

# Space and the Biological Economy – Driving the Lift



**W**ith a greater emphasis being placed upon fully understanding the physical effects of human space exploration, and with greater use of the International Space Station to study essential biological and medical processes, it is important that we discuss how space exploration drives the United States' biological economy, and what the advances in telemedicine and life and biological sciences gained from the space program mean to our nation's long-term economic and physical health.

## Moderator:

**Dr. D. Marshall Porterfield,**  
*Professor of Biological Engineering and University Faculty Scholar,  
Co-Director, Physiological Sensing Facility, Purdue University*

## Panelists:

**Dr. Mark G. Janczewski,**  
*M.D., M.P.H., M.A., FAAFP, Former Chief of Telemedicine, U.S. Department of Defense*

**Dr. Bert G. Drake,**  
*Senior Research Plant Physiologist, Emeritus, Smithsonian Environmental Research Center*

**Dr. Jay Garland,**  
*Chief Scientist, Dynamac Corporation*

**Dr. Erika Wagner,**  
*Executive Director, X Prize Laboratory, Massachusetts Institute of Technology*

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Organized by:



**Thursday,  
September 16,  
2010**

**1:00–4:00 pm**

**Room 2325  
Rayburn House  
Office Building**

