

**Award of STTR Grant
From
Air Force Office of Scientific Research**

October, 2006.....The Air Force Office of Scientific Research (AFOSR) has announced the selection of APJeT to receive an STTR grant for the development of atmospheric plasma systems and processes for surface modification applications. Specifically, APJeT's proposal titled "Material Surface Properties Modifications by Non-equilibrium Atmospheric Pressure Plasma Processing" was approved for a two year award totaling \$700,000.

Dr. Gary Selwyn, the inventor of the atmospheric pressure plasma system will lead the development effort as APJeT's principal investigator. This work is a follow on to an STTR phase one development program which was completed earlier in the year. Dr. Selwyn stated, "We are pleased that the AFOSR has approved our proposal". "We anticipate that this award will allow us to complete the development of the use of plasma systems to treat textiles and other surfaces." North Carolina State University's College of Textiles will assist APJeT in the execution of the STTR project.

The Department of Defense (DoD) SBIR and STTR programs fund a billion dollars each year in early-stage R&D projects at small technology companies -- projects that serve a DoD need and have commercial applications.

The STTR Program provides up to \$850,000 in early-stage R&D funding directly to small companies working cooperatively with researchers at universities and other research institutions.

- Small companies retain the intellectual property rights to technologies they develop under these programs.
- Funding is awarded competitively.

APJeT, founded in 2003, is a Santa Fe, NM based company that is developing environmentally friendly, low energy consuming, low cost processes for the treatment of textiles. Plasma processes can provide textiles with such characteristics as water and stain repellency, moisture management (wicking), flame retardancy, anti-microbial and UV blocking.