

AIAD #10846

Research Opportunity: Both Cadet and Faculty

ORGANIZATION/PROJECT SPONSOR

Organization: ARL-ARO

Organization POC: Dr. Pani Varanasi

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Location of Sponsoring Directorate or Division: Research Triangle Park, NC

PROJECT

Title: Composite films consisting of metal oxides and carbon nanostructures

Description: The student or faculty will work on a materials science project involving composite films consisting of metal oxides and carbon nanostructures, for developing next-generation super-capacitors/Li ion batteries to provide portable power to the warfighters in battlefields. Research will be conducted at the Army Research Office in Research Triangle Park, NC.

ARL/Army Benefit: This project will help to develop future applications such as portable power to the warfighters.

Background Required: Chemistry, Physics, Material Science

Security clearance required: None

Capacity: One

Duration: 3-4 weeks

Block Preference: All dates are currently available.