

Research Opportunity: Chico State Enterprises is a member of the MSI STEM Research & Development Consortium (MSRDC)



For Government Sponsored Innovative Science, Technology & Commercialization Opportunities at Minority Serving Institutions

Overview

In partnership with the U.S. Department of Defense (DoD), the MSI STEM Research & Development Consortium (MSRDC) **supports and stimulates science and technology related research at Minority Serving Institutions** for real-world applications to real-world problems to maintain and enhance the technological dominance of the United States in a competitive world.

The MSRDC is a nonprofit corporation formed under a Cooperative Agreement with the US Department of the Army. The Agreement, sponsored by the Edgewood Chemical and Biological Center (ECBC), engages MSIs in the pursuit of technology advancement in areas of importance to ECBC, DoD and other Federal agencies engaged in science and engineering research.

As an HSI (Hispanic Serving Institution), CSU Chico is a member in this Consortium. MSRDC has established 3 different ways for members to **pursue funding: white papers, broad agency announcements and solution teams** (see details below).

Mission and Objectives of the MSRDC

- To create a collaborative environment for MSRDC members and research & development partners to promote innovation, commercialization and technology leadership
- Enable research opportunities for member institutions to ensure sponsoring agencies maintain and enhance their science and technology priorities

Objectives include to enhance research capabilities of MSIs in areas important to national defense, and to increase number of graduates from MSIs engaged in disciplines important to national security. Read more [MSRDC information and objectives](#).

Capabilities Database

If you are interested in having your research interests and capabilities listed in the [MSRDC database](#) for others in the Consortium to view and possibly contact you about collaboration, please email [Chico State Enterprises](#).

Funding Opportunities

MSRDC has established 3 different ways for members to [pursue funding](#): white papers, broad agency announcements and solution teams.

WHITE PAPERS:

MSRDC and its government partners have established [Technology Objective areas for White Paper](#) submissions. The white paper process is fairly straightforward and requires the following submission:

- Cover Page
- White Paper Narrative
- Quad Chart
- One-page Back-up Sheet if required

Once the government has reviewed your white paper, those white papers that are evaluated as high or medium strength will receive a Request for Research Proposal. We have posted a recording of our white paper webinar, a link to the FBO posting, summaries of the technology objective areas and a white paper submission video on the MSRDC White Paper webpage and we encourage each of you to review this information if you are interested in submitting a white paper.

BROAD AREA ANNOUNCEMENTS (BAA):

MSRDC has identified a number of [agency BAAs](#) and corresponding government points of contact appropriate for member responses. We are encouraging members to partner with MSRDC in providing abstracts and white paper solutions to these government announcements. In these partnerships, MSRDC will act in the capacity of prime recipient while the member will be the sub-recipient of the award funds. Please visit the BAA webpage to identify appropriate BAAs.

SOLUTION TEAMS:

MSRDC is assembling [Solution Teams](#) consisting of our consortium members and collaborative partners, including majority institutions of higher education and private industry firms. To make the right matches for the solution teams, we need to identify what you consider to be your strongest technical capabilities based upon the DoD's research priorities and needs. As we continue to interface with our DoD customer to understand the technical areas where there is the most interest, we are positioning our consortium members and partners to respond with **solutions**. In some cases, the solution may come from a single institution or in other cases, it may make more sense to assemble the collective, complementary capabilities of a team. Please visit the [Solution Teams](#) webpage and submit your solution briefs.

The following represents a general list of capabilities of the consortium membership.

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|-----------------------------------|----------------------------------|
| Additives and Coatings | Biometrics |
| Automotive | Chemistry |
| Biotechnology | Cyber Security |
| Climatology | Energy |
| Ecology/Environmental | Health Management |
| Food | Intelligence |
| Information Management/Technology | Materials Science/Nanotechnology |
| Logistics | Manufacturing Technology |
| Modeling & Simulation | Pharmacology |
| Medical Research/Technology | Security |
| Optics/Electro-optics | Therapy |
| Quality | Transportation |
| Simulation | Vaccines |
| Training | Remote Sensing |
| Aerospace | |

MORE INFORMATION ABOUT MSRDC:

- [Current University Members](#)
- [Current Awardees](#)
- [Success Stories](#)
- [Members Capabilities Database](#)

Questions? Chico State Enterprises is the main point of contact for the MSRDC. If you have any questions about the Consortium, contact Julie Jessen, jjessen@csuchico.edu or call here at 898-6627, and we will submit your questions.