Designing for Impact III: Workshop on Building the National Network for Manufacturing Innovation

ADVANCED MANUFACTURING NATIONAL PROGRAM OFFICE

Backgrounder

About the Advanced Manufacturing National Program Office

In December 2011, former U.S. Commerce Secretary John Bryson formed the Advanced Manufacturing National Program Office (NPO). Hosted by the National Institute of Standards and Technology (NIST), the office is staffed by representatives from federal agencies with manufacturing-related missions as well as manufacturing companies and universities.

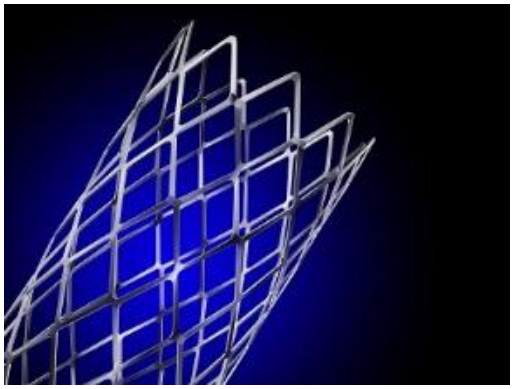
The Advanced Manufacturing NPO is charged with:

- Convening and enabling industry-led, private-public partnerships that focus on manufacturing innovation and engaging U.S. universities, and
- Designing and implementing an integrated "whole of government" advanced manufacturing initiative to facilitate collaboration and information sharing across federal agencies.

By coordinating federal resources and programs, the Advanced Manufacturing NPO will enhance technology transfer in U.S. manufacturing industries and help companies overcome technical obstacles to scaling up production of new technologies.

Mike Molnar, NIST's chief manufacturing officer, directs the office.

The Advanced Manufacturing NPO includes participation from all federal agencies involved in U.S. manufacturing. It will enable more effective collaboration in identifying and addressing challenges and opportunities that span technology areas and cut across agency missions. In addition, the office will link federal efforts to the growing number of private-sector partnerships between manufacturers, universities, state and local governments, and other organizations.



A cardiovascular stent, currently manufactured using laser cutting, is a candidate for additive manufacturing.

Federal partners include:

- Department of Commerce, NIST
- Department of Education
- Department of Homeland Security
- NASA
- Small Business Administration
- Department of Defense
- Department of Energy
- Department of Labor
- National Science Foundation

For more information, go to the AMNPO's advance manufacturing web site at:
http://www.manufacturing.gov/welcome.html