

## Curriculum Vitae

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### EDUCATION:

- 1999 – present, Ph.D. candidate, Oceanography, Rutgers, the State University of New Jersey
- 1995 – 1998 M.S., Dept. of Applied Meteorology, China Agricultural University
- 1991 – 1995 B.S., Dept. of Marine Meteorology, Ocean University of Qingdao

### HONORS AND AWARDS:

- July 2003, Full Support for Summer School on the Modeling of Arctic Climate, IAIC, Univ. of Alaska, Fairbanks
- May 2003, Student Travel Award from Rutgers Graduate School
- June 2002, Student Travel Award from WMO for WCRP ACSYS/CLiC Workshop
- February 2002, Student Travel Award from ARCSS
- May 2001, Student Travel Award from AMS and Rutgers Graduate School
- 1999-2000, 2000-2001 Excellent Graduate Fellowship, Rutgers University, Graduate School
- 1998 Excellent Scholarship, Institute of Remote Sensing Applications, Chinese Academy of Sciences
- 1997 President Scholarship, China Agricultural University
- 1995 Honorary of Excellent Undergraduate Student, Ocean University of Qingdao

### PROFESSIONAL MEMBERSHIP

- Student Membership of American Geophysical Union since 2002
- Student Membership of American Meteorological Society since 2000

### TEACHING EXPERIENCES

1. Grader for Remote Sensing of Atmosphere and Ocean, Spring 2003
2. Teaching Assistant for Introduction to Physical Oceanography, Fall 2002
3. Guest lecture for World Climate & Agriculture, Fall, 1996

### RESEARCH ACTIVITIES

1. Presentation in Seventh Conference of Polar Meteorology and Oceanography, May 12-17, 2003, Hyannis, MA
2. Presentation in Workshop on Measurements and Modeling of Arctic Ocean circulation, Jun. 17-20, 2002 Palisades, NY
3. Poster in NSF-ARCSS All-hands Workshop, Feb. 20-23, 2002 Seattle, WA
4. Poster in Sixth Conference on Polar Meteorology and Oceanography, May. 14-18 2001, San Diego, CA
5. Research Assistant, 1998 - 1999 Institute of Remote Sensing Applications, Chinese Academy of Sciences
6. Fieldwork on daily Weather Forecast for two months at Meteorological Station of Ocean University of Qingdao, Spring, 1995
7. Fieldwork on Investigation Ship of Ocean University of Qingdao for one week, Fall, 1993

### PUBLICATIONS

1. **Chen, Y.**, Francis, J.A., Miller, J.R., Russell, G.L. and Aires, F., 2003, Observed and Modeled Relationships among Arctic Climate Variables. *J. Geophys. Res.* (accepted)
2. **Chen, Y.**, Francis, J.A., Miller, J.R., 2002. Surface Temperature of the Arctic: Comparison of TOVS Satellite Retrievals with Surface Observations. *J. Climate* 15(24): 3698-3708
3. Niu, Z., **Chen, Y.**, et al. 2000, Mechanism Analysis of Leaf Biochemical Concentration by High Spectral Remote Sensing. *Chinese J. Remote Sensing*, 4(2): 125-130
4. Lu, Z., **Chen, Y.**, Chen, L., 2000, A Multiple-information Agrometeorological Forecast System. *Chinese J. Agrometeorology*, 21(1): 1-4
5. Zhou, F., **Chen, Y.**, Hu, R., He, W., 1997, Analysis of Entropy of Sea Surface Temperature in South China Sea. *Acta Oceanologica Sinica*. 19(5): 31-34