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Navy Licensing Spotlight: Lightweight, 24 Volt Battery Operated, Handheld or Remotely Operated Soil Excavation Tool



The U.S. Navy wishes to commercialize a patent regarding a novel remote excavation tool for robotically re-moving soil, where the tool has a relatively low mass (housing, rotor, gear train, and motor less than 7 lbs.) that efficiently utilizes a low power (24 Volt), high revolution, rotor configuration to break up and remove dry, dense compact soil. This tool can be fitted to a small-sized, remotely controlled robotic platform or be configured for handheld use. [Click here](#) to view the full fact sheet on this technology.

New Scholarship Fund to Benefit Deserving CSM Students

John Hungerford and family are establishing a scholarship fund at the College of Southern Maryland (CSM) in memory of John Milton Sine, a beloved family member, who served as the President of the College from 1982-1998. Dr. Sine was instrumental in the largest growth and development of CSM, overseeing the building of the Center for Business and Industry, the Learning Resource Center, the Fine Arts Center, and the Health Technology Building. His vision led to the expansion of the College in St. Mary's and Calvert Counties, designing the concept of a regional community college for all of Southern Maryland's residents. Dr. Sine's emphasis on education over his 37-year career championed the development of programs such as Computer Science and Pollution Abatement Technology at CSM, to offer training to local students in STEM fields.

The family hopes the \$15,000.00 endowment, collected from people who made donations in his memory after his death in 2017, will grow with additional donations and contributions from individuals and the business community over the next few years. The fund will provide tuition assistance to deserving students who want to major in STEM programs at the College. For more information about scholarship funds at CSM, visit www.csmd.edu/Foundation/

ETC and RMC Offer SBIR Grant Proposal Training

As researchers and innovators struggle to identify funding sources to further their technology development, many in the region turn to the Small Business Innovation Research (SBIR) grant as a source of non-dilutive funding. The highly-competitive proposal process offers the opportunity to receive \$75,000-150,000 in Phase I or Phase I and II grants. On April 19th, Energetics Technology Center, sponsored by the [Rural Maryland Council](#), is hosting a free 4-hour workshop for individuals desiring an in-depth look at successful SBIR grant proposal writing. The workshop will feature instructional presentations from the SBIR Offices of Naval Surface Warfare Center Indian Head EOD Technology Division and NAVAIR Naval Air Warfare Center Aircraft Division.

Other experts presenting are the Southern Region Small Business Development Center and an ETC Entrepreneur-in-Residence who will provide information regarding grant writing best practices and be available to offer initial preparation tips onsite. To register for this program go to <https://etcsbirworkshop.eventbrite.com>.

Small Business Innovation Research (SBIR) Workshop

April 19th 8:30am –1:00 pm

Free Event!

College of Southern Maryland, La Plata

Purpose of the Workshop: to review the leverage and financial support Small Business Innovation Research grants offer inventors and start up businesses.

Why attend an SBIR workshop? The program is designed to assist and prepare grant writers with their proposals and introduce individuals to resources available in the community to help entrepreneurs develop and move their technology toward commercialization and product sales.

Who Can Attend? Anyone! Whether you have ever submitted an SBIR grant proposal or not, plan to attend this free session. Entrepreneurs, startups, small businesses, and inventors are especially encouraged to attend.

Invited Speakers:

Charlotte Davis, Rural Maryland Council

SBIR Program Overview, SBA Office of Innovation and Technology, SBIR Program

Somnath Sengupta, SBIR - Grant Writing Tips and Best Practices, Entrepreneur-in-Residence, ETC

SBIR Program Director, Naval Air Warfare Center Aircraft Division

SBIR Program Director, Naval Surface Warfare Center, Indian Head Explosive Ordnance Disposal Technology Division

Wynne Briscoe, Small Business Development Center, Technology Development Specialist



Meet with Entrepreneur-
in-Residence and
Program Speakers

Free Event!

Register Now! www.etcsbirworkshop.eventbrite.com

Presented by: Energetics Technology
Center & the Rural Maryland Council



MARYLAND
INCUBATOR COMPANY
OF THE YEAR 2018

SMALL BEGINNINGS. BIG FUTURE.

Nominations for Maryland Incubator Company of the Year are open until April 18, 2018. For more information go to <http://www.mdincubatoraward.com/>

ETC Charitable Partner Every Life Works Supports Autism Independence

Every Life Works will be at Booth #23 at this year's Johns Hopkins University Spring Fair (<http://www.jhuspringfair.com/>) to be held April 20 - 22, 2018, at JHU's Homewood Campus in Baltimore.

See hand-made art and usable art products for sale made by young adults with autism. These products make excellent gifts for family, friends, and loved ones. All proceeds directly support these individuals' ongoing work and future strides toward financial independence. Preview the products at www.everylifeworks.com/shop. See how AUTISM CREATES™ at Every Life Works, LLC.

Upcoming Events

April 12 Crab Pot Pitch Competition Speed Round - Hosted by Southern Maryland Innovation and Tech (SMIT) at the Patuxent River Naval Air Museum. RSVP at www.smit.tech. Co-sponsored by Energetics Technology Center and the [Rural Maryland Council](http://www.ruralmarylandcouncil.com). ETC and RMC are providing the sound system and a one year membership to PAX Space. To find out more about the Crab Pot Pitch Competition, visit <http://www.etcmd.com/crab-pot-pitch-contest-in-southern-maryland/>

April 16 - Aug 24 Seeding America's Future Innovations - Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs Road Show (cost varies by date and location). Organized by the U.S. Small Business Administration (SBA), in conjunction with 11 fellow federal agencies and the Federal Laboratory Consortium for Technology Transfer in 18 states. For more information visit <http://www.sbirroadtour.com/>

April 18 Best Practices for Building a Tech Transfer Program – FREE. Organized by Tech Transfer Society of DC and hosted by the Association of Public and Land-grant Universities - <https://t2sdcforum8-7.eventbrite.com>

April 19 Small Business Innovation Research (SBIR) Workshop – FREE. Organized by Energetics Technology Council and sponsored by Rural Maryland Council at the College of Southern Maryland, LaPlata Campus -- <https://etcsbirworkshop.eventbrite.com>

April 20 Maryland Tech Transfer Summit – FREE – Organized by the Maryland Department of Commerce and hosted by National Institute for Standards and Technology (NIST). https://www.nist.gov/tpo/2018-maryland-technology-transfer-summit?mc_cid=164261f99c&mc_eid=7ba581ea5c

April 24 Stop Fakes Road Show: Intellectual Property Rights Seminar – cost \$45 – lunch included. Organized by the U.S. Patent Trade Office and hosted by the Montgomery County Chamber of Commerce. For more information, contact Carey Arun - Carey.Arun@trade.gov

April 24-26 Federal Laboratory Consortium for Technology Transfer National Meeting – Loews

Hotel Philadelphia. Largest gathering of the United States' federal laboratories; businesses are encouraged to attend on Industry Day 4/26. Please stop by ETC's exhibit booth.

<https://meeting.federallabs.org/>

May 10 Crab Pot Pitch Competition – Hosted by Southern Maryland Innovation and Tech (SMIT) at the Calvert Marine Museum. Energetics Technology Center and the Rural Maryland Council are among the co-sponsors for the event. For more information, visit <http://www.etcmd.com/crab-pot-pitch-contest-in-southern-maryland/>

May 16 Financing Your Business with Local Resources – FREE. Organized by Energetics Technology Council and sponsored by TEDCO and Rural Maryland Council. <https://etcfinancingworkshop.eventbrite.com>

May 23 Drive Your Business Forward With USDA Tech Transfer – FREE – Organized by Energetics Technology Center and sponsored by [Rural Maryland Council](#). <https://etcusdatechtransferworkshop.eventbrite.com>

For more information email us at techfirenetwork@etcmd.com



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