



**NRL BAA Announcement
#61-15-03**

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 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.

Address White Papers to 6170BAA@nrl.navy.mil. Allow one month before requesting confirmation of receipt of White Paper, if confirmation is desired. Substantive contact should not take place prior to evaluation of a White Paper by NRL. If necessary, NRL will initiate substantive contact.