GENERAL INFORMATION

GRAVITATIONAL AND SPACE BIOLOGY BULLETIN (ISSN 1089-988X) is a journal devoted to research in gravitational and space biology. It is published by the American Society for Gravitational and Space Biology, a non-profit organization whose members share a common goal of furthering the understanding of the biological effects of gravity and the use of the unique environment of spaceflight for biological research. The Bulletin is overseen by a steering committee consisting of the Publications Committee, the Bulletin Editor, the President, and the Secretary-Treasurer of the ASGSB. This issue of Gravitational and Space Biology Bulletin was printed at City Press, Tucson, Arizona.

The American Society for Gravitational and Space Biology was created in 1984 to provide an avenue for scientists interested in gravitational and space biology to share information and join together to speak with a united voice in support of this field of science. The biological effects of gravity have been acknowledged since Galileo’s time, but only in this century has gravitational biology begun to attract attention. With the birth of the space age, the opportunity for experimentation over the full spectrum of gravity finally became a reality, and a new environment and research tool became available to probe biological phenomena and expand scientific knowledge. Space and spaceflight introduced new questions about space radiation and the physiological and psychological effects of the artificial environment of spacecraft.

The objectives of ASGSB are:

- To promote research, education, training, and development in the areas of gravitational and space biology and to apply the knowledge gained to a better understanding of the effect of gravity and space environmental factors on the flora and fauna of Earth.
- To disseminate information on gravitational and space biology research and the application of this research to the solution of terrestrial and space biological problems.
- To provide a forum for communication among professionals in academia, government, business, and other segments of society involved in gravitational and space biological research and application.
- To promote the study of concepts and the implementation of programs that can achieve these ends and further the advancement and welfare of humankind.

MEMBERSHIP: The American Society for Gravitational and Space Biology welcomes individual, organizational, and corporate members in all of the basic and applied fields of the space and gravitational life sciences. Members are active in the fields of space medicine, plant and animal gravitational physiology, cell and developmental biology, biophysics, and space hardware and life support system development. Membership is open to nationals of all countries. Members must have education or research or applied experience in areas related to the Society’s purposes: i.e., Doctorate, Masters with 2 years experience, Bachelors with 4 years experience (student members must be actively enrolled in an academic curriculum leading toward a career related to the Society’s purposes), or special appointment by the Board of Directors. Membership applications may be obtained by writing the American Society for Gravitational and Space Biology, P.O. Box 12247, Rosslyn, VA 22219.

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