

New NASA Research Announcement NNJ16ZSA001N-SRHHC Space Radiobiology and Human Health Countermeasures Topics

NASA's Human Research Program (HRP) has released solicited research response area NRA NNJ16ZSA001N-SRHHC "Space Radiobiology and Human Health Countermeasures Topics" that solicits applied research in support of HRP goals and objectives. This response area is Appendix E of the Human Exploration Research Opportunities (HERO) NRA (NNJ16ZSA001N).

Proposals are solicited by NASA in the areas of Evaluation of Current Clinical Markers as Surrogate Endpoints for Space Radiation-Induced Cardiovascular Disease; Evaluation of Animal Model Systems and Common Pathways in Understanding Space Radiation-Induced Late CNS Outcomes and Cardiovascular Disease; Approaches to Evaluate Sex Dependence and Quality Effects on Space Radiation Carcinogenesis; Galactic Cosmic Ray (GCR) Simulator Validation Experiments: Dose-Rate Dependence; In-Flight Cognitive and Behavioral Central Nervous System Risks from Space Radiation; and Combined Effects of Simulated Weightlessness and Space Radiation on Cardiovascular Structure and Function. Please note that the last topic is being jointly solicited by HRP and NASA's Space Biology (SB) Program.

Appendix E of the HERO NRA and associated documentation can be found at:
<http://tinyurl.com/SRHHC>

The HERO NRA including all open appendices is available through the NASA Research Opportunities homepage at: <http://tinyurl.com/2016-HERO>

A virtual Pre-Proposers Conference is scheduled for March 31, 2017, and more details will be posted shortly alongside this solicitation on NSPIRES. Appendix E Step-1 proposals are due April 24, 2017. Invited Appendix E Step-2 proposals are due July 17, 2017.

All categories of United States (U.S.) institutions are eligible to submit proposals in response to the NRA. Principal Investigators may collaborate with universities, Federal Government laboratories, the private sector, and state and local government laboratories. In all such arrangements, the applying entity is expected to be responsible for administering the project according to the management approach presented in the proposal. NASA's policy is to conduct research with non-U.S. organizations on a cooperative, no exchange-of-funds basis.

This email is being sent on behalf of HRP and SB and is intended as an information announcement to the research community related to the NASA Human Exploration and Operations Mission Directorate (HEOMD).

Thank you for your continued interest in NASA. Please refer to the solicitation document for contact information.