

Cegeon J. Chan

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Education

- Massachusetts Institute of Technology** Cambridge, MA 2003 – present
Ph. D. Dept. of Earth, Atmospheric and Planetary Sciences, anticipated June 2009.
• Thesis: Stratospheric Influences on the Tropospheric Climate and Weather.
- Lyndon State College** Lyndonville, VT 1999 – 2003
B.S. Meteorology, B.S. Mathematics, Cum Laude.

Skills

MatLab, HTML, Fortran, GrADS, Linux and PC Spreadsheet, text, and drawing programs (Photoshop, Illustrator, Image Ready,...)

Experience

- Massachusetts Institute of Technology** Cambridge, MA 2003 – present
Research Assistant. Dept. of Earth, Atmospheric and Planetary Sciences.
• Designed and implemented changes in numerical model to isolate stratospheric impacts on the tropospheric wind circulation.
• Developed statistical method to simplify climate change predictions.
- Massachusetts Institute of Technology** Cambridge, MA 2005 – present
Teaching Assistant. Dept. of Earth, Atmospheric and Planetary Sciences.
• Organized and led 30+ lab experiments in three separate courses; Developed visualizations to increase depth of learning.
• Created problem sets and taught current events segment.
- Vermont News 7** Lyndonville, VT 2002 – 2003
On-air TV Meteorologist
• Designed maps. Created new animations. Performed twice-daily live newscasts.
- WSI, Corporation** Andover, MA 2001 – 2002
Operational Meteorologist
• Compiled and prioritized weather data. Generated graphics. Communicated with aviation and private sector clients.

Leadership

- MIT Dept. of Resident Life** Cambridge, MA 2007 – present
Graduate Tutor.
• Established and maintained a safe, supporting and caring community for a 45-resident floor. Integrated more social activities. Led to 18% increase in floor retention.
- American Meteorological Society Club** Lyndonville, VT 2002 – 2003
President.
• Organized largest nationally student-run weather conference designed to introduce students on research topics. 32 speakers. 330 attendants.
• Awarded “AMS National Student Chapter of the Year”

Awards / Activities

NASA Earth System Science Fellowship (2003), Gil Ford Award for Meteorology (2003). Weather Columnist – The Tech (2003 – present), Officer – Dept. Graduate Student Council (2004 – 2007), Big Brothers Big Sisters Mentor (2006 – 2008), running, hiking, tennis, badminton, volleyball, bridge.

Publications 2 first author (refereed), 9 conference presentations. A detailed list of publications is available upon request.