

# Chemistry Seminar

**“Organic Chemistry - part of a sustainable future”**

**Dr. Gregory Cook**

Dept. of Chemistry & Biochemistry  
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*Monday, Oct. 12*

*12:00 p.m.*

*WSB-122*

## **Abstract:**

Twenty five years after Araki and Butsugan reported the first indium mediated allylation reaction in water, our fundamental understanding of the nature of the organometallic reagent in this process remains murky. Recent discoveries in the Cook group have opened up the doors to a practical, scalable and cost effective synthetic methodology that will help bring environmentally sustainable chemical processes to industry.

This seminar will detail the developing In- and Bi-mediated carbon carbon bond formations in biorenewable solvents. A focus on a mechanistic understanding of the process will be presented.

Dr. Cook will meet with students in WSB-344 at 1:00 p.m.