



**NRL BAA Announcement  
#61-09-01**

## **DEVELOPMENT OF MICROSENSORS AND MICROSYSTEMS FOR PHYSICAL, CHEMICAL, AND BIOCHEMICAL APPLICATIONS**

The Naval Research Laboratory (NRL) is interested in receiving proposals for research and development of new microsensors and microsystems to detect a variety of physical phenomena and chemical and biochemical species. The Surface Nanoscience and Sensor Technology Section (Code 6177) of the Chemistry Division addresses a variety of DoD problems, from drug analysis to chemical and biological threat agent detection. NRL is interested in receiving proposals related to the development of new microsensors and microsystems for the following applications: (1) measuring physical phenomena such as magnetic and electric fields, pressure, electromagnetic radiation, temperature, humidity, and other meteorological parameters; (2) detecting chemical species with high sensitivity and specificity; and (3) detecting biochemical species with high sensitivity and specificity.

White Papers (WP) of 2-3 pages should be addressed to Code 6177, or [e-mail](#), telephone (202) 404-2121. Allow one month before requesting confirmation of receipt of WP, if confirmation is desired. Substantive contact between the applicant and NRL should not take place prior to evaluation of a WP by NRL. If necessary, NRL will initiate substantive contact.