

# CHEMSEM NEWS I, Fall 2014

## Halogen Photochemistry in a Changing Arctic Climate



**Dr. Kerri Pratt**

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**D**r. Kerri Pratt, is assistant professor in the Department of Chemistry and Department of Earth & Environmental Sciences at the University of Michigan, Ann Arbor. Her group's environmental and analytical chemistry research focuses on mass spectrometry studies of the interactions of atmospheric trace gases, particles, clouds, and precipitation with biosphere and cryosphere.

Dr. Pratt completed her bachelor's degree in Chemistry at Pennsylvania State University, doing research with Prof. Karl Mueller involving NMR studies of perfluorinated molecules. She then received a Ph.D. in Chemistry from the University of California, San Diego, doing research with Prof. Kim Prather involving development of an aircraft single-particle mass spectrometer and atmospheric particle chemistry studies.

Afterward, Dr. Pratt completed postdoctoral studies at Purdue University with Prof. Paul Shepson and studied biogenic trace gases and Arctic snowpack photochemistry using modeling and mass spectrometry.

View a video of Dr. Pratt doing research in Alaska: <http://vimeo.com/67918840>

For more pictures and descriptions view: <http://prattlab.blogspot.com/>

ANDREWS UNIVERSITY CHEMISTRY & BIOCHEMISTRY

HALENZ HALL AMPHITHEATER (Thursday, September 4, 4:30 pm)