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Implementing the DoN 30-Year R&D Plan: Creating and Sustaining a Culture That Values Learning, Strategic Agility, Collaboration and Innovation

Higgins, Sue L.; Brutzman, Don; Ann, Gallenson; Thomas, Gail

Monterey, California: Naval Postgraduate School

http://hdl.handle.net/10945/69971

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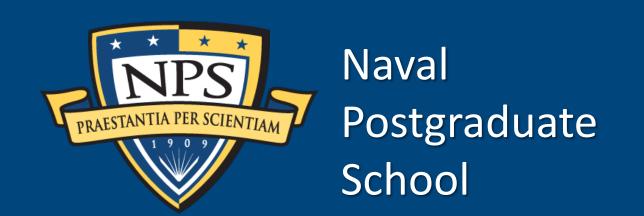
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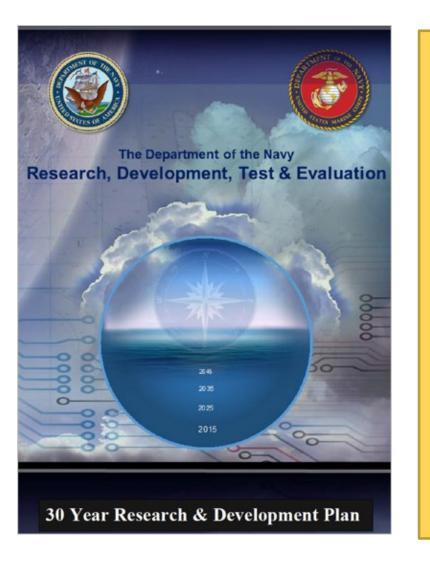
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Strategic Thinking COI – Valuing Continuous Learning in DoN

- 2016/2017 DoN 30 Year R&D
 Plan was developed
 collaboratively by DASN
 RDT&E-led, multi-organization
 group.
- 2018/2019 Group met in 3x/month teleconference, reframed as Strategic Thinking COI. Collaboratively developed 10 Year R&D Plan.
- Broad distribution of content to 250+ leaders on cutting edge research on rapidly changing technologies and implications for Naval missions.
- Archived two GB of relevant, written materials on DoD's All Partners Access Network (APAN).



The Department of the Navy
Research, Development,
Test & Evaluation

10 Year
Research &

Research & Development Plan

Rapidly Evolving Future Tech Trends, Broad Implications

Activities

Teleconferences, Webinars, In-person events

Diverse Stakeholders

NR&DE, OPNAV, Fleet, Other Services, COCOMs, Gov, Industry

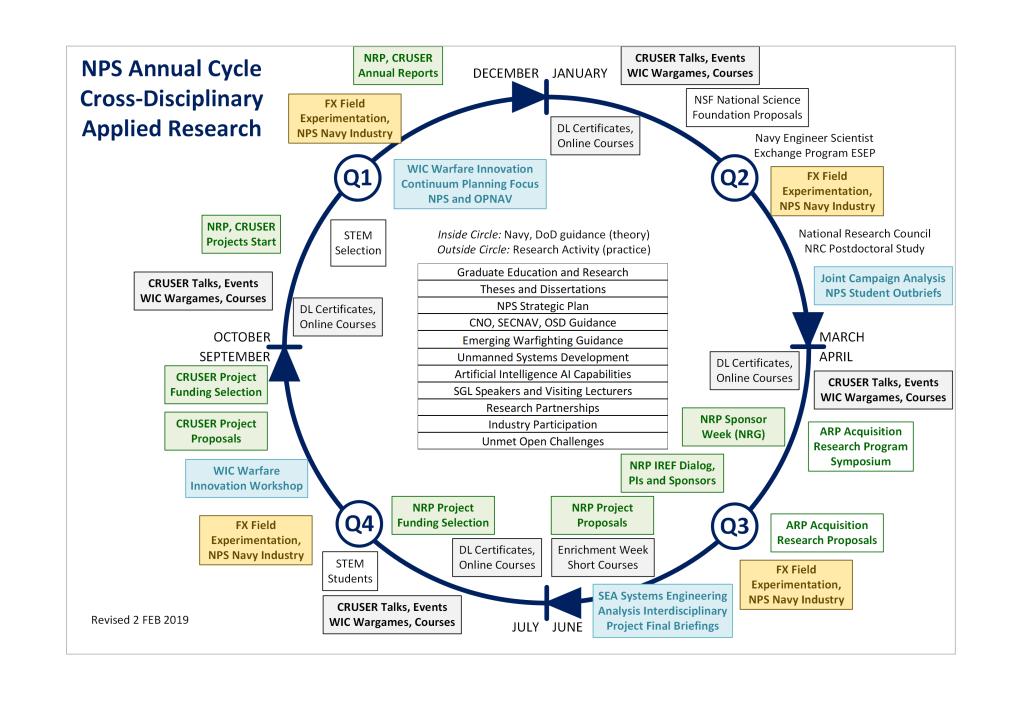
NWC + NPS

Strategic Thinking COI – A Futures-Focused Forum

- Continuous Learning Individual and Enterprise
- Aligns with Naval War College and Naval Postgraduate School Strategic Guidance

ST-COI Complements NPS Annual Research Cycle

- NPS Research focus on improving future warfighting capability.
- Strategic Thinking COI focus on technology trends and broad, future implications
- NPS research cycles provide opportunities for researchers, students, partners and military sponsors to apply emerging technologies to emerging threats. Programs include NRP, ARP, WIC, and JIFX



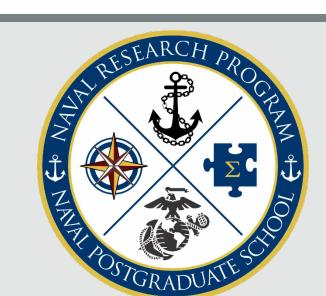
Recommendations

- Continue Strategic Thinking COI via partnership between Naval War College and Naval Postgraduate School
- Continue research on COIs & Learning Organizations in USN

"Continuous learning - and sharing hard-won knowledge - represents a combat-proven key to victory for our naval services"

-Thomas B. Modley, Under Secretary of the Navy, 19 Apr 2019, Education for Seapower Study

Enterprise OODA is actionable at all levels of leadership



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