

Our research group works on aerosol chemistry and air pollution issues. We are studying the chemical composition, exposure risks, and sources of atmospheric particles. Our work includes many local air quality studies in Arizona and the Southwest, including haboob dust storms. We are currently working on collaborative projects to study the impact of dust suppression approaches. We are also involved in collaborative research to characterize the aerosols in Valley Fever hotspots to improve our understanding of their sources and the potential for exposure through the air.