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Subject: New Project Proposal Submission
Date: Thursday, May 28, 2009 1:33:26 PM

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Department:	PERC
Title:	Synthesis of Titania Flake Particles for Obscurant Applications
Problem:	Development of a method for synthesis of flake Titania particles.
Approach:	Produce particles using a continuous system and characterize the result. Optimize process for a desired output.
Techniques/Equipment:	Particle Sizing Instrumentation, Imaging
Systems and Materials:	Particle Synthesis Processes
Goals:	Fully investigate a method of producing Titania flake particles with surface modifications.
Relevant Industries/Applications:	Paints/Pigments/Powders/Military
Number of Students Requested:	1
Time Commitment:	10
Semesters Required to Complete Project:	2+
Will this Project Satisfy Senior/Honor Research Requirements in your Department?	Yes
If not, Can the Scope of this Project be Expanded to Meet Senior/Honor Research Requirements?	Yes