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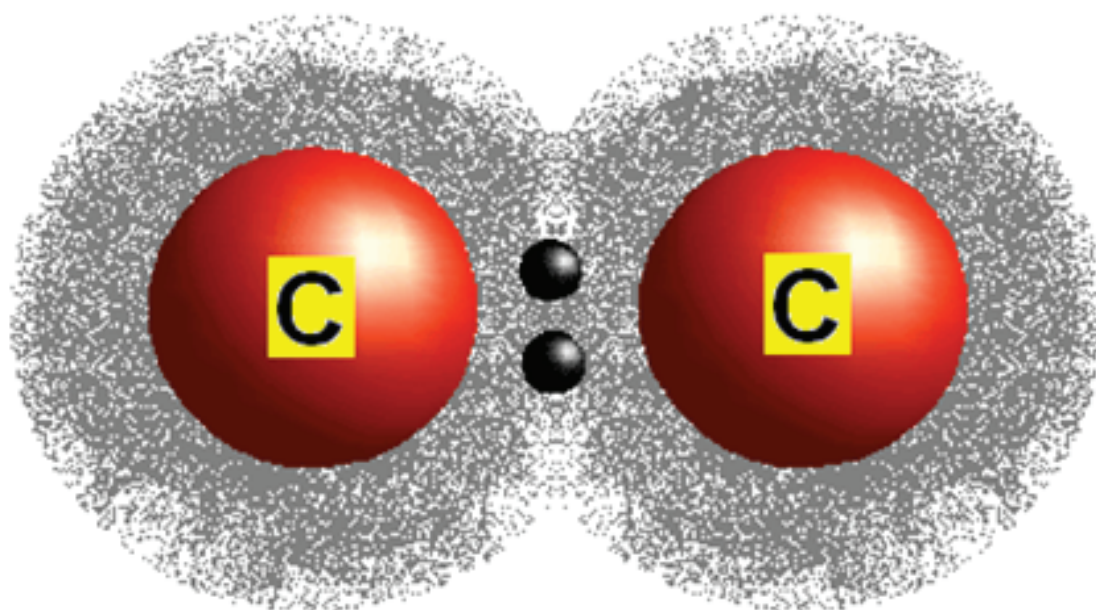
**CHEMISTRY**

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CHEMISTRY SEMINAR

**Jeffery Cannon, Ph.D.**  
Occidental College

# **New Methods for Carbon–Carbon Bond Formation**



Aliso Hall  
Room 150

1PM, Friday  
September 28,  
2018

Free & open  
to the public

Abstract:

Catalytic and stereoselective methods for the construction of carbon-carbon bonds is a persistent pursuit of synthetic organic chemistry. Our group seeks to develop new reactions for the rapid synthesis of complex structures, with a special focus on biologically privileged structures. With a special emphasis on stereoselectivity, we have discovered auxiliary-directed and photocatalyzed methods for the construction of carbon-carbon bonds for the synthesis of amino acids and oxabicyclo[3.3.0]octanes. We anticipate that this new reactivity could be applied to the rapid total synthesis of biologically active natural products.

Hosted by CSUCI  
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