRDC and Mount Sinai Collaboration

## Presented by Alan Arnold, Ph.D.

Director of Research and Development

# Agenda

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- Now that you are member
- How To Own MSRDC's Funding Vehicle
- The MSRDC Funding Process
- Collaborative Partnerships
- MSRDC's Evaluation Process
- Next Steps



# Now that you are a member

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## Funding Vehicle

- Not subject to Federal Acquisition Regulations (FAR)
- Bypass the competitive process
- Direct, non-competed awards
- Eligible for use at any federal agency
- No membership dues

## Broad Scope Research

- Basic Science
- Applied Science
- Advanced Technology Development


## Community of Innovation

- 65+ institutional members
- 10+ collaborative partners
- 15+ private industry partners
- 20+ federal partners
- Dedicated Solution Teams
- Knowledge-Sharing Ecosystem

# Submission of Capabilities

<https://www.msrdconsortium.org/funding>

Info@MSRDConsortium.org | (202) 684-7953

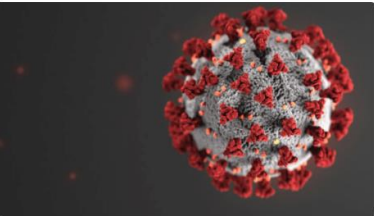
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CONSORTIUM

HomeWhat We Do ▾Funding ▾Membership ▾About MSRDC ▾

Open Funding Opportunities

MSRDC continues to work on behalf of our members to build new relationships, and ultimately contracts, with new potential federal agencies. We do this by creating relationships with key representatives of federal agencies and emphasizing the value and caliber of work our member institutions possess.

Check the Status of a Previous SubmissionStay Updated About These OpportunitiesHave another research idea? Contact us.



Call for Capabilities: COVID-19

Status: Accepting Submissions

COVID-19 presents the nation with a challenge and an opportunity for innovative research solutions. We're in this together, let's solve this together. MSRDC is creating solutions and we want you to join the team.

Submit Your Capabilities

Funding Opportunities in Progress

By submitting your capabilities, you can work with us to secure funding and forge deeper relationships with our government partners. Our unique funding vehicle allows researchers to work directly with federal program managers to develop innovative solutions to complex problems.

Submit Your CapabilitiesCheck the Status of a Previous SubmissionStay Updated About These Opportunities

Office of Policy Development and Research  
Department of Housing and Urban Development

OPDR serves as a research, survey, study, and analysis support system for HUD and facilitates the formation of partnerships between universities and communities so they can jointly address urban problems.

- American Housing Survey and Choice Neighborhoods Evaluation
- Evaluation of Programs Serving Homeless Youth
- Accelerating Housing Recovery After a Severe Disaster

Office of Science and Engineering Laboratories  
Food and Drug Administration

OSEL is dedicated to promoting innovation for the development of new life saving medical devices.

- Applied Mechanics
- Biomedical Physics
- Biology Chemistry and Materials Science
- Imaging Diagnostics and Software Reliability

# Member Advantages

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## **An Innovative Funding Vehicle**

MSRDC's Cooperative Agreement (CA) gives our members a tool to create their own funding opportunities with any federal agency partner.

[Keep Reading](#)

## **Dedicated Business Development Team**

Members can get their research projects underway knowing that MSRDC's TIGER Team is ready and able to mentor and guide them through the process.

[Keep Reading](#)

## **Unique Access to Federal Program Managers**

Our members enjoy unique access to federal agencies and Program Managers. We provide connections, tools and expertise to move ideas from concept to prototype.

[Keep Reading](#)

## **Exclusive Training Opportunities**

Our comprehensive training webinars walk you through the process of identifying, soliciting and winning federal awards and contracts.

[Keep Reading](#)

## **Innovative and Collaborative Communities**

Our communities of innovation, called Innovation Engines, encourage organic, interdisciplinary collaboration between research partners and businesses.

[Keep Reading](#)

## **Laser-Focused Solution Teams**

Solution Teams are our cohorts of talented, results-driven teams are laser-focused on providing world-class solutions to technical, complex issues.

[Keep Reading](#)

# Achievements To-Date

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These metrics reflect MSRDC's impact upon its members since 2016.

**\$16M**

Research Dollars

**\$1.5M**

Equipment Funding

**\$3M**

Researcher Support

**\$843K**

Student Support

**\$2.2M**

Partner Support

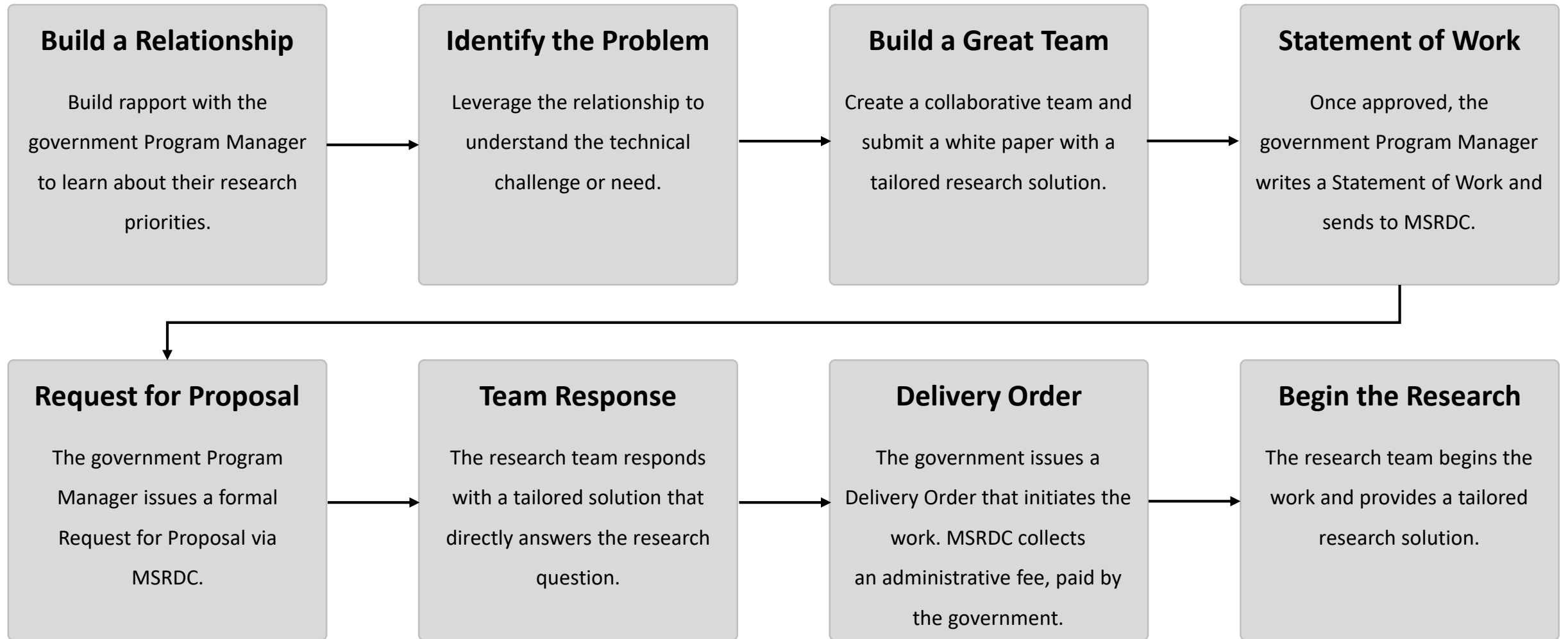
**\$183K**

Travel Support

We are a **rapidly emerging ecosystem** driven by diverse talent at minority-serving institutions. Our members create new and innovative solutions to complex problems.

We are the **first and only consortium of its kind** that significantly increases direct, non-competed awards and the involvement of minority-serving institutions in government research.

# The MSRDC Funding Process



# How To Own MSRDC's Funding Vehicle

Step 1

## Relationship Building

- Build strong relationship with government Program Manager
- Understand the technical need
- Align research capabilities and assets

Step 2

## Partnering with MSRDC

- Join collaborative research community
- Gain access to unique funding vehicle

Step 3

## Rapid Results

- Receipt of non-competed awards
- Streamlined award process
- In as few as 90 days

## Example of Member Success

### Performance Metrics

|  |           |
|--|-----------|
| Time to leverage membership                        | 15 months |
| Proposal success rate                              | 100%      |
| Total Value of Awards Won                          | \$3.4M    |
| Value of Subcontracts to Private Industry Partners | \$1.7M    |
| Total Funding Procurement Time (Start to Award)    | 90 days   |

### RESEARCH PARTNERS

- Department of State
- Naval Surface Warfare Center
- Joint Program Executive Office
- U.S. Army Combat Capabilities Development Command, Armaments Center

### 2 PRIVATE INDUSTRY PARTNERS (SUBCONTRACTORS)

Within 15 months of joining MSRDC, the member won 5 awards totaling over \$3.4M within a span of just 90 days...

**with no competition.**



# How To Own MSRDC's Funding Vehicle

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## Step 1

Department of Energy  
Program Manager requests to  
work with a specific  
researcher at an MSRDC  
member research institution

## Step 2

MSRDC connects the selected  
researcher to the government  
Program Manager

## Step 3

The government Program  
Manager collaborates with  
the researcher to develop a  
Statement of Work for the  
proposed solution

## Step 4

MSRDC creates a path to a  
direct, non-competed award  
and the research begins

# How Mount Sinai Faculty Can Access To MSRDC

## Current and Future Possibilities

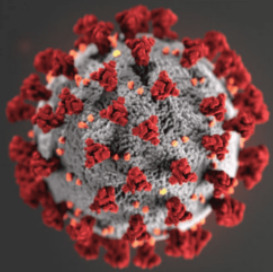
### Open Funding Opportunities

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[Check the Status of a Previous Submission](#)

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[Submit Your Capabilities](#)

- Army Material Systems Analysts Activity (AMSAA)
- Army Research Laboratory (ARL)
- Communications-Electronics Research Development Center (CERDEC)
- Department of Agriculture (USDA)
- Department of Defense (DoD)
- Department of Energy (DOE)
- Department of Homeland Security (DHS)
- Federal Aviation Administration (FAA)
- Food & Drug Administration (FDA)
- Health & Human Services (HHS)
- Minority Business Development Agency (MBDA)
- National Institutes of Health (NIH)
- Office of Naval Research (ONR)
- Small Business Administration (SBA)

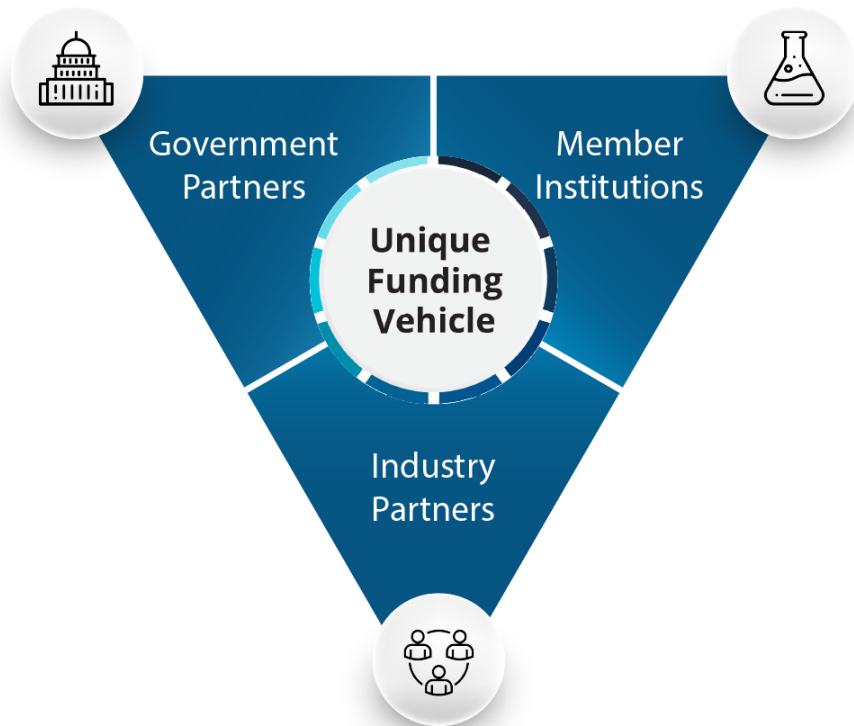
# Collaborative Partnerships in MSRDC's Research Enterprise Ecosystem

Our Research Enterprise is not subject to the typical, highly complex federal competition rules. This results in a

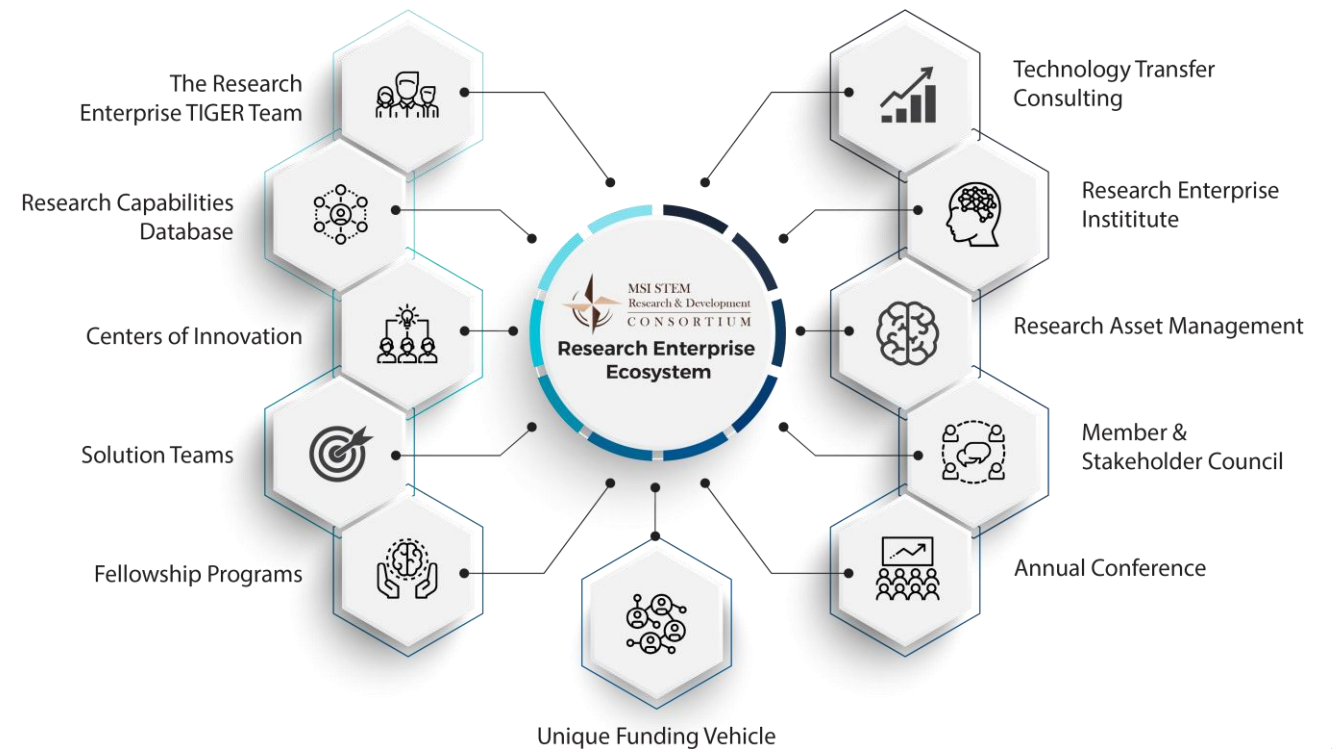
**highly collaborative environment**

between our members, industry and government partners for technical innovation.

## Our Collaborative Methodology



## Our Research Enterprise Ecosystem



# MSRDC's Evaluation Process

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SUBMISSION &  
REVIEW



MEETING WITH  
RESEARCH ENTERPRISE  
MANAGER



QUAD CHART &  
REVIEW



MEETING AND  
COLLABORATION WITH  
PM



SUBMISSION OF  
WHITE PAPER

# Next Steps

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- Submit your capabilities and government Program Manager's contact information
- Meet with an MSRDC Research Enterprise Manager
- Create a quad chart to detail the research solution
- Meet and collaborate with the government Program Manager to develop a Statement of Work
- Submit a white paper
- Secure this (and more!) research funding awards

# Let's Work Together

## Administration

**Michael J. Hester**

Chief Executive Officer

**Stacey Brown**

Director of Finance and Accounting

**Monique Davis**

Program Director

**Lamont Hames**

Strategy and Development

**Latonia Jones**

Strategy and Development

## Research Development

**Alan A. Arnold, Ph.D.**

Director of Research Development

**Charlotte Germain-Aubrey**

Assistant Director of Research Development

**Ahsan Choudary**

Assistant Director of Research Development

**Susan Tsang, Ph.D.**

Research Enterprise Manager

**Alex Thome, Ph.D.**

Research Enterprise Manager

**Joseph Bonivel Jr., Ph.D.**

Research Enterprise Manager

**Shant Kirmizian**

Market Analysis

**Kevin Jacobs**

Membership and Marketing

## Contact Us

**General Questions**

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**Business Development Questions**

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## Technical Advisors

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Sr. Technical Advisor

**Jorge Maciel, Ph.D.**

Technical Advisor