

Major: Biology

Poster

Faculty Mentor(s): Brian Bellott

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Iron (III) sulfide is a known iron binary, but currently all known structures of iron (III) sulfide degrade slowly at room temperature. The purpose to this work is to see if a stable form of iron (III) sulfide can be synthesized by high temperature solid state methods. This poster will discuss the process of synthesizing the material and the characterization methods currently used to determine if iron (III) sulfide has been synthesized.