



MERRIMACK COLLEGE

# SCHOOL OF HEALTH SCIENCES

## PUBLIC HEALTH



Public Health is the science of protecting and improving the health of communities through education, promotion of health lifestyles and research for injury and disease prevention. Many health challenges face our local and global communities, in the areas of emerging infectious disease, obesity and sedentary lifestyle, aging, health care policy and costs, environmental health, health promotion and education, etc. Public Health work involves analyzing the effect of genetics, personal choice and the environment on health in order to develop programs that protect the health of families and communities.

### ENGAGING COURSEWORK

A dynamic curriculum builds strong practical knowledge from introductory classes to specialized coursework.

The curriculum includes core health science classes along with multidisciplinary support in biology, chemistry, mathematics, and physics.

A selection of program coursework includes:

- HSC1122 Anatomy & Physiology I
- HSC3500 Intro to Nutritional Sciences
- HSC3103 Global Public Health
- PHL2060 Biomedical Ethics

### REWARDING CAREER PATHS

Many career opportunities are found in fields such as health education, behavioral science, environmental health, global public health, biomedical sciences, epidemiology, and health services administration. Non-profit organizations and for profit businesses that focus on specific health issues offer further employment opportunities.

Our students have been employed at several academic, clinical and industrial settings, including: Beth Israel Deaconess Medical Center, Essex Orthopedics, Saints Memorial Medical Center, Southwest Vermont Health Care Center, University of Chicago Hospitals, Boston College, Bridgewater State College, Belmont High School, Lesley University, High Performance Training Center, Quest Diagnostics, Tufts Medical Center, United States Navy, Wyeth Bio Pharma.

### PROGRAM HIGHLIGHTS

#### Active Science

Funded by a \$1.05 million grant from the prestigious Robert Wood Johnson Foundation, the program combines gaming technology, physical activity, and traditional science education—resulting in a high-impact learning experience. In partnership with the Merrimack Valley YMCA, the grant is helping increase physical activity levels and science achievement among school-age children.

#### Experiential Learning

Merrimack offers a number of opportunities for experiential learning including internships, co-op placement, independent research, service learning, and seminar. Participation of all students in one or more of these experiences is required as a capstone experience. Recent placements include:

- Children’s Hospital
- Harvard University Center for Genomics Research
- Commonwealth of Massachusetts Department of Public Health
- Dana Farber Cancer Institute

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### QUESTIONS?

Contact **Kevin Finn, Department Chair and Associate Professor**, at:

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