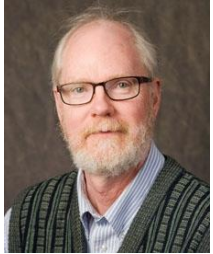# Regional Scale Modeling in Support of KORUS-AQ: Improving predictions of dynamic air quality using aircraft, ground networks, and satellite data

Team:

Greg Carmichael and Pablo Saide, Univ. of Iowa & NCAR - *modeling*

David Streets and Zifeng Lu, Argonne National Laboratory - *emissions*

Korean Collaborators: Chul Song (GIST), Jung-Hun Woo (Konkuk University) and Jhoon Kim (Yonsei University)

Models/Emissions:

✓ WRF (Weather Research and Forecasting)-Chem and GSI data assimilation

✓ Mission specific emissions