



National Exposure Research Laboratory

Office of Research and Development



EPA Team Members

- **Russell Long – Co PI**
 - Ground level in situ measurements
 - NO_2 , NO_x and NO_y
 - O_3
 - Other trace gases
 - PM (If needed)
- **Rachelle Duvall – Co PI**
 - Small sensors
 - Citizen science, and EPA outreach
- **Jim Szykman**
 - Pandora – column NO_2 , O_3 and HCHO
 - Ceilometer – MLH
 - QC laser HCHO
- **Dave Williams**
 - Dual QC laser N_2O isotopes (If needed)
- **Luke Valin**
 - EPA post-doc – role TBD
- **Travis Knepp**
 - O_3 sondes
 - QC laser HCHO
- **Keith Kronmiller**
 - Data acquisition
 - Site set up and automation
 - Instrument support and troubleshooting