



**NASA Kentucky EPSCoR
ISS Flight Opportunity 2019
Request for White Papers**

Announcement: RFP-19-005

Release Date: Nov 19, 2019

White Papers Due: Wednesday, December 11, 2019

Submit files online at nasa.egr.uky.edu

NASA Kentucky

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FAQ and additional information available:

nasa.egr.uky.edu/epscor and
nasa.egr.uky.edu/requests-for-proposals

NASA KY EPSCoR ISS 2019 Request for White Papers **NASA EPSCoR ISS Flight Opportunity**

NASA EPSCoR recently opened an ISS Flight Opportunity available to EPSCoR jurisdictions for projects that are mature enough to design a research experiment or develop research experimental hardware for an ISS flight, with little or no additional NASA funding.

The \$100,000 award over 3 years will enable researchers to achieve performance task objectives of the microgravity flight. ISS research integration, up and down flight to ISS, and any allocated use of NASA equipment will be provided by NASA ISS. No cost-share is required. Five proposals are expected to be selected by NASA.

Please submit a 1-2 pg white paper by December 11, 2019 using the guidelines below if you have interest in submitting a proposal to this opportunity. NASA Kentucky will review the white papers submitted and select one to develop for submission by NASA Kentucky as Kentucky's entry in the national competition (program limit is 1 per state). The selected proposal will be due to NASA by Feb 10, 2020.

Carefully review the NASA CAN opportunity notice as listed on the NSPIRES website ([NNH20ZHA002C](#)). Although no cost-share is required, please make note of responsibilities required of the payload developer (Sections 1.5, 2.2, 2.3) and consider the following for eligibility considerations:

Successful research proposals are likely to be those that provide sound contributions to both immediate and long-term scientific and technical needs of NASA as explicitly expressed in current NASA documents and communications, as well as contribute to the overall research infrastructure and economic development of the EPSCoR jurisdiction (Kentucky).

The most competitive proposals will:

- 1) Have no impediment to feasibility
- 2) Be ready to fly in less than 1 year
- 3) Require no crew involvement beyond installation and removal
- 4) Have no power requirements
- 5) Fit within a 3U CubeSat volume (100mm x 100mm x 340.5mm)

Eligibility:

- 1) All institutions of higher education within Kentucky
- 2) No citizenship restriction

White paper guidelines – Please address the following in a 1-2 pg submission:

- 1) Abstract/Project summary, specifically addressing the benefit of a microgravity environment to the research
- 2) Goal and specific objectives of the envisioned experiment
- 3) Description of experiment hardware
- 4) Description of personnel and partners
- 5) Discussion of development efforts required for flight readiness

Please submit white papers by **Wednesday, December 11, 2019 to:**
nasa.engr.uky.edu/requests-for-proposals/submit/

Contact **NASA KY** at 859-323-4542 with questions about this opportunity