

## APPENDIX E: CROSS-DIVISION RESEARCH

### E.1 OVERVIEW

The Science Mission Directorate (SMD) sponsors program elements that apply across more than one of its four science research areas as defined in Section I of the *ROSES Summary of Solicitation*. Such cross-division program elements are listed here in Appendix E of this ROSES NRA. At the time of the initial release of this NRA, there are four such programs:

The Applied Information Systems Research (AISR) program (Appendix E.2) seeks innovative ideas for applying advances in information science and technology to increase productivity of SMD research endeavors in Earth Science, Heliophysics, Planetary Science, and/or Astrophysics.

The Origins of Solar Systems program (Appendix E.3) solicits basic research proposals to conduct scientific investigations related to understanding the formation and early evolution of planetary systems and to provide the fundamental research and analysis necessary to detect and characterize other planetary systems.

The Near Earth Object (NEO) Observation (Appendix E.4) program supports investigations whose primary objectives are to inventory and characterize the population of NEOs which may represent a hazard for impacting the Earth with the potential to significantly affect its climate and biosphere. As this is of interest to both the Earth Science and Planetary Science Research Programs, beginning in 2008 this program is solicited as a cross-divisional element between those two divisions.

The Opportunities in the SMD Education and Public Outreach program (Appendix E.5) supports proposals for investigations or projects that use SMD content and support NASA education and public outreach objectives. It solicits proposals that address substantial and substantive educational needs or problems and offer solutions of significant impact.

In celebration of NASA's upcoming 50<sup>th</sup> anniversary, the Space Policy Research program (Appendix E.6) solicits scholarly analyses of U.S. space policy covering all or part of the period 1958-present. The primary purpose of the program is to promote, inform, and inspire the application of policy analysis tools and methods to the study of U.S. civilian space policy.

Any other cross-division programs that are defined during calendar year 2008 will be issued as amendments to this NRA, typically 90 days in advance of their established Proposal Due Dates. Such new programs will be managed by only one SMD Program Officer as designated in the "Summary of Key Information" section that concludes each program element; the Program Officer will be organizationally located in one of the SMD divisions, and all questions may be directed to him/her. At the time of selection, the

designated Selecting Official will consult all of the SMD science divisions that have programmatic interest in the program.

---