

Peggy Park

Origins of Stars and Planets, Org 3262

Education

Master of Business Administration, University of Redlands (2006)

BS in Biochemistry, University of Maryland (1975)

Current Roles

Peggy Park has focused on supporting Exoplanet Exploration Technology Coronagraph (ExEP-C) / High Contrast Imaging Testbed team and its Principal Investigator, Dr. John Trauger, to ensure the testbed has maximum chance of reaching its science and technology goals within allocated schedule and budget.



Peggy's current focus is to make contribution to bringing future medium-size exoplanet mission (~\$800M in FY09\$ including launch vehicle) to JPL by coordinating and managing at the junction of science, engineering and business. She serves as a Study Manager for ASMCS (Astrophysics Strategic Mission Concept Study) / ACCESS (Actively-Corrected Coronagraph for Exoplanet System Studies) to maximize the science and engineering development within available resources and enables the greatest flexibility for the scientists and engineers to achieve their tasks. She makes detailed plans to accomplish the team's goals and identifies technical and programmatic problems preventing the completion of team's tasks. She assists Dr. John Trauger, the PI for ACCESS, in determining scientific and technical goals within broad outlines provided by Exoplanet Exploration Program Office, Astrophysics and Heliophysics Formulation Office, and Astronomy and Physics Directorate.

Peggy supports JPL's Center for Exoplanet Science and its Director, Dr. Wes Traub, to provide resources to researchers in the study of exoplanet science and to enhance JPL's leadership in exoplanet science and technology.

Area(s) of Research

- High contrast imaging for direct detection of extrasolar planets
- Key technology for wavefront sensing and control

Other Professional Activities

- Helped to organize:
 - Coronagraph Workshop, Pasadena, September 2006
 - Exoplanet Forum, Ames Research Center, May 2007
 - Exoplanet Fair, JPL, February 2008
 - Exoplanet Forum, Pasadena, May 2008
 - Missions for Exoplanets 2010-2020, Pasadena, April 2009

Selected Exoplanet Exploration Special Sessions:

Trauger, J.T., with the ACCESS Science and Engineering Team (**Peggy Park** included in the team), ACCESS Activity RFI is selected by Astro2010's Program Prioritization Panels (PPP) to present specific issues at AAS, Pasadena, June 2009.

Trauger, J.T., with the ACCESS Science and Engineering Team (**Peggy Park** included in the team), 2008, "ACCESS – a science and engineering assessment of space coronagraph concepts for the direct imaging and spectroscopy of exoplanetary systems:

AIAA Space 2008 Conference, San Diego, 10 September 2008;

AAS Conference, Long Beach, 8 January 2009;

Beyond JWST Conference, Space Telescope Science Institute, 26 March 2009;

Missions for Exoplanets 2010-2020, Pasadena, 21-23 April 2009.