

**NOAA Atmospheric Chemistry, Carbon Cycle and Climate (AC4) FY20 competition awards**

#	Investigators	Project title	Institution(s)	Project period	Project amount
1	Alexander, Becky	Wintertime sulfate production mechanisms in Fairbanks, Alaska	U. of Washington	09/2020-08/2023	\$559,046
2	Commane, Roisin; Reimann, Andrew; Mak, John	Quantifying the impact of biogenic and anthropogenic fluxes on the atmospheric composition of the New York City Metro Area	Columbia U.; CUNY, Stony Brook U.	09/2020-08/2023	\$753,994
3	Gaston, Cassandra; Pratt, Kerri	Wintertime Halogen Chemistry in Polluted, Inland, Urban Environments	U. of Miami; U. of Michigan	09/2020-08/2023	\$599,713
4	Gentner, Drew; Krechmer, Jordan	Emissions and Oxidative Aging of Non-Traditional Gas-Phase Organic Compounds in the Greater New York City Metropolitan Area	Yale U.; Aerodyne Research, Inc.	09/2020-08/2023	\$599,997
5	Goldstein, Allen	A multispecies approach to investigate the changing cocktail of atmospheric urban carbon	UC Berkeley	09/2020-08/2023	\$600,000
6	Gurney, Kevin	Development of high-resolution FFCO <sub>2</sub> /FFCO emissions data product	Northern Arizona U.	09/2020-08/2023	\$387,947
7	Hu, Lu	Comprehensive atmospheric chemistry of volatile organic compounds in high and mid-latitude urban areas impacted by wood smoke	U. of Montana	09/2020-08/2023	\$600,000
8	Lin, John; Geddes, Jeffrey; Wofsy, Steven	CO <sub>2</sub> -Air Quality Urban Synthesis and Analysis ("CO <sub>2</sub> -AQ USA") Project: Trends & Drivers of Urban Emissions from Past, Present, to Future	U. of Utah; Boston U.; Harvard U.	09/2020-08/2023	\$992,682
9	Zhang, Yang; Tong, Daniel	Integrated modeling of air quality, carbon, and climate at a city scale for co-benefit mitigation	Northeastern U.; George Mason U.	09/2020-08/2023	\$630,000