

## RISE talks\* ...

- Who?** Ryan Hinrichs, Associate Professor
- What?** Airborne particulates and their impact on Earth's atmosphere and climate
- When?** 12:00-1:00 on November 22\*\*
- Where?** Hall of Sciences, Room 326
- Why?** Particulates suspended in the lower atmosphere have a significant impact on air quality and Earth's climate. The exact nature of this impact (e.g., cooling versus heating the planet) depends on the chemical composition of these particulates, which can change as the particles age via reactions with gaseous pollutants. The Hinrichs research group uses well-defined laboratory models to understand the atmospheric chemistry of airborne particulates and to assess how this chemistry affects their climate-relevant physical properties.

\*An occasional series of talks open to all

\*\*Feel free to bring your lunch