

AMERICAN SOCIETY FOR GRAVITATIONAL AND SPACE RESEARCH DECADAL PLANNING

presented to the National Academies

*Committee on Biological and Physical
Sciences in Space*

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ABOUT ASGSR

- Society 501(c)(6)
- 14 member governing board
- 400 member organization
- ASGSR community includes life sciences, physical sciences, technology, flight opportunities, etc
- Ideally positioned to lead white paper development for the Biological and Physical Sciences Decadal planning
- STEAM Foundation 501(c)(3)
- Formed in October 2019
- 5 member governing board
- Focused on tax deductible donations to promote educational opportunities in the field of gravitational research
- Currently have two funded educational awards for students
- Currently have one funded innovation award



ASGSR WELL POSITIONED FOR LEADING BPS COMMUNITY DECADAL PLANNING

- Biological and Physical Sciences Division has moved to the Science Mission Directorate (SMD) at NASA
- The Earth, Heliophysics, Astrophysics, and Planetary Divisions in SMD each have one or more “analysis groups” (LEAG, MEPAG, SBAG, COPAG, etc) that lead community input to relevant decadal
- To date BPS does not have such a community organization
- ASGSR is ready and capable to fill that function for BPS
- ASGSR has communicated an “All Hands on Deck” to members for support
- Dr. Jamie Foster, incoming President of ASGSR has taken the lead on organizing and scheduling workshops in the BPS disciplines



36TH ANNUAL ASGSR HAS GONE VIRTUAL

- November 5-6, 2020 <https://asgsr.org/2020meeting/>
- Plenaries will be livestreamed with Q&A
- Breakout session will be conducted via zoom
- Technical sessions are pre-recorded and will be available to review for 30 days
- Graduate and undergraduate student poster contest
- Art competition
- 480 registered participants



IMPORTANCE OF STUDENT PARTICIPATION

- ASGSR students - multidisciplinary group of science/engineering students across the United States and world who are interested in microgravity sciences
- The students participate in education outreach, political advocacy, and professional development through the framework of the ASGSR
- They offer fresh new ideas and are critical in planning
- Each year ASGSR brings students to Washington, DC for the spring Board meeting where members meet with Congressional, the Administration and government agencies, and other stakeholders to advocate for microgravity research
- They are participating in the decadal planning
- ASGSR celebrating 20 years of student participation in ASGSR