

NEWS RELEASE

FOR IMMEDIATE RELEASE

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DYNAMET TECHNOLOGY'S ADVANCED TITANIUM MATERIALS AND PROCESSES AWARDED THREE GOVERNMENT PROGRAMS

Dynamet Technology, Inc. of Burlington, Massachusetts announced today that it has received a Small Business Innovation Research (SBIR Phase 2) grant from the National Institutes of Health (NIH) to develop **“Innovative Titanium Wear Resistant Composite Materials for Orthopaedic Lumbar Implants”**. This program follows a successful Phase 1 study funded by the National Science Foundation (NSF). Mr. Stanley Abkowitz, Dynamet President, indicated the research program will involve Medtronic Inc., Northwestern University, Clemson University and Lahey Clinic Medical Center in Burlington, MA. The study will utilize Dynamet's innovative powder metal manufacturing technology and its creative titanium alloy composite designs. Northwestern and Clemson will support the R&D effort at Dynamet while Medtronic will contribute testing and material evaluation to the program.

The Department of the Army has recently awarded Dynamet Technology an SBIR Phase 2 program targeting its advanced titanium metal matrix CermeTi[®] composite materials for application to the manufacture of **light-weight, wear resistant structural components for armored vehicles**. The research program will support the US Army's "Future Combat Systems".

In addition Dynamet Technology has initiated work on the development of a **Low Cost Titanium Alloy Manufacturing Technology** program for the US Department of Energy. The innovative process is projected to provide greater energy efficiency, improved environmental benefits and significant cost saving in the manufacture of titanium alloy components.

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