

The Department of Chemistry and Biochemistry

Seminar Series

Presents a Seminar Entitled:

***“Growth and Potential Applications of Millimeter Long
Fibrous Red Phosphorus Nanowires”***



Presented By

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I will present the growth of ultra-long 1D red phosphorus nanowires (>1mm). Raman spectra and XRD characterization suggested these crystalline nanowires belong to red phosphorus. I-V curves suggest these nanowires are semi conductive with a similar mobility as black phosphorus. The potential applications of the nanowires will also be discussed.

Friday, December 9th 2016 at 2:00 p.m. in OCNPS 200