Theses

Past and Current MBSE Focused Student Theses

By Research Area

Distributed Maritime Operations


C2 Capstone (2017): Corbett, Logan; Michael Enloe; William Jankowski; Erik Kelly; Gerald Kummer; Keren Kummer; Sarah Smith; Scott Watson. "Command and Control for Distributed Lethality." Capstone Report. June 2017


Early Stage System Design


H60 Naval Strike Missile Capstone (2018): Broadfoot, Meredith; Catherine Bush; Beth Harpel; Thomas Lajoie; Paul Laube; Michael O'Grady; Emily Overman; Allison Parcus. "Examining Operational and Design Effects of MH-60S with Enhanced Weapon Systems in Anti-Surface Warfare Missions." Capstone Report. September 2018


Alphabetical

C2 Capstone (2017): Corbett, Logan; Michael Enloe; William Jankowski; Erik Kelly; Gerald Kummer; Keren Kummer; Sarah Smith; Scott Watson. "Command and Control for Distributed Lethality." Capstone Report. June 2017


H60 Naval Strike Missile Capstone (2018): Broadfoot, Meredith; Catherine Bush; Beth Harpel; Thomas Lajoie; Paul Laube; Michael O'Grady; Emily Overman; Allison Parcus. "Examining Operational and Design Effects of MH-60S with Enhanced Weapon Systems in Anti-Surface Warfare Missions." Capstone Report. September 2018


MIW Capstone (2017a): Camacho, Miguel; David Galindo; Daniel Harrington; Thomas Johnson; Ali Olinger; James Sovel; William Stith; Jeffrey Wade; Peter Walker. "Investigation of Requirements and Capabilities of Next Generation Mine Warfare Unmanned Underwater Vehicles." Capstone Report. December 2017


Engineered Resilient Systems


SEA Capstone 2015: Brown, Keirn; Flint, Michael; Tallant, Dean. "Operational Resiliency Assessment of an Army Company Team." Capstone Report. December 2015

Expeditionary Energy


Mine Warfare

MIW Capstone (2017a): Camacho, Miguel; David Galindo; Daniel Harrington; Thomas Johnson; Ali Olinger; James Sovel; William Stith; Jeffrey Wade; Peter Walker. "Investigation of Requirements and Capabilities of Next Generation Mine Warfare Unmanned Underwater Vehicles." Capstone Report. December 2017


MIW Capstone (2014): Becker, Nicole; Byram, Timothy; Frank, David; Hogan, Kevin; Kim, Richard; Miller, Glenn; Myers, Scott; Schonhoff, Shane; Whitehouse, Heather. "Application of Model-Based Systems Engineering (MBSE) to Compare Legacy and Future Forces in Mine Warfare (MIW) Missions." Capstone Report. December 2014


MIW Capstone (2014): Becker, Nicole; Byram, Timothy; Frank, David; Hogan, Kevin; Kim, Richard; Miller, Glenn; Myers, Scott; Schonhoff, Shane; Whitehouse, Heather. "Application of Model-Based Systems Engineering (MBSE) to Compare Legacy and Future Forces in Mine Warfare (MIW) Missions." Capstone Report. December 2014

USMC Operational Reach

**Seabed Warfare and Undersea Infrastructure Defense**

Seabed Capstone (2018): Carr, Christopher; Jahdiel Franco; Cheryl Mierzwa; Lewis Shattuck; Melissa Suursoo. "Seabed Warfare and the XLUUV." Capstone Report. June 2018