

# ***Newsletter*** Office of Sponsored Programs (OSP)

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MSC – Office B-622

(787) 758-2380

Information disseminated by the Division of Sponsored Programs Development (DSPD), Ext. 1749.

**DOD (Air Force) has some set asides for HBCU/MI for research on the following areas:**

- a. Relational Modeling Tools for Improved Battlespace Awareness
- b. Generating Pictorial Representations of Meaning from Linguistic Input
- c. Training Interventions for Flight Training Devices
- d. Identifying Multiword Expressions and Constructions in Language
- e. Assessing and Modeling Cultural and Group Differences in Decision Making
- f. Characterization of Tissue Optical Properties
- g. Investigating Human Response to Radiofrequency Energy Using Medical Imaging: Developing a Foundation of Parameters
- h. Theoretical Methods for Assessment of Laser-Tissue Interactions
- i. Computed Tomography: Subcutaneous Thermal Mapping
- j. Modeling Visual Performance and Color Appearance in Mesopic Conditions
- k. Bioeffects of Radio Frequency Radiation Exposure - Dielectric Properties for Tissue in the Terahertz Range
- l. Is F-T Jet Fuel a Dermal Irritant or Less so than JP-8?
- m. Characterization of Human Body Shape Using Wavelets/Curvelets
- n. Automatic 3-D Body Shape Extraction from Multi-source Sensor Data
- o. Assessment of Biocompatibility and Toxicity of Engineered Nanomaterials Based on their Physico-chemical Principles
- p. Intra-Urban Tracking of Insurgents