

AMENDMENT NO. 3 TO THE NASA RESEARCH ANNOUNCEMENT (NRA) ENTITLED
"RESEARCH OPPORTUNITIES IN SPACE AND EARTH SCIENCES (ROSES) 2011,"
NNH11ZDA001N, RELEASED FEBRUARY 12, 2011

Change of due dates and notice of co-review for [Appendix C.19: Astrobiology Science and Technology for Instrument Development \(ASTID\)](#).

The Astrobiology Science and Technology for Instrument Development (ASTID) program element requests proposals to develop instrumentation capabilities to help meet Astrobiology science requirements on future space flight missions, as well as unique Astrobiology science objectives on Earth. Selected activities are expected to advance the development of scientific instruments or instrument components to the point where the instruments could credibly be proposed in response to future flight opportunity announcements, including instruments that could be accommodated on or in small satellites (under 50kg total spacecraft mass), or as small payloads in support of future science activities associated with missions of human exploration. Note that proposals to build and fly hardware on a specific mission opportunity are not a part of this program element. In addition, the development of instruments for use in future field campaigns is solicited under the [Astrobiology Science and Technology for Exploring Planets \(ASTEP\) program \(see Appendix C.20\)](#).

This amendment notes that proposals to ASTID and the Planetary Instrument Definition and Development Program ([PIDDP; Appendix C.16](#)) will be reviewed together and thus, if identical proposals are submitted to both programs, only one will be reviewed. For the ASTID program the due date for notices of intent has been changed to June 24, 2011, and the due date for proposals has been changed to August 26, 2011.

Questions concerning ASTID proposals may be addressed to:
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