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**Dynasil Corporation's RMD Unit Wins Tibbetts Award
from the U.S. Small Business Administration**

RMD Research Recognized for its Innovative Technology

Watertown, Mass., May 2, 2012 – Dynasil Corporation of America (NASDAQ: DYSL) today announced that its RMD, Inc. subsidiary has won a Tibbetts Award for its “Model of Excellence” in the Small Business Innovation Research (SBIR) program. In 2011, the Department of Homeland Security’s Domestic Nuclear Detection Office awarded RMD SBIR contracts totaling \$1.5 Million for continued research and development of gamma and neutron radiation detectors capable of detecting or identifying nuclear and radiological materials.

“We are honored to receive this prestigious award recognizing RMD’s role in advancing the government’s research and development priorities in next generation gamma-ray and neutron detectors through technology innovation,” said President and Chief Executive Officer Steve Ruggieri. “SBIR has helped to fund the development of several key products including our portable X-ray fluorescence system for lead paint analysis and our nuclear medicine probe designed to identify and locate cancer cells during surgery. The program also has fostered the advance of new technologies such as synthetic crystals for radiation detection applications.”

Dr. Kanai Shah, president of RMD, received the Tibbetts Award at a ceremony in Washington, D.C. from Roland Tibbetts, creator of the SBIR program, for whom the award is named, Karen Mills, Administrator of the Small Business Administration (SBA), and Sean Greene, SBA Associate Administrator. Dr. Shah was accompanied by Rastgo Hawrami and Urmila Shirwadkar, RMD scientists who were instrumental in the development of RMD’s gamma and neutron radiation detection research capabilities. The award acknowledges small businesses and individuals that best promote the mission and goals of the SBIR program and Small Business Technology Transfer.

About Dynasil

[Dynasil Corporation of America](#) (NASDAQ: DYSL) develops and manufactures detection, sensing and analysis technology, precision instruments and optical components for the homeland security, medical and industrial markets. Combining world-class technology with expertise in research and materials science, Dynasil is commercializing products including dual-mode radiation detection solutions for Homeland Security and commercial applications, probes for medical imaging and sensors for non-destructive testing. Dynasil has an impressive and growing portfolio of issued and pending U.S. patents. The Company is based in Watertown, Massachusetts, with additional operations in Mass., Minn., NY, NJ and the United Kingdom. More information about the Company is available at www.dynasil.com.

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