John C. Pazik, Ph.D.

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Dr. John C. Pazik currently serves at the Office of Naval Research (ONR) as the Deputy Chief of Naval Research for Expeditionary Maneuver Warfare and Combating Terrorism Science and Technology, as Department Head (ONR 30). He is responsible for leading, managing, directing, and integrating an extensive basic, applied and advanced Science and Technology program ($200M annually) which consists of basic research, applied research and advanced technology development in a wide range of technical disciplines and warfare areas.

Previously, Dr. Pazik served as the Director of the Ship Systems and Engineering Science and Technology Division involved in the development of technologies for advanced naval power systems, platform survivability, advanced platform concepts, and sea base enablers. In that position he was responsible for portfolio of basic, applied and advanced technology development programs that range from topics in nanotechnology to aircraft carrier technologies. He has worked extensively with Navy and Marine Corps acquisition and requirements communities on the integration of various science and engineering projects in ship design, hydrodynamics, propulsion, mechanical and electrical systems as well as integrating research activities in surface connectors, expeditionary logistics, at-sea warehousing, and cargo transfer technologies with acquisition programs of record. Dr. Pazik engaged in development of S&T strategy for incorporation into the Navy's Next Generation Integrated Power Systems (NGIPS) master plan. As the Navy's S&T Advanced Naval Power and Energy lead he has worked with extensively with Office of the Secretary of Defense and the services to coordinate and plan power and energy programs.

Dr. Pazik was promoted to Senior Executive Service (SES) in December 2002 and has over 18 years of civilian service.

Dr. Pazik was Director of the Physical Sciences Division at ONR where he led a group of chemists, physicists, and materials scientists in developing new science and technology options for future Naval forces. As director of Physical Sciences, Dr. Pazik focused resources on power and energy transfer and environmental quality to address future Naval

needs in these areas. He developed a balanced portfolio of programs in energy storage, energy conversion/generation, tribology, anti-fouling coatings, membranes for waste water treatment and desalination, platform emissions, and thermal management.

Prior to his selection to the SES, Dr. Pazik was a program officer at the ONR where he developed and managed programs in nanotechnology, solid state chemistry, electronic materials, thermoelectric materials and devices. As a program officer at ONR, he developed and managed joint programs with DARPA on energy conversion and molecular electronics. Dr. Pazik was a member of the technical staff at the Naval Research Laboratory (1989 -1992), where he performed research and published technical papers on development of semiconductor materials for high power electronic devices.

Dr. Pazik received a bachelor's degree in chemistry from the State University College of New York at Fredonia in May of 1982. He received his doctorate degree from the SUNY Buffalo in the area of inorganic chemistry in May of 1987. He was an ASEE Post- doctoral fellow at the Naval Research Laboratory in June of 1987 for designing and synthesizing new organometallic precursors for semiconductor compounds.