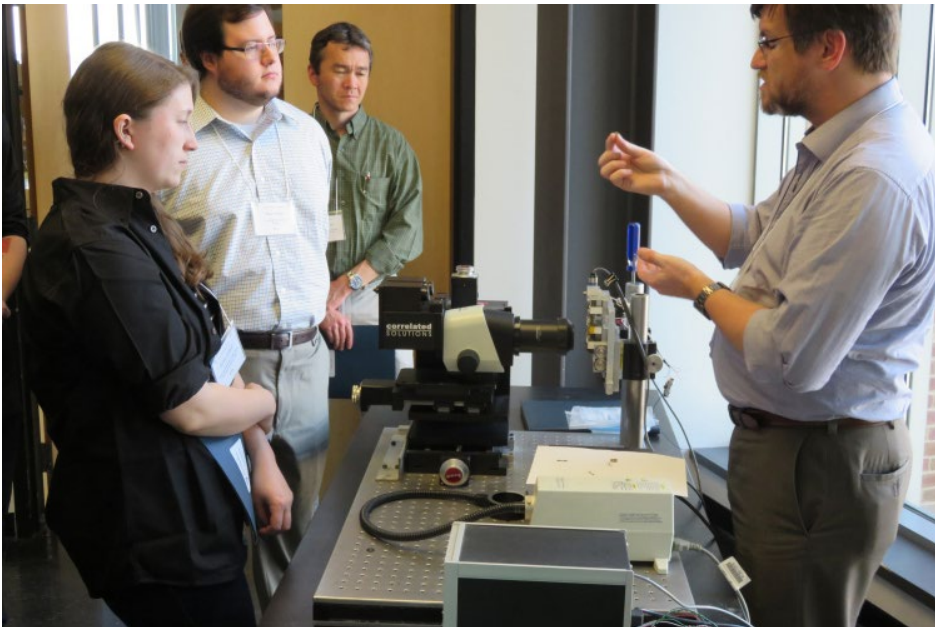


## Reduce, Reuse, REMADE

### UNH is partner in new DOE manufacturing initiative

Wednesday, January 11, 2017



UNH will join more than 100 partners from industry, academia and government in a new Department of Energy institute focused on the reduction of energy and emissions through more efficient material use, reuse, recycling and remanufacturing. The Reducing Embodied-energy and Decreasing Emissions (REMADE) Institute, headquartered in Rochester, New York, will leverage up to \$70 million in federal funding matched by \$70 million in private cost-share commitments.

“This project plays an important role in transforming the

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marketplace, as well as in reducing lifecycle energy consumption and greenhouse gas emissions by developing solutions that overcome technical and economic barriers to recycling, reuse and remanufacturing of materials,” said Jan Nisbet, senior vice provost for research. “REMADE aligns with strategic areas of emphasis at UNH, combining our strengths and investments in advanced manufacturing, environmental engineering and sustainability.”

Among the UNH researchers involved are mechanical engineering professors Brad Kinsey and Yannis Korkolis, who work with industry partners to make metals lighter and more durable, and Kevin Gardner and Weiwei Mo from the civil and environmental engineering department, who study energy efficiency and sustainability of various processes. In addition, REMADE will tap expertise in UNH’s [Center for Advanced Materials and Manufacturing Innovation \(CAMMI\)](#) and new John Olson Advanced Manufacturing Center, both led by Kinsey.

“The [REMADE Institute](#) is a key example of how public-private partnerships like Manufacturing USA are critical to advancing America’s low-carbon economy and strengthening manufacturing industries across the country,” said Energy Secretary Ernest Moniz in a statement. “This Institute will be an important catalyst to leverage innovation and energy efficient technologies that will reduce harmful emissions while creating jobs and building America’s 21st century economy.”

WRITTEN [Beth Potier](#) | Communications and Public Affairs |

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