The United States Navy's principal center for training systems:
[RESEARCH]
[DEVELOPMENT]
[ACQUISITION]
[TEST AND EVALUATION]
[PRODUCT SUPPORT]
Army
7

FINAL SCORE

31

No. 23
Navy
AND MUCH MORE – FY19 SUMMARY*
NAWCTSD PROGRAMS

PROJECTS BY PHASE

- Sustainment: 49, 18%
- R&D: 64, 23%
- Acq: 163, 59%

FUNDING BY PHASE ($M)

- Sustainment: $1,364, 31%
- R&D: $47, 1%
- Acq: $2,944, 68%

"HEALTH"

- Help needed, external visibility: 19
- Issues, may require intervention: 11
- "Got it", no help needed: 246
[FOCUS AREAS]

+ **FLEET READINESS**
  - Maintain relevant fielded devices that support current ops

+ **EXPANDED FLEET CAPABILITY**
  - Delivering integrated warfighting capability/networked training opportunities
  - Foster Live, Virtual, Constructive (LVC) training solutions

+ **LIFE-LONG LEARNING**
  - Meet needs of Navy career path training
  - Implement intelligent tutoring and AI across training areas
  - Develop embedded assessment and data analysis tools

+ **CYBER SECURITY**
**Objectives**

- Engaging, Immersive, Stressing Experiences
- “Reps & Sets”
- True Warfighting Proficiency

**TECHNOLOGY AS AN ENABLER**

- LVC
- Data Science
- XR
  - MRTS 3D (3D on 2D)
  - AR
  - VR/MR
- Interoperability Tools
- High-Fidelity Sims
[THE IMPERATIVE AND THE ANSWER]

+ **IMPERATIVE**
   Shift from Counter-Terror focus to Peer/Near-peer Competition

+ **ANSWER**
   Increased speed and innovation

+ **ENABLERS**
  • Expanded use of existing tools
    ▪ Other Transaction Authority (OTA)
      ~ Venture capital?
    ▪ Cooperative Research and Development Agreement (CRADA)
    ▪ Partnership Intermediary Agreement (PIA)
    ▪ Technology Transfer
  • Focused on outcomes
  • “Fail fast” mindset
Great space in town – a “business commons” or “innovation collective”

Collaboration amongst Navy technologists and facilities

Improved partnerships with academia, small business, startups, venture capital, non-profits, and local organizations

Connect to programs for requirements, funding paths, and user feedback

Make DoN more attractive to innovators and non-traditional problem solvers

Share best practices across DoN

Improve connections between resources, requirements, and users
[INNOVATION SPACE]

+ Easy access for non-DOD
+ “Open architecture” for multiple uses
  • Ongoing projects
  • Prize challenges
  • “Tech talks”/community gatherings
COLLABORATION

We meet Fleet needs together!