UHARL

• Established July 2008
• 33 Staff, Researchers, Students, Technicians
• 10 Current Projects
• $16M Current Portfolio
  75% Navy funded
• $26M Lifetime Portfolio
  51% Navy funded
• 80% of Navy funding comes from NAVFAC

Core Competencies

• Ocean Environmental Effects
• Astronomical Research
• Electro-Optical and Detection Systems
• Communications, Networks, Protocols, C4I Systems
• New Renewable Energy

Contract Characteristics

• Cyber Security
• Mission-Related and Public-Service-Oriented R&D
Why UHARL?
Physiography Matters
Co-Location Matters

Unified Combatant Command Headquarters
Co-Location Matters

DoD Supercomputing Resource Centers (DSRCs)
Affiliated Resource Centers (ARCs)

Map showing locations of various centers:
- AFRL/RI
- ARL&NRL
- SPAWAR
- SMDC
- EDRC
- NAVY
- MHPCC

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Co-Location Matters

Naval Shipyards
Co-Location Matters

National Security Agency Facilities
Co-Location Matters

Combined Needs, Facilities, Capabilities in Hawaii
Uniquely Hawaiian
Then, and Now

What does a 21st Century UARC look like?
Intelligence, Surveillance, Reconnaissance (ISR)