

Zeen Zhu

zeen.zhu@stonybrook.edu

EDUCATION

LANZHOU UNIVERSITY(LZU), CHINA

MS IN ATMOSPHERIC SCIENCE

Sep. 2015 – Jun. 2017

BS IN ATMOSPHERIC SCIENCE

Sep. 2011 – Jun. 2015

RESEARCH INTEREST

Radar signal processing

Retrieve the microphysics of clouds through inverse method

Identify the microphysical process in clouds through cloud radar

EXPERIENCE

XI'AN, CHINA

The 97th Chinese Meteorological Society Annual Meeting(11/2016)

Poster: A study of cloud Macro-physical properties over SACOL based on the KAZR observation

NATIONAL TSING HUA UNIVERSITY(NTHU), TAIWAN

Exchange student (07/2014 – 09/2014)

Worked on Project: Meteorological Characterization of Haze in Heating Period and Effect on Mental Health in Shijiazhuang(Chinese)

HEBEI METEOROLOGICAL BUREAU, CHINA

Intern (07/2012)

Synoptic patterns Analysis

PROGRAMMING SKILLS

IDL • Matlab • Linux

AWARD

First Prize, National Innovative Entrepreneurial Contest for Meteorology 2016

First-class Scholarship for Graduate Students, LZU 2015

Excellent Graduation Thesis, LZU 2015

Excellent Student leader, 2 times, LZU 2013-2014

LZU Scholarship, 3 times 2011-2014

PUBLICATIONS

1. **Zhu Z E**, Zheng C, Ge J M, et al. Cloud macrophysical properties from KAZR at the SACOL[J]. Chinese Science Bulletin, 2017, 62(8): 824-835.

2. Ge J, **Zhu Z**, Zheng C, et al. An improved hydrometeor detection method for millimeter-wavelength cloud radar[J]. Atmospheric Chemistry and Physics, 2017, 17(14): 9035-9047.