

NPS Naval Warfare Studies Institute: Overview

28 October 2020

Approved for public release: distribution unlimited.

Impetus for Change



- There is “once-in-a-generation” change currently occurring in the Navy and Marine Corps – and it is happening quickly
- The Navy and Marine Corps have a considerable number of complex challenges in force design and capability development to account for new operating concepts, operating environments, and potential adversaries
- NPS has exceptional ability to support these efforts through its faculty, its students, and its relationships with other government organizations, academia, industry
- Fleet/FMF and SE interaction with NPS should be rapid, easy, and direct and should not require intimate knowledge of NPS’ organization, capabilities, or capacity or require significant translation on the front-end or the back-end



Why a New NPS Institute?



- **Demonstrate NPS recognition of major changes in naval warfighting concepts and force structure resulting from new geo-political environment and emerging technologies**
- **Showcase NPS existing education and research initiatives addressing future naval warfighting concepts**
- **Catalyze warfare-related research and education connections between NPS faculty, students, Institutes, Centers and research activities with OPNAV, HQMC, NWDC, MCWL, Warfighting Development Centers, other fleet and warfare development activities, and other NUS institutions.**
- **Be a “center of gravity” for information on NPS warfare-related research topics & products, seminars and educational opportunities across all NPS research activities and educational disciplines**

To enhance NPS' ability to meet its mission of ensuring naval forces retain technological, tactical, and cognitive overmatch in any future conflict, the Institute's mission is to support OPNAV N7 and DC CD&I with naval warfare concept development, education, and research by providing a single entry point for access to NPS' resources and relationships and matching NPS faculty and students with key naval operational research topics



Who we are: NPS “Warfare Chairs” with select faculty and students working together to align graduate education studies, analysis, research, and technology development with emerging naval concepts and tactics

What we do: Align and Catalyze NPS interdisciplinary research with naval sponsors, including warfare centers and labs, naval education, and industry partners to address complex maritime warfare issues and prepare our students for future warfare

How we work: Increase collaboration, coordination, and integration across multiple lines of effort, to include campaign analytics and joint wargaming, providing curated sets of products (NPS theses, faculty research, seminar output, and topic lists) to NWSI Sponsors, War Colleges, warfare development commands, and industry

Coordinate NPS inter-disciplinary research and education to accelerate and enhance warfare concept and capability development while preparing our students for future conflict.

Translate – Integrate – Coordinate – Advocate – Communicate



MOVES Institute



Industry Partnerships



Meyer Scholar Program & WTI Scholars



Warfare Innovation Continuum

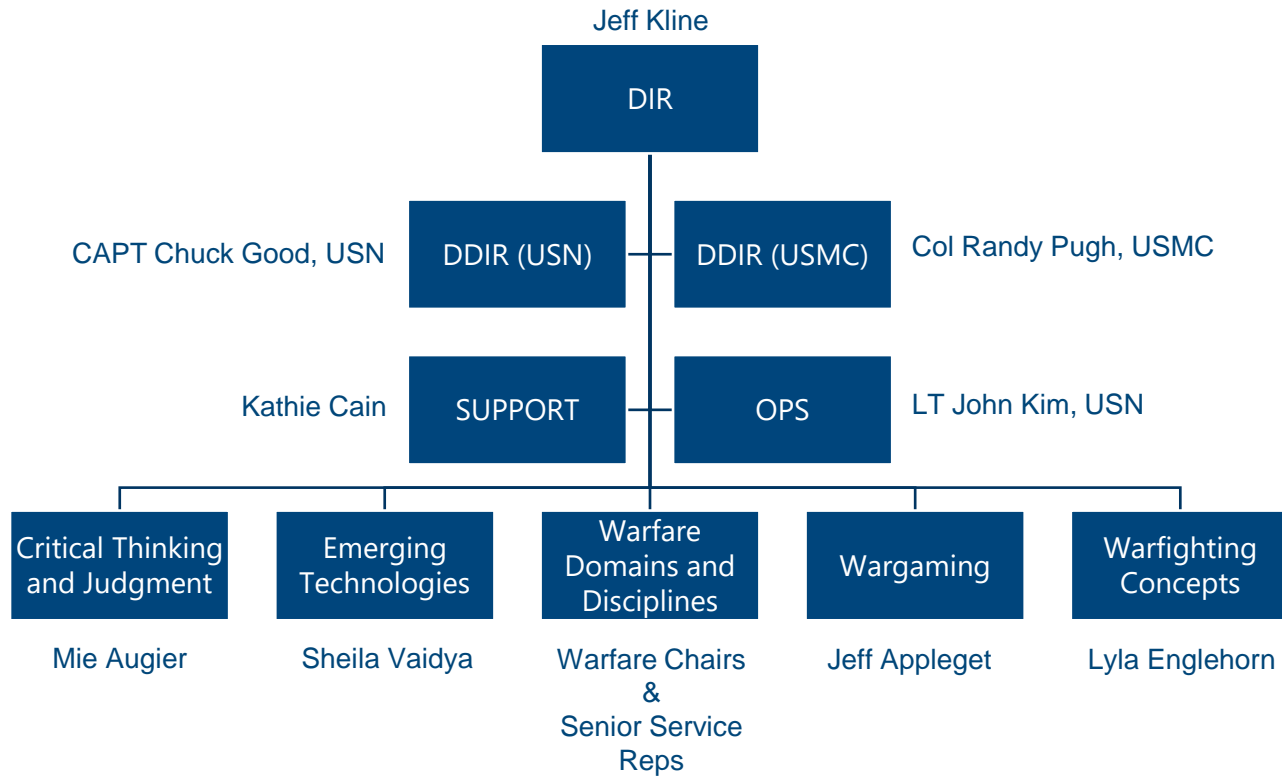


Wargaming



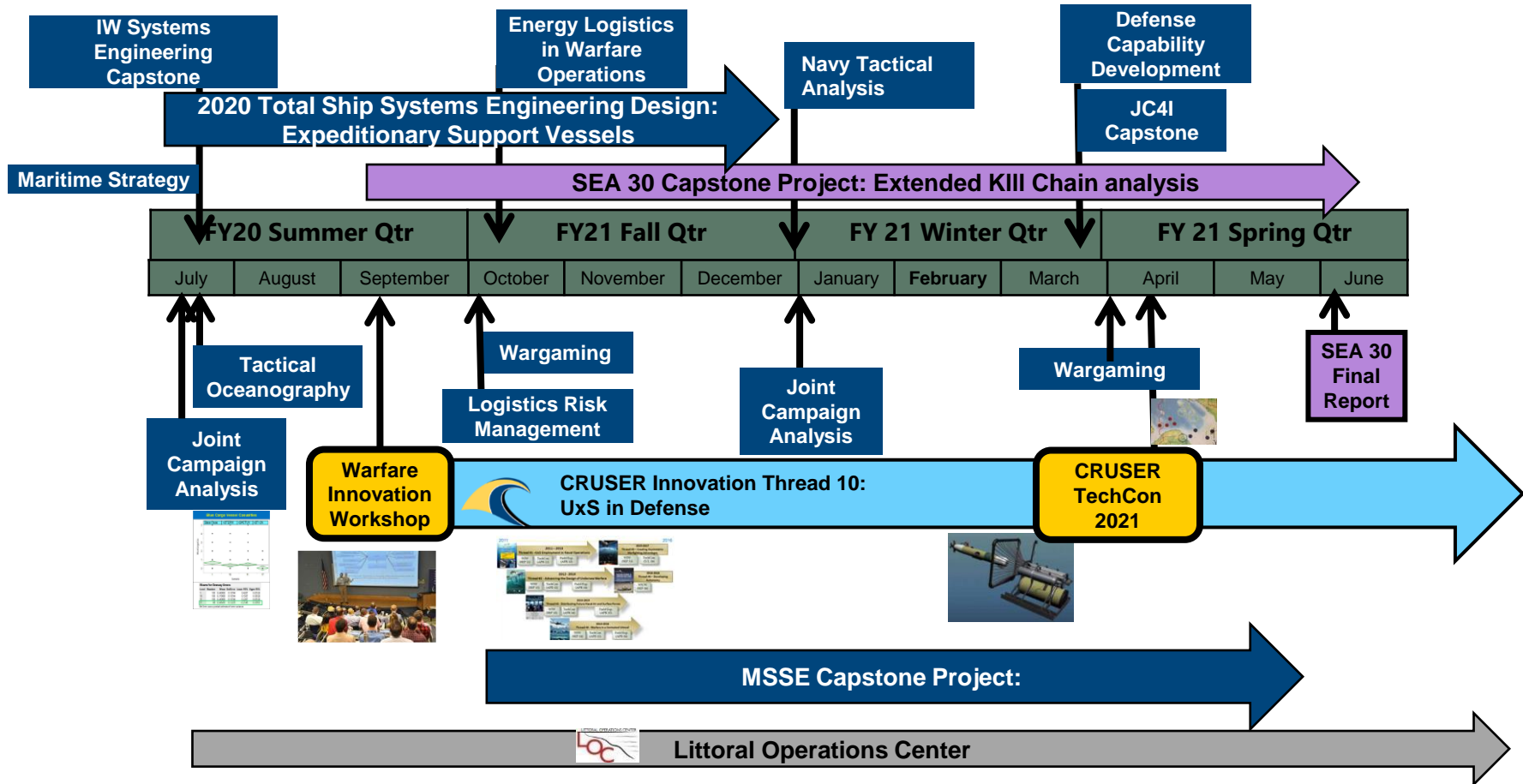
Experimentation (JIFX)

Organization





- **Six month pilot**
- **While in trial period**
 - Sponsor FY21 Warfare Innovation Continuum / Workshop and Wargaming Center’s spring & fall wargames
 - Advocate for naval warfare related topics from OPNAV N7, DC CD&I, Navy Analytics Plan, and Naval Research Program and facilitate coordination among faculty
 - Sponsor and host the “Athena” information system to connect naval warfare related research, researchers, and those with research needs
 - Sponsor “The Art and Science of Naval Tactics” Writing Challenge and Symposium
 - Execute the Emerging Technologies for Executives series



Questions and Discussion