

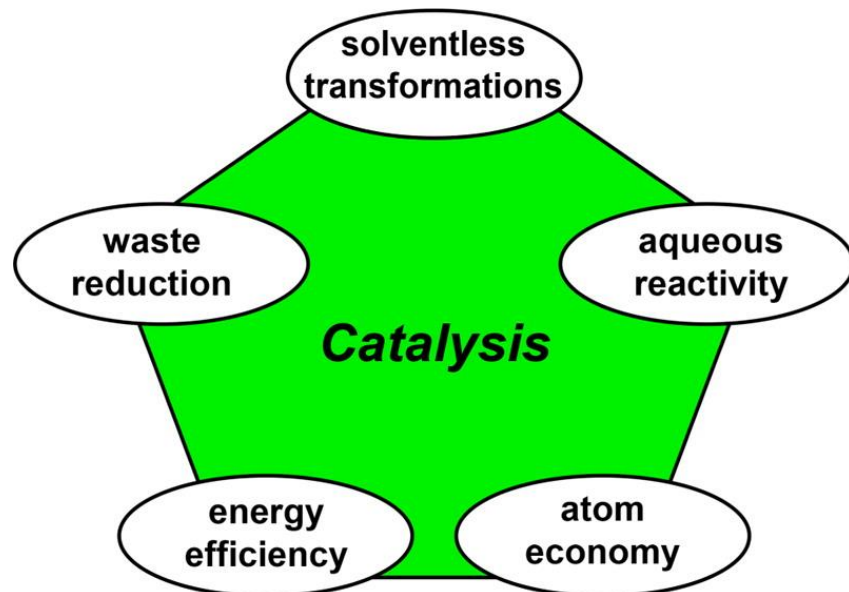


Chemical & Physical Sciences
UNIVERSITY OF TORONTO
MISSISSAUGA

COLLOQUIUM
TUESDAY, 2 DECEMBER 2014
12:00 NOON – 1:00 PM
IB280

Dr. Andrew P. Dicks
University of Toronto

The State of Green Chemistry Education in Canada



This presentation focuses on the nature of contemporary green chemistry instruction and outreach at post-secondary institutions in Canada. An overview of work at a regional scale will firstly be discussed, along with instructor and student perspectives gained from detailed surveys. Time will then be spent outlining more specific activities incorporated into the undergraduate curriculum at the University of Toronto. These include lecture and laboratory exercises embedded in second- and third-

year organic chemistry courses, some of which involve problem-solving and decision-making on an individualized basis. A novel and successful capstone course focusing on principles and applications of catalysis within the realm of synthetic chemistry will be described. Finally, the role of a graduate student-run organization (the University of Toronto Green Chemistry Initiative: www.chem.utoronto.ca/green) will be highlighted, in terms of educating the university population about application of the Twelve Principles of Green Chemistry.