

## APS

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Commenting on Hammett, PPPL Chief Scientist and Theory Department Head Bill Tang said, "Greg Hammett is internationally recognized for key contributions which have led to significantly improved understanding of transport phenomena in magnetically confined plasmas. He has also been highly successful in attracting and training excellent young scientists in the plasma sciences by

guiding research areas which are both intellectually stimulating and practically relevant. Greg's advancement to APS Fellowship is well deserved recognition for his outstanding productivity."

Steve Jardin, Deputy Head of PPPL's Theory Department, said of Park, "We are very fortunate to have Dr. Park on our staff. The three-dimensional simulation model he has developed is the most complete one in existence, and it has already helped us significantly in our quest towards the realization of fusion energy as a practical power source." ●

## Patent Issued for Steve Paul's Alternative Fuel



**T**he U.S. Patent and Trademark Office recently issued a patent to Princeton University on a substitute for gasoline developed by PPPL physicist Steve Paul. The gas substitute is called P-series and the patent issued is entitled "Alternative Fuel." Pure Energy Corporation holds the exclusive worldwide license to manufacture and distribute the alternative fuel.

The fuel, which is non-petroleum and as much as 70 percent renewable, is designed to operate in existing flexible fuel vehicles. P-series is a unique blend of ethanol, natural gas liquids, and a co-solvent. Both ethanol and the co-solvent can be derived from renewable resources

such as cellulosic biomass. Use of the fuel as an alternative to gasoline will contribute to significant reductions in greenhouse gases and lower tailpipe emissions.

Pure Energy Corporation, with offices in New York and California, is a privately funded company. In 1996, Paul (at left in above photo) conducted emissions tests on his car as it ran on the alternative fuel. Next to Paul is Robert DePalma of Compliance and Research Services, an Environmental Protection Agency-recognized emissions testing laboratory in Linden, New Jersey. ●