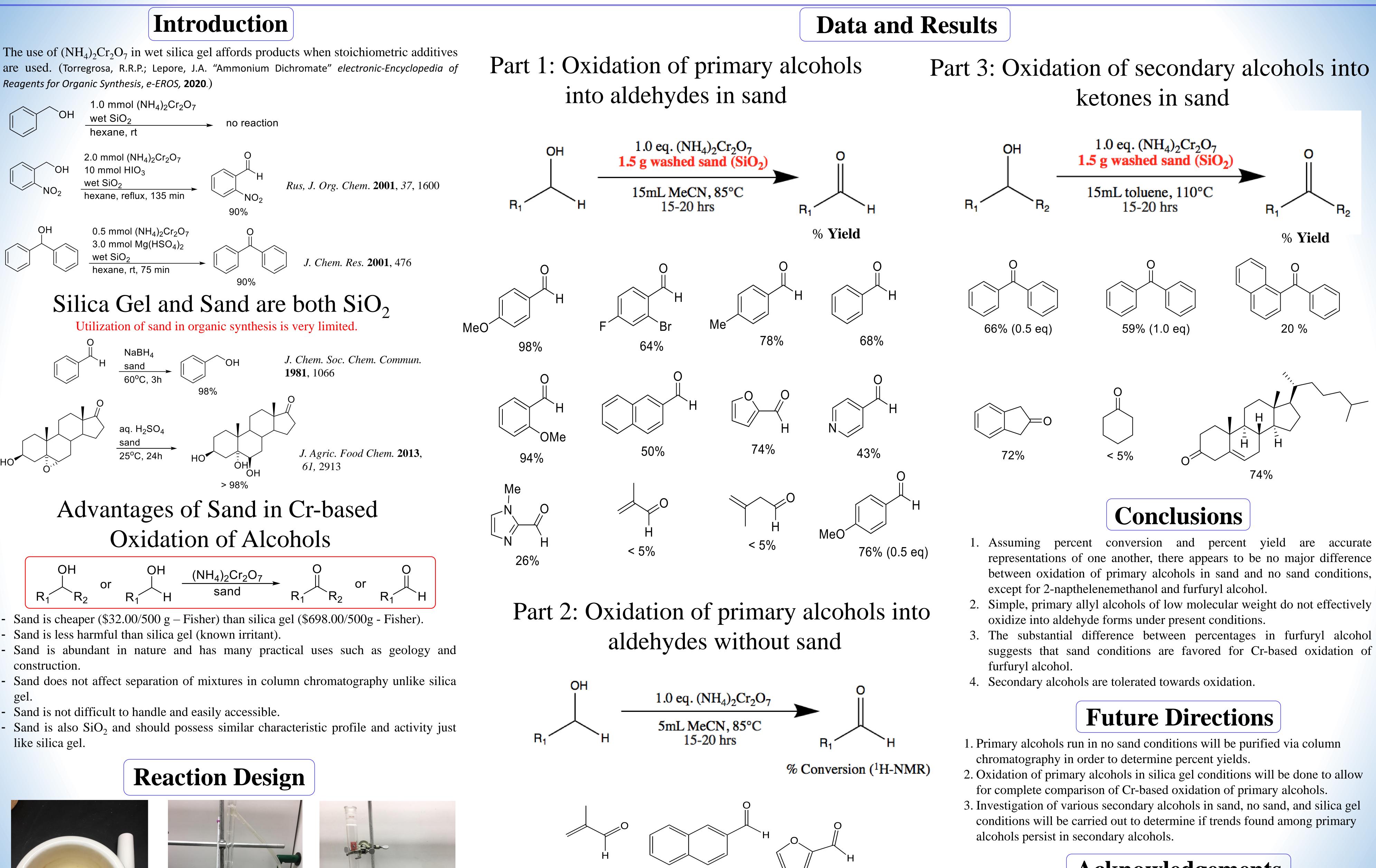


John Lepore, Emily Toy, David Keeley, Elizabeth Merges, Jasmine Uralil, Stephanie Alvarez, Katelynn Dux, Theresa Lam, Dr. Robert Torregrosa Department of Chemistry, State University of New York at Geneseo, Geneseo, NY 14454



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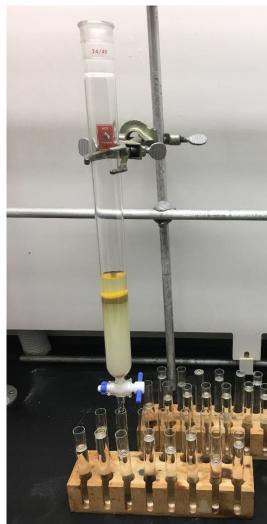
82.0%



Grind $(NH_4)_2Cr_2O_7$ (orange) and washed sand to produce yellow mixture for 15 min



Add the alcohol to the ground Cr-SiO₂ in a flame-dried flask with solvent for reflux



Purify crude material from reflux by column chromatography

Developing Oxidation of Alcohols in Sand

HS、

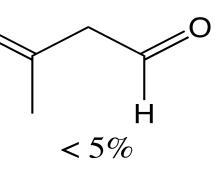
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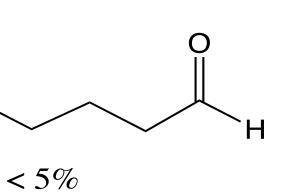
96.6%

32.4%

39.2%

26.8%





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