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GEISEL ANNOUNCES NEW MASTER'S DEGREE IN HEALTH DATA SCIENCE

DARTMOUTH'S GRADUATE PROGRAM IN QUANTITATIVE BIOMEDICAL SCIENCES (QBS) is offering a new master's degree with a concentration in health data science beginning in fall 2018. This new degree is part of Dartmouth's innovative interdisciplinary graduate program, which trains doctoral students in bioinformatics, biostatistics, and epidemiology.

With an inaugural class of 12 students, the 15-month program is designed to provide future data scientists interested in health care with a wide range of core skills: exploratory statistics, high performance computing, and statistical modeling along with the ability to communicate the value of this information verbally, visually, and in writing.

"In addition to our strengths in teaching biostatistics, bioinformatics, epidemiology, and computational biology, we are adding training in data visualization, data wrangling, and machine learning," says Todd MacKenzie, PhD, a professor of biomedical data science at Geisel and a co-director of the program.

Data science programs have been blossoming at a rapid pace in tandem with the acceleration of big data collection. The vast increase in medical data generated across a wide variety of platforms is both unstructured and unwieldy. And as big data continues to influence health care, collecting, managing, and analyzing it is crucial to turning it into knowledge capable of transforming medicine.

"Graduates will be able to engage in projects that utilize and combine data from a variety of resources: electronic health records, mobile devices, social networks, internet applications, the genome, and countless other data sources to solve problems in health care and health care delivery at both the individual and community level," MacKenzie adds.

"We are delighted to be able to offer this innovative master's program that will train students for one of the largest growth areas in the country. It builds on the expertise of faculty in the Department of Biomedical Data Science, in the QBS Program at Geisel, and from faculty at Dartmouth College. There is critical need in the workforce for graduates with these skills and we're very excited to train students to fill this gap in our workforce," says Michael Whitfield, PhD, director of the QBS Program and a professor of molecular and systems biology.

For more information visit dartgo.org/QBS_Master

SUSAN GREEN

JOANNE CONROY, MD, NAMED CEO, PRESIDENT OF DARTMOUTH-HITCHCOCK



Physician and Dartmouth College alumna Joanne Mather Conroy D '77 has been named chief executive officer and president of Dartmouth-Hitchcock and Dartmouth-Hitchcock Health.

"Dr. Joanne Conroy is an excellent choice to lead the Dartmouth-Hitchcock Health system," said President Phil Hanlon D '77. "A thriving partnership between the medical center and Dartmouth is important to our shared success. I am pleased to welcome Dr. Conroy back to the Upper Valley community and look forward to working with her."

Conroy received her medical degree from the Medical University of South Carolina. An anesthesiologist, she has received a number of awards and honors, including being named one of the "top 25 Women in Healthcare" by *Modern Healthcare* magazine and one of the "130 Women Hospital and Health System Leaders to Know" in

2015 and 2016 by *Becker's Hospital Review*.

"Coming back to New Hampshire is like a homecoming for me," says Conroy. "It will be wonderful to be back in a place I love, but more wonderful still to have the privilege of serving an organization I've long admired as a leader in patient-centered care and the evolution of care delivery."

"Dartmouth-Hitchcock combines the best of medical skill, technology, teaching, and research for the benefit of patients and families, and at the same time, never stops in its quest for improvement. I look forward to being part of that passionate quest in partnership with the patients of the region."

Previously, Conroy was CEO of the Lahey Hospital and Medical Center in Burlington, MA, which serves more than 1.2 million patients annually, and is the flagship center for the Lahey Health System as well as the teaching and partner research location for Tufts University School of Medicine.