

Curricula Vitae-abridged

Peter C. Chu

1. Education

1985 Ph.D. University of Chicago, Atmospheric Sciences; 1968 B.S. Nanjing University, Meteorology

2. EMPLOYMENT

1986-present Naval Postgraduate School ; Adjunct Professor (1986-1991), Associate Professor (1992-1999)

Professor (2000 – present)

1980-1986 University of Chicago: Research Assistant (1980-1985) Studying the transfer processes across the air-sea interface and in the atmospheric boundary layer

Research Associate (1984-1986) Modeling planetary boundary layer and study the anelastic semi-geostrophic flow over a mountain ridge

1968-1978 National Weather Service, Wuxi, Jiangsu Province, China: Weather Forecaster and Agricultural Meteorologist

3. FIELD OF EXPERTISE

Air-Sea Interaction, Air-Ocean Analysis and Prediction

4. PROFESSIONAL SERVICES

Organizer, International Monterey Colloquium on Deep Convection and Deep Water Formation in the Ocean

Panel Member, Earth in Space, American Geophysical Union, 1992-1994.

STAC Committee Member on Polar Meteorology and Oceanography, American Meteorological Society, 1995-1997

Scientific Committee, International South China Sea Monsoon Experiment (SCSMEX), 1994-1998

Scientific Working Group, NSF/ONR Sponsored Surface Heat Budget of the Arctic Ocean (SHEBA) Project, 1996-1998

Organizing Committee, the Fourth Polar Meteorology and Oceanography Conference, American Meteorological Society, Dallas, Texas, 9-13 January 1995

Organizing Committee, International Workshop on Polar Processes in Global Climate, American Meteorological Society, Cancun Mexico, 13-15 November 1996

Panel Member on the Environmental Effects, Military Operations Research Society, 1997

Panel Member, NASA Physical Oceanography Peer Review Board, 2000

Panel Member, International Council for Sciences, Scientific Committee for Oceanic Research (SCOR), 2001

Secretary of the Ocean and Atmospheric Section, Asia-Oceania Geophysical Society, 2002-2004

Scientific Adviser, International Symposium on Clean Environment. Cheonan, Korea, 21-22 November 2003

Scientific Adviser, Third International Symposium on Air Quality Management, Istanbul, Turkey, 26-30 September 2005

Panel Member, ONR Review Panel on Coastal Geosciences 2007-present

Member, NOAA/NODC Global Temperature and Salinity Profile Program (GTSP) Working Group, 2008-present

5. EDITORIAL BOARDS

Co-Chief Editor, *Journal of Atmospheric and Oceanic Technology*, American Meteorological Society, 2009-present

Chief Editor, *Open Remote Sensing Journal*, 2008 – present

Editor, *Journal of Atmospheric and Oceanic Technology*, American Meteorological Society, 2006-2008; *Elsevier Oceanography Series*, Vol 57, Deep Convection and Deep Water Formation in Oceans.

Associate Editor, *Geophysical Research Letters*, American Geophysical Union, 1996-2001; *Journal of Atmospheric and Oceanic Technology*, American Meteorological Society, 1998-2005; *Advances in Atmospheric Sciences*, 1989-present; *Chinese Journal Of Oceanology and Limnology*, 2001-present;

Open Ocean Engineering Journal, 2007-present; *Open Civil Engineering Journal*, 2007-present

6. AWARDS/HONORS

Outstanding Research Achievement Award, Naval Postgraduate School, 1992

President Guest Lecturer, Taiwan Naval Academy, 'Meteorology and Physical Oceanography in the South China Sea', Kao Hsiung, Taiwan, 14 May 1996

Outstanding Research Achievement Award, Naval Postgraduate School, 1998

Keynote Speaker, "Fundamental problems in coastal ocean prediction," *Oceanology International* 99, Singapore, 27-29 April, 1999

Guest Professorship at the University of California at Santa Cruz, 1998

Outstanding Instruction Performance Award, Naval Postgraduate School, 2000

Guest Professorship at the Ocean University of China, 2002-2005

Guest Professorship at the University of Ensenada, Mexico, 2008

7. PUBLICATIONS

Three books and more than 200 papers, of which 120 papers are refereed journal articles. He also edited two books.