



<i>Project Title:</i>	<i>Hydrothermal synthesis of metal oxide/sulfide nanostructures for use in lithium-ion batteries and photocatalysis</i>
<i>Project Short description</i>	The project will focus on hydrothermal synthesis of nanostructured metal oxides/sulfides and their use as electrode materials in lithium-ion batteries and photocatalysis. The candidate will work on the optimization and characterization of the synthesized nanostructures. S/he will collaborate with the senior researchers in the group on the fabrication of lithium-ion batteries.
<i>Expected Start/end date</i>	
<i>Required degree and Background knowledge of students, minimum gradepoint average, etc...</i>	Bachelor degree in chemistry or materials science and engineering or other relevant field is required. The candidate should have basic knowledge in materials chemistry/physical chemistry. The candidate should be self-motivated and have enthusiasm for work. Good communication skills are also required.

Supervisor at INL

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