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NASA Goddard Space Flight Center Scientist Wins Award

The Mid-Atlantic Region of the Federal Laboratory Consortium this year presented the Regional Excellence in Technology Transfer Award to James C. Tilton for his work on "Recursive Hierarchical Segmentation Pre-processing Engine: For Analyzing Imagery Data."

Dr. James Tilton developed the technology over a period of 20 years for use in remote sensing. In 2002, NASA's Goddard Space Flight Center issued a nonexclusive license for this software to Bartron Medical Imaging, LLC, a small minority-owned, high technology company. Bartron has since developed a product for use in medical imaging and has reported that the RHSEG Pre-processing Engine enabled the company to successfully analyze and extract meaningful and significant features from grayscale data that was previously indistinguishable by the human eye. In July 2003, the University of Connecticut School of Dental Medicine purchased this device. Preliminary studies indicate potential for dramatic improvements in diagnosing osteoporosis.

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.