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NASA Goddard Space Flight Center Team Wins Award

The Mid-Atlantic Region of the Federal Laboratory Consortium this year presented a Regional Excellence in Technology Transfer Award to a NASA GSFC team for its work on GPS-Enhanced Onboard Navigation System. Honored were Russell Carpenter, Cheryl Gramling, Mike Moreau, Bo Naasz, Kathy Hartman and Mark Beckman.

GEONS (Enhanced Onboard Navigation System) is flight software that provides onboard orbit determination and control in real time, with higher accuracy, without human intervention, and working within limited computing resources. It substantially improves definitive and predictive accuracy of GPS receiver point solution fixes. Ball Aerospace and Technologies Corporation signed a licensing agreement in 2001 and is incorporating GEONS into Cloud-Aerosol Lidar and Infrared Pathfinder Satellite Observations to provide data on cloud structure, heights, and distribution, enabling observationally-based assessments of the radiative effects of aerosol and clouds to greatly improve our ability to predict future climate change. Another licensee, Orbital Sciences, incorporated is using GEONS in a NASA-sponsored satellite mission addressing long-term climate change, atmospheric ozone, and UV-B radiation.

One of the most coveted awards in the field of technology transfer, the FLC awards for Excellence in Technology Transfer recognize laboratory employees who have accomplished outstanding work in the process of transferring Federally-developed technology to the marketplace. The award was made on September 16 at the region's annual meeting.

The Federal Laboratory Consortium is comprised of the technology transfer offices of all of the Federal laboratories throughout the country while its Mid-Atlantic Region focuses on the 70 Federal laboratories in DC, DE, MD, PA, VA and WV.