



演 題 : **Dual-Metal Reactions with Gold
& Microscopy for Synthetic Chemists**

講 師 : **Prof. Suzanne A. Blum**
University of California, Irvine, USA

日 時 : 2013 年 12 月 2 日 (月) 16:30~18:00

場 所 : 理学部 7 号館 310 講義室

要旨 :

Our research program is the mechanistic study of catalytic reactions, producing fundamental insights that lead to the development of new reactions and the improved selectivity of known reactions.

Within this program, we have two main research thrusts: The first thrust is the development and fundamental study of dual-metal reactions, whereby two metals (or metalloids – i.e., boron) are employed to create new chemical bonds for organic synthesis; these reactions can be catalytic in both metals or catalytic in one and stoichiometric in the other. The second thrust is the development of fluorescence microscopy tools to revolutionize the tools for studying chemical reactions important to the field of synthetic chemistry and catalysis.

本講演は、大学院総合化学院『化学研究先端講義／総合化学特別研究第二』の一部として認定されています。

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