

Serena Chung  
Research Assistant Professor  
Laboratory for Atmospheric Research



**Bio at a glance:**

- Grew up in Maryland (2 yrs), Taiwan (9 yrs), Nebraska(1 yrs), & Memphis (6 yrs)
- Chemical “Engineer” by training
  - BS in 1998 from University of Illinois at Urbana-Champaign
  - MS (2001) and PhD (2005) from California Institute of Technology
- Came to WSU in 2007 after a two-year stint at NOAA Aeronomy Lab in Boulder, Colorado

**Research Projects:**

- Aerosol radiative forcing and its impact on meteorology and global climate
- Impact of climate change on regional air quality
- Impact of climate change on pollen release and asthma incidence
- Incorporating agricultural wind-blown dust emissions into regional air-quality models
- Improving parameterization of secondary organic aerosol modeling
- Characterizing optical properties of atmospheric soot particles
- Development of aerosol dynamics and chemistry model for forest canopies