



## NISE (Naval Innovative Science and Engineering)



NISE is a congressionally mandated (Title 10 Section 4123) mechanism to maintain technical competence at Defense Laboratories. NSWC Corona utilizes 2-4% of all reimbursable funds for:

**Basic Research** - Systematic study directed toward greater knowledge or understanding of the fundamental aspects of phenomena and of observable facts without specific applications towards processes or products in mind.

**Applied Research** - Systematic study to understand the means to meet a recognized and specific need. It is a systematic expansion and application of knowledge to develop useful materials, devices, and systems or methods. Think of it like there is already an algorithm out there and I think I can apply this algorithm to a specific Navy problem.

**Technology Transition** - Aims to move mature technologies into programs of record. It can include the maturation of technologies through advanced technology development in preparation for transition. Investment in this area generally results in relatively mature technologies that can be transitioned to ongoing projects or to Operational Forces.

**Workforce Development** - Grow the technical knowledge, skills, and abilities of our scientists and engineers according to their assigned competencies.

**Recapitalization and Revitalization** - Facilities recapitalization projects are intended to revitalize the infrastructure of our laboratories with new equipment or for the establishment of new laboratory facilities. *Projects will need awareness and concurrence from your department head. Additionally, all code 10 aligned issues need to be worked out (security, networks, safety, etc.). Projects over \$500k require the CIP process which takes ~2 years. Please start planning these proposals early! We are ALWAYS look to keep "nice to have" back pocket projects to fund if funding becomes available.*

### Few extra tips

- Projects should be innovative and something you are passionate about
- Do talk with your branch head and your department rep about your proposal before you submit it
- Be collaborative with other bases (NSWC PHD is a common collaborator)
- Each project requires a deliverables (bibliometric). Transitioning to a sponsor is the target and told standard deliverable followed by Minimum Viable Product (MVP). Attending a conference is not a deliverable
- NISE funding **cannot** supplement direct work
- NISE funding **cannot** fund contractors
- NISE funding is overhead, not direct, so the money goes further for your projects
- You are in charge as the PI. Don't be afraid to submit a proposal because it may fail. That's the scientific method. Manage risk accordingly in your proposal (size, scope, risk of failure)
- If you are having issues with your project, make sure you communicate that with your departmental rep and the CTO NISE team
- Projects end on Sep 30<sup>th</sup>, which means all money must be spent by this date. Money cannot just be obligated for a purchase, the item must be in your possession and the purchase reflected as an actual expense. You must also fill out the End of the Year requirements on TIPER, which includes adding your bibliometrics (ie outcome objects), any workforce development components (ie outcome objects), and writing up your summary for the annual report



## NISE (Naval Innovative Science and Engineering - Continued)

To get started, please talk to you departmental representatives or the CTO shop NISE coordinators.

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### FY24 NISE Timeline:

- 08 March 2023: CTO releases call for proposals
- 17 April 2023: Proposals due to departmental representatives
- 17-23 May 2023: Proposals will be briefed for 10 minutes by the PI to the Evaluation Panel
- Mid-August 2023: CTO notifies the PIs of the project approvals, funding levels, and the scope
- 01 October 2023: FY24 NISE project execution begins
- 30 September 2024: FY24 NISE project execution ends