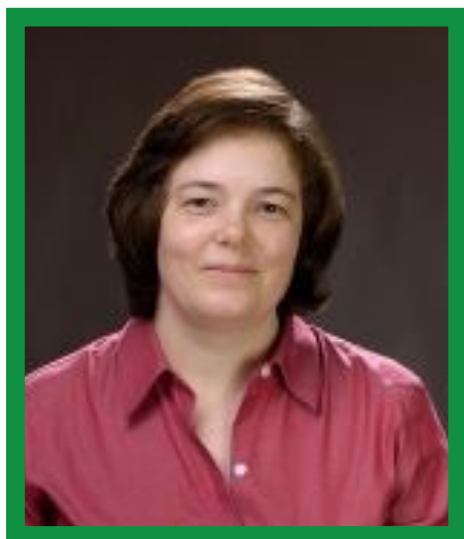


Conférence CCVC • CGCC

Centre en chimie verte et catalyse
Centre in Green Chemistry and Catalysis



PROFESSEURE MARISA KOZLOWSKI

Department of Chemistry
University of Pennsylvania

“ OXYGEN-DRIVEN FRAGMENT COUPLING BY ACTIVATION OF C-H, N-H, AND O-H BONDS ”

Résumé : Inspired by Nature's use of oxidative couplings to construct carbon-carbon, carbon-oxygen, and carbon-nitrogen bonds in many natural products, we have undertaken studies of these important transformations. The development of selective catalytic processes for naphthol coupling, phenol coupling, *N*-arylation, and alkyl C-H activation that utilize oxygen as the terminal oxidant will be discussed. Applications to the synthesis of chiral natural products including nigerone, hypocrellin, cercosporin, and bisoranjidiol as well as to the synthesis of novel optically active materials will be presented.

- > Lundi 7 mars 2016
- > 11:00
- > Salle **N-615**
Pavillon Roger-Gaudry

> **BIENVENUE À TOUS !**

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