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Meeting Presentations and Conference Proceedings

Kramer S.J., Huang S., Chaveste M.R., McClure C., and Lurmann F. (2023) Public Health Impact of Prescribed Fire (PHIRE) study – baseline and projected prescribed fire smoke exposures in California. Presented online as for the *AGU Atmospheric Science Section Early Career Committee for Science Seminar on Igniting Early Career Wildfire Studies, August 22,* by Sonoma Technology, Petaluma, CA. STI-7806.

Pavlovic N.R., King D.H., Mukherjee A.D., Cavallaro A.M., Lurmann F.W., and DeWinter J.L. (2023) Use of Air Quality Sensor Data in Data Fusion Applications for Current and Forecast Air Quality Mapping. Presented online at the *EPA Air Sensor QA Workshop, July,* by Sonoma Technology, Petaluma, CA. STI-7944.

Kramer S.J., Huang S., Chang S.Y., Huang J., Padula A., and Lurmann F. (2023) Exposure to $PM_{2.5}$ and ozone pollution from wildfire and prescribed fire by demographics in California. Presentation given at the *103rd AMS Annual Meeting, Denver, CO, January 12,* by Sonoma Technology, Petaluma, CA, and the University of California, San Francisco, San Francisco, CA. STI-7807.

Mukherjee A., King D., Pavlovic N., Cavallaro A., Lurmann F., and DeWinter J. (2023) Evaluation of three computationally-efficient, high-resolution bias-correction methods for real-time modeled $PM_{2.5}$ concentrations. Presented at *American Meteorological Society (AMS) Annual Meeting, January 11,* by Sonoma Technology, Petaluma, CA. STI-7843.

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Mukherjee A., Pavlovic N., Cavallaro A., Lurmann F., DeWinter J., and King D. (2022) Evaluation of a novel approach to estimate $PM_{2.5}$ concentrations at high spatial resolution during smoke episodes by fusing low-cost sensor and reference monitor observations with chemical transport model forecasts Poster presented at the *American Geophysical Union (AGU) Conference, Chicago, IL, December 12-16,* by Sonoma Technology, Petaluma, CA. STI-7772.

Huang S., Kramer S., Chaveste M., McClure C., and Lurmann F. (2022) Public Health Impact of Prescribed Fire (PHIRE) Study – baseline and projected prescribed fire smoke exposures in California. Presented at the *CAL FIRE Forest Health Research Program Grantee Webinar, November 10*, by Sonoma Technology. STI-7813.

Huang J., Chang S.Y., Huang S., and Lurmann F. (2022) Understanding the contributions of different types of biomass combustion to ambient PM2.5 in the U.S. using CMAQv5.3.3. Poster presented at the *American Association for Aerosol Research (AAAR) conference in Raleigh, North Carolina, October 3-7,* by Sonoma Technology, Petaluma, CA. STI-7792.

Huang J., Chang S.Y., Huang S., and Lurmann F. (2022) Understanding the contributions of different types of biomass combustion to ambient $PM_{2.5}$ in the U.S. using CMAQv5.3.3. Poster presented at the *21th Community Modeling and Analysis System Conference, Chapel Hill, North Carolina,* by Sonoma Technology, Petaluma, CA. STI-7792.

7789Pavlovic N.R., Lurmann F., Li L., Breton C., Wu J., Ritz B., and Habre R. (2022) Transportation-related emissions surrogates support modeling of oxides of nitrogen exposure. Poster presented at the *International Society of Environmental Epidemiology 34th Annual Conference, Athens, Greece, September 18-21, 2022*. STI-7787.

DeWinter J., Pavlovic N., Mukherjee A., Churchman L., Cavallaro A., Brown S., and Lurmann F. (2022) Evaluation of high-spatial-resolution air pollutant concentration and AQI estimates across the U.S. by fusing low-cost and reference monitor observations with chemical transport model forecasts Presentation given at the *Air Sensors International Conference, May 13, 2022, Pasadena, CA,* by Sonoma Technology, Petaluma, CA. STI-7627.

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Trimester Fetal Weight and Abdominal Circumference within the MADRES Cohort. Poster presented at the *2022 Society for Epidemiologic Research (SER) Annual Meeting, Chicago, IL, June 14-17*.

Miller D.J., Pavlovic N.R., and Lurmann F.W. (2021) Weekly airport NOx emission trends and NO2 exposure implications during the COVID-19 pandemic in California. Poster presented at the *AGU Fall Meeting, New Orleans, LA, December 13-17,* by Sonoma Technology, Inc., Petaluma, CA. STI-7606.

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Pavlovic N.R., Li L., Girguis M., Lurmann F., McClure C., Franklin M., Wu J., Oman L.D., Breton C., Gilliland F., and Habre R. (2021) Use of wildfire smoke indicators in health exposure research: high spatial resolution mapping of $PM_{2.5}$ in California. Poster presented at the *International Society of Exposure Science Annual Meeting (ISES 2021), August 30-September 2,* by Sonoma Technology, Petaluma, CA. STI-7580.

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Chang S.Y., Craig K., and Lurmann F. (2021) An environmental data web service based on near road dispersion modeling to support the Los Angeles Pediatric Research Integrating Sensor Monitoring Systems (PRISMS) Informatics Center. Presentation *International Society of Exposure Science, virtual conference*. STI-7589.

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