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NAVAL NUCLEAR LABORATORY STEM EVENT INSPIRES FUTURE ENGINEERS

Naval Nuclear Laboratory engineers and scientists are working closely with local children and teens to ensure a bright future for the engineering profession. On Tuesday, September 13th, Naval Nuclear Laboratory hosted its annual outreach event centered on Science, Technology, Engineering and Mathematics (STEM) at the Rotterdam Boys & Girls Club. Over 80 employees from the Knolls Atomic Power Laboratory in Niskayuna, NY, the Kesselring Site in West Milton, NY and other Naval Nuclear Laboratory locations from around the country facilitated exciting hands-on experiments and encouraged students to gain interest in technical fields.

This STEM event is held annually as a part of the Naval Nuclear Laboratory's Leadership Development Colloquium. During Tuesday's event, nine exhibits demonstrated unique science experiments, including learning about air pressure through an imploding soda can, engineering safety by moving an egg through a small bottle, different material densities through creating a lava lamp and designing tiny aluminum foil boats with weights to demonstrate buoyancy in water. Students had the opportunity to learn problem solving techniques and apply engineering concepts to technical applications.

Naval Nuclear Laboratory employee Jan Principe stated, "Last year's outreach program was actually very inspiring to work with younger children and watch them get so excited! They just couldn't wait to get involved with the activities and talk with all of the engineers, scientists, and everybody from the Colloquium".

The Naval Nuclear Laboratory is operated for the U.S. Department of Energy (DOE) by Bechtel Marine Propulsion Corporation (BMPC), a wholly owned subsidiary of Bechtel National, Inc. Naval Nuclear Laboratory personnel are BMPC employees who work at the Bettis Atomic Power Laboratory, Knolls Atomic Power Laboratory, Kenneth A. Kesselring Site, Naval Reactors Facility, and several other locations across the country.

For 70 years, the Naval Nuclear Laboratory has developed advanced naval nuclear propulsion technology, provided technical support, and trained world-class nuclear operators to ensure the safe and reliable operation of our nation's submarine and aircraft carrier Fleets. The Naval Nuclear Laboratory is a national asset solely dedicated to the Naval Nuclear Propulsion Program. We rely on the dedication and innovation of our 7,000 engineers, scientists, technicians, and support personnel.

Any questions can be directed to Gene Terwilliger at (518) 395-4413 or NNLPublicAffairs@unnpp.gov.

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