



News Release

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3D Systems Partners with National Institutes of Health (NIH) to Advance Medical Innovations Through 3D Printing

- 3DS will play major role during 2015 Science in 3D Festival
- Delivers expert healthcare-focused talks and exhibits on 3D printing, 3D visualization and 3D simulation
- Showcases state-of-the-art 3D healthcare technology including personalized surgery

ROCK HILL, South Carolina, January 15, 2015 – [3D Systems](#) (NYSE:DDD)

announced its role as a key partner in the [2015 Science in 3D Festival](#) organized by the National Institute of Allergy and Infectious Diseases (NIAID), part of the National Institutes of Health (NIH). The event will be held on January 20-21, 2015, at the NIAID Fishers Lane Conference Center in Rockville, Maryland. 3D Systems will feature prominently in exhibits and lectures over the two day meeting. The festival will explore all aspects of 3D modeling, 3D printing, surgical simulation and visualization technologies through experts from government, academia and the private sector. The event will also be available via [NIH VideoCast](#).

“As the leading American 3D printing company, 3DS is committed to working with the federal government to enhance the delivery of U.S. healthcare and drive innovation for novel therapies while reducing overall healthcare costs,” said Kevin McAlea, Executive Vice President and Chief Operating Officer, Healthcare, 3DS. “This event offers an important opportunity for us to explore common R&D interests and capabilities across multiple technologies—from 3D medical modeling, training and simulation to 3D printing of personalized medical instruments, implants and surgical guides.”

In 2014, the [NIH 3D Print Exchange](#) was launched to provide an open and interactive website for sharing biomedical 3D print files, modeling tutorials, and educational material. The Science in 3D Festival builds upon this work to expand the use of 3D technology to advance research and medical innovation.

3DS' healthcare portfolio continues to grow significantly, both organically and through targeted acquisitions. From revolutionizing the hearing aid industry with custom-fit 3D printed ear shells and scalable, 3D manufacturing of millions of one-of-a-kind dental aligners to working with physicians on tens of thousands of personalized surgical procedures and facilitating virtual reality surgical simulation, 3DS continues to lead the way in enhancing healthcare worldwide.

3DS healthcare executives will be presenting several sessions throughout the two-day event as follows:

- **3D Printing – Reshaping Healthcare in the 21st Century**, Andy Christensen, Vice President, Personalized Surgery & Medical Devices, 3DS – January 20, 1:00 – 1:30 p.m. EST
- **3D Scanning and 3D Printing: Using the Body to Design for the Body**, Scott Summit, Senior Director, Functional Design, 3DS – January 20, 1:45 – 2:00 p.m. EST
- **A Dress Rehearsal for Surgery**, Ran Bronstein, Vice President, Chief Research and Operation Officer for Symbionix Products, 3DS – January 21, 10:00 – 10:15 a.m. EST

3DS will also showcase its extensive portfolio of healthcare solutions that extend from the training room to the operating room. 3DS' end-to-end platform includes 3D simulation, training, virtual surgical planning, guiding and delivery of 3D printed procedures with many different types of patient specific medical devices. Around the

globe on a daily basis, surgeons use the company's Virtual Surgical Planning (VSP®) services and patient-specific anatomical models for guiding complex reconstructive surgeries involving the face, orthopedic areas like the hip and knee, and even organs such as the kidney and heart.

NIH VideoCast

This event will be available via online broadcast at the links below.

Day 1 - <http://videocast.nih.gov/summary.asp?live=15415&bhcp=1>

Day 2 - <http://videocast.nih.gov/summary.asp?live=15417&bhcp=1>

Learn more about 3DS' commitment to manufacturing the future today at www.3dsystems.com.

About 3D Systems

3D Systems is pioneering 3D printing for everyone. 3DS provides the most advanced and comprehensive 3D design-to-manufacturing solutions including 3D printers, print materials and cloud sourced custom parts. Its powerful digital thread empowers professionals and consumers everywhere to bring their ideas to life in material choices including plastics, metals, ceramics and edibles. 3DS' leading healthcare solutions include end-to-end simulation, training and integrated 3D planning and printing for personalized surgery and patient specific medical and dental devices. Its democratized 3D design and inspection products embody the latest perceptual, capture and touch technology. Its products and services replace and complement traditional methods with improved results and reduced time to outcomes. These solutions are used to rapidly design, create, communicate, plan, guide, prototype or produce functional parts, devices and assemblies, empowering customers to manufacture the future.

Leadership Through Innovation and Technology

- 3DS invented 3D printing with its Stereolithography (SLA) printer and was the first to commercialize it in 1989.
- 3DS invented Selective Laser Sintering (SLS) printing and was the first to

commercialize it in 1992.

- 3DS invented the ColorJet Printing (CJP) class of 3D printers and was the first to commercialize 3D powder-based systems in 1994.
- 3DS invented MultiJet Printing (MJP) printers and was the first to commercialize it in 1996.
- 3DS Medical Modeling pioneered virtual surgical planning (VSP) and its services are world-leading, helping many thousands of patients on an annual basis.

Today its comprehensive range of 3D printers is the industry's benchmark for production-grade manufacturing in aerospace, automotive, patient specific medical device and a variety of consumer, electronic and fashion accessories.

More information on the company is available at www.3dsystems.com.