

Fully-funded Ph.D. Research Assistant Position

(Environmental Science or Related Subjects)

for

Joint Research Collaboration between WTAMU and TTU

Experiments on the Atmospheric Ice Nucleation with a Cloud Simulation Chamber

Beginning: ASAP
Stipend: **\$26,104.²⁸** per year (up to 3 years with a possibility of extension – performance pending)
Degree Awarding Institute: Texas Tech University (Dept. of Environmental Toxicology)
Supervisors: Drs. Naruki Hiranuma (WTAMU) and Todd Anderson (TTU)

We seek an energetic & qualified student who has an academic background in Science or Engineering. The successful applicant will obtain a Ph.D. with experience in aerosol science, cloud physics, in situ microphysical instrumentation, and analysis of data using industrial/scientific software. Please send your resume to **Dr. Naruki Hiranuma** at nhiranuma@wtamu.edu to schedule an interview.

Tasks:

- Conducting experiments to study biological, physical, and chemical properties of ice-nucleating particles with the guidance of junior/senior scientists.
- Testing newly developed Portable Expansion Chamber for Ice-nucleating Particles Measurement (PINE).
- Mentoring B.S. and M.S. students.
- Presenting results at well-recognized conferences, producing the best quality thesis, and publishing peer-reviewed publications.

Qualifications and Desired Skills:

- General interest in one of the following areas: **atmospheric/climate science, toxicology, or microbiology.**
- Special interest in an experimental study on cloud microphysics and ice nucleation.
- Readiness to commute between WTAMU and TTU & travel across nations (valid DL and Passport).
- Good communication skills.
- Familiarity with LabView, MatLab, IDL, and/or IGOR (Bonus/Optional).

