

industry and cyber-security industry, and they are now making an impact on assistive technology for individuals with disabilities, fashion and many other industries,” he added.

The Festival also features a [Book Fair](#) where some of the leading authors and experts in the DIY world will speak, including [William Gurstelle, author of *The Practical Pyromaniac*](#), a professional engineer and has been researching and building model catapults, ballistic devices and flamethrowers for more than 30 years. His previous books include the best-selling *Backyard Ballistics*, among others.

“The USA Science & Engineering Festival is an amazing place for engineers and DIY enthusiasts to see what’s new and innovative in the world of science and technology,” said Gurstelle. “I can’t imagine anyone in my field who wouldn’t find it to be a tremendously inspiring event, full of creative fuel to spark that next great idea or invention.”

[Dustyn Roberts, author of *Making Things Move: DIY Mechanisms for Inventors, Hobbyists and Artists*](#), will also appear at the Festival. Roberts is an engineer who started her career at Honeybee Robotics working on the Sample Manipulation System project for NASA’s Mars Science Laboratory mission. She is the founder of Dustyn Robots where she consults on projects ranging from gait analysis to designing guided parachute systems.

“I’m looking forward to this year’s Festival to find out what all of the world’s leading innovators have developed to demonstrate the wonders of modern science and engineering,” said Roberts. “I’m particularly excited to see the array of female innovators who will be sharing their expertise and inspiring young girls to consider a career in the science, technology, engineering or math fields.”

The USA Science & Engineering Festival and Book Fair is a free, family-friendly event that allows kids and adults to participate in over 2,000 hands-on activities and see more than 200 live performances by science celebrities, explorers, best-selling authors, entrepreneurs and world-renowned experts. For inventors and others looking for ideas and information, the Festival offers a smorgasbord of scientific and technological wonders that will entertain as it inspires the American spirit of innovation.

About the USA Science & Engineering Festival:

The [USA Science & Engineering Festival](#) is the country’s only national science festival, and was developed to increase public awareness of the importance of science and to encourage youth to pursue careers in science and engineering by celebrating science in much the same way as we celebrate Hollywood celebrities, professional athletes and pop stars. Lockheed Martin is again the presenting host of the USA Science & Engineering Festival and is joined by many other Festival [sponsors and partners](#). The USA Science & Engineering Festival is a grassroots collaboration of over [500 of the United States leading science and engineering organizations](#). For more information on the USA Science & Engineering Festival, please visit the [Festival website](#).

Sponsors and Media Partners:

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Biotechnology Education at Johns Hopkins University, John Hopkins University Applied Physics Laboratory, Northern Virginia Technology Council, Project Lead the Way, Purdue University, Raytheon, The Scripps Foundation for Science and the Environment, Society for Maintenance and Reliability Professionals (SMRP), Vertex Pharmaceuticals, The Rubik's Cube, U.S. Army RDECOM, U.S. Department of Defense, U.S. Environmental Protection Agency, Xconomy, Academy of Model Aeronautics, American Mathematical Society, Biogen Idec Foundation, Children's National Medical Center, Dassault Systèmes SolidWorks Corp., Destination DC, Draper Laboratory, FEI Company, Genentech, National Girls Collaborative Project, National Oceanic and Atmospheric Administration (NOAA), SGT, Inc., SpaceX, University of Massachusetts Lowell, UMBC, U.S. Census Bureau, Statistics in Schools, U.S. Department of Agriculture, Aerospace Corporation, Armed Forces Communications & Electronics Association (AFCEA) Belvoir Chapter, Aldebaran Robotics Inc., American Autoimmune Related Diseases Association (AARDA), American Society of Agronomy, American Society of Civil Engineers, Atlas Experiment at the Large Hadron Collider, Big Kid Science, Bureau of Ocean Energy Management (BOEM), Carnegie Mellon Software Engineering Institute, Central Intelligence Agency, Constellation Energy, Consortium for Ocean Leadership, Crop Science Society of America, Data.gov, Defense Threat Reduction Agency, Chemical and Biological Technologies Directorate, DeVry University, EurekaAlert!, George Mason University, Georgetown University, Georgia Institute of Technology, Idaho State University, James Madison University, Johns Hopkins University, Undergraduate Neuroscience Program, Making Neuroscience Fun Program, Lawrence Livermore National Laboratory, Michigan Tech Mind Trekkers, National Museum of Health and Medicine, North Carolina State University, NumbersAlive!, Rochester Institute of Technology, San Diego State University, SMU Caruth Institute for Engineering, Society of American Military Engineers, Soil Science Society of America, The American Society for Microbiology, The George Washington University, The George Washington University, School of Engineering and Applied Sciences (SEAS), The KidWind Project, The Mars Society, The Pennsylvania State University, The United States Patent and Trademark Office (USPTO), Thirty Meter Telescope Project, U.S. Food and Drug Administration (FDA), Tumblehome Learning, Inc., United States Naval Academy, University of Connecticut, University of Florida, University of Georgia, University of Rochester, Vanderbilt University, VCU School of Engineering, Wellesley College, West Virginia University, Wind Energy Foundation, American Elements, and Wolfram.

The USA Science & Engineering Festival is a grassroots collaboration of over [500 of the United States leading science and engineering organizations](#), including:

- Professional Science & Engineering Societies including the National Academies, AAAS, American Physical Society, American Chemical Society, IEEE, Association for Women in Science (AWIS), Society of Hispanic Engineers, National Society of Black Engineers, and many more.
- Universities/Colleges/Research Institutes including Harvard, Princeton, Stanford, Yale, Georgetown., Johns Hopkins, U.S. Naval Academy, J. Craig Venter Research Institute, Carnegie Institute of Sciences and more.
- Government Agencies and Federal Laboratories including NIH, NASA, USDA, EPA, Office of Naval Research, Department of Energy, Lawrence Berkeley Laboratory, Fermi Accelerator Facility, U.S. Geological Survey and many more.
- Corporations including Lockheed Martin, Life Technologies. Amgen, Baxter, ResMed, Hitachi, and many more.
- Informal Science Outreach Organizations including the Smithsonian, American Museum of Natural History, The Franklin Institute, Koshland Museum, and many more.
- Community Organizations including *FIRST* Robotics, Girls Inc., Girl Scouts, Boy Scouts, and more.

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