

Healthcare Simulation Saves Lives— Managing Healthcare Simulation Saves Money



Contact

For more information
or to enroll, contact:

Marianna Jones
Program Manager
mjones@nps.edu
831-656-7857

MOVES Institute
700 Dyer Road
Watkins Hall 265
Monterey, CA 93943

For more information
about MOVES, visit
my.nps.edu/web/moves



NAVAL
POSTGRADUATE
SCHOOL



An accredited collaboration between the
MOVES Institute at the Naval Postgraduate
School and the Uniformed Services
University of the Health Sciences

VERSION DATE 11/26/2019

Naval Postgraduate School
Modeling Virtual Environments
and Simulation Institute

Graduate Programs in Healthcare Modeling and Simulation



An accredited collaboration between the
MOVES Institute at the Naval Postgraduate
School and the Uniformed Services University
of the Health Sciences

Overview

Our master's degree program and certificate program are designed to provide healthcare simulation center directors, staff, users, and supporters with state-of-the-art theory and practice of healthcare modeling and simulation.

Available programs:

- Healthcare Modeling and Simulation Certificate Program (1 year)
- Applied Modeling and Simulation in Healthcare Master's Degree Program (additional 2.5 years)

All courses are taught via distance learning in academic quarters, 1 course per quarter. No tuition or service obligation.

Certificate Program

Certificate Coursework:

- Healthcare Simulation and Training
- Research Methods and Statistics for Healthcare Simulation
- Technology in Healthcare Simulation
- Management and Modeling of Simulation Development

Certificate Benefits:

- Capstone project (students typically complete a research proposal)
- Potential to submit capstone project for funding to conduct proposed research
- Basic understanding of Healthcare Modeling and Simulation theory and practice
- Preparation to take the Certified Healthcare Simulation Educator (CHSE) exam
- These courses count towards the Master's Degree Program

Master's Degree Program

Master's Degree Coursework:

- Introduction to DoD Modeling and Simulation
- Introduction to Human Systems Integration
- Frontiers in Modeling and Simulation
- Instructional Methods*†
- Curriculum Development*†
- Survey Design
- Measurement, Assessment, and Evaluation*†
- Leadership Roles in HPE*†

** Course taught through USUHS*

† Select 3 of these courses

Master's Degree Benefits:

- Thesis that is manuscript ready
- Development of teaching and leadership skills
- Proficiency in applying theory of Healthcare Modeling and Simulation in your domain

Designed for:

- ✓ Medical-simulation directors and instructors
- ✓ C-STARS and DMRTI instructors
- ✓ Simulation policy makers
- ✓ Acquisition personnel
- ✓ Graduate, medical, and nursing education directors
- ✓ Clinical nurse specialists in anesthesia, obstetrics, and critical care
- ✓ Military and civilian instructors at trauma training centers
- ✓ Anyone involved in healthcare simulation training and instruction

Eligibility:

- ✓ DoD, VA, federal agency or active-duty military personnel
- ✓ Healthcare simulation background
- ✓ Bachelor's degree