

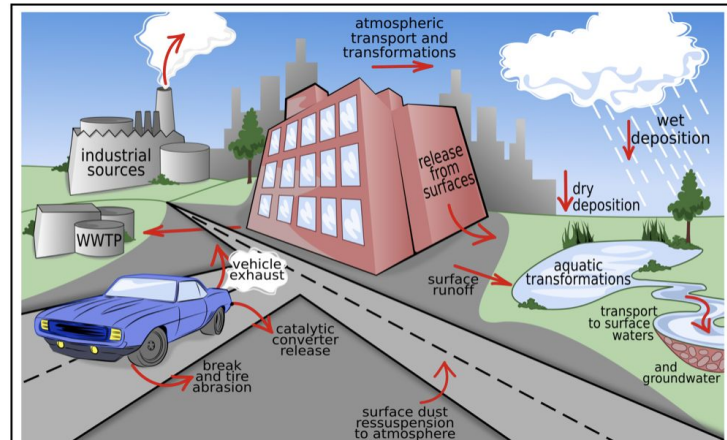
# Professor Marina Vance



*Assistant Professor in the  
Department of Mechanical Engineering  
at the University of Colorado*

## Education:

- Ph.D., Civil and Environmental Engineering - Virginia Tech
- B.S, M.S., Sanitation and Environmental Engineering- Universidade Federal de Santa Catarina



- Sources and pathways of outdoor urban nanomaterials in the environment -

Source: <https://www.colorado.edu/lab/vance/research>

## Take classes with her in:

- Nanotechnology for Environmental Sustainability
- Mechanical Engineering Design Project 1 & 2
- Air Pollution Control

**Research Focus:** Creating tools and strategies to control and characterize emission of aerosols from everyday sources both indoor and outdoor to decrease exposure (with a special focus on children, elderly and other vulnerable populations). This application leads to helping create consumer products that are “safer by design”.

**Research Topics:** Aerosols study, physical and chemical characterization, air pollution measurements, human exposure, nanomaterial release from products