

## 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 five 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. AISR will not be competed in 2009.

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 Opportunities in the SMD Education and Public Outreach program (Appendix E.4) 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.

Supplemental Outreach Awards for ROSES Investigators (Appendix E.5) and Supplemental Education Awards for ROSES Investigators (Appendix E.6) are opportunities for Principal Investigators (PIs) of selected research investigations to receive Education or Outreach awards as supplements to their research award. SMD-funded researchers can design an outreach or education effort that capitalizes upon their own talents, interests, and scientific expertise.

Any other cross-division programs that are defined during calendar year 2009 will be issued as amendments to ROSES, 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.

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