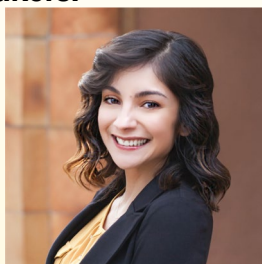




**Speakers:**



**Ariana Ocampo Strand**



**Alessandro Rupp**



**Dr. Haosen Wang**



**Reta Betar Farah**

**When:**

**Friday, April 1  
1:00 pm**

**Where:**

**GLNN 314**

# **Chemistry and Biochemistry**

## **Spring 2022 seminar**

Please join us for the following seminar!

### **Processing and Characterizing Nanomaterials for use in Lithium-Ion Batteries and More!**

Nanomaterials truly have the promise to revolutionize the world around us. When Andre Geim and Kostya Novoselov won a Nobel prize in 2010 for the discovery of graphene, people quickly envisioned the endless possibilities: space elevators, transparent cellphones, electric cars that can charge instantly, you name it. Time has shown, however, that there is more nuance to the picture. The cost effectiveness of nanomaterials has limited their use due to engineering challenges in production, so as production methods improve, nanomaterials will suddenly become not only viable but game changing. At Nanotech Energy, not only can we produce copious amounts of nanomaterials, our in-house extensive characterization allows an understanding of the nanostructure relationship between processing and performance. This information allows us to incorporate our graphene and other nanomaterial products into applications such as batteries, rf shielding, inks, and much more!

**Reta and her team will be recruiting for  
Nanotech Energy after the seminar at 2 pm.  
Bring your resume!**