

CHRISTINA LYNN HOLLAND

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EDUCATION

Eckerd College, St. Petersburg, FL – B.S. Physics, B.S. Mathematics with High Honors, 1993

University of Hawaii Manoa, Honolulu, HI – M.S. Physical Oceanography, 1996

University of South Florida, St. Petersburg, FL – Ph.D. Marine Science, 2003

EXPERIENCE

Postdoctoral Research Assistant, University of South Florida, 2003 - present. Physical oceanography research under Professor Gary Mitchum. *Research includes: working with large databases, manipulation of satellite data, and programming in the Matlab programming environment and in Fortran and C languages. Thoroughly familiar with unix, PC, and Macintosh operating systems and a variety of software applications.*

GK-12 OCEANS Fellow, University of South Florida, 2003 - present. Working with fifth grade teachers to bring hands-on, inquiry based marine science learning into their classrooms.

Author, “Interannual Volume Variability in the Tropical Pacific” (with Gary Mitchum), *Journal of Geophysical Research, Oceans*. November 2003.

Research Assistant, University of South Florida, 1996 - 2003. Physical oceanography research under Professor Gary Mitchum.

Author, “Propagation of Big Island Eddies” (with Gary Mitchum), *Journal of Geophysical Research, Oceans*. January 2001.

Guest Lecturer, University of South Florida, 1999 - 2001. “Accessing and using TOPEX/Poseidon Altimetry Data” for Remote Sensing class under Professor Frank Muller-Karger.

Teaching Assistant, University of South Florida. 1998. Lectures and individual instruction of students for Introduction to Physical Oceanography under Professor Gary Mitchum.

Author, “Beaches Under Assault: Storms and Sea-Level Rise” (with Rich Young). *Interactive Teacher* magazine. March/April 1999.

Author, “The Oceans in Motion: El Niño and its Effects” (with Jyotika Virmani). *Interactive Teacher* magazine. September/October 1998.

Research Assistant, University of Hawaii, 1993 - 1996. Physical oceanography research under Associate Professor Gary Mitchum.

Teaching Assistant, Eckerd College, 1992 - 1993. Fundamental Physics I and II under Assistant Professor Laurie Kovalenko.

Research Assistant, Eckerd College, 1990 - 1993. Marine geophysics research under Assistant Professor Sarah Kruse.

HONORS

Ford Foundation Scholars Program, 1991 - 1993

Barry Goldwater Scholarship, 1991 - 1993

Eckerd College Natural Sciences Collegium Award, 1993

University of South Florida University Graduate Fellowship, 1996 - 1998

NASA Earth System Science Fellowship, 1998 - 2001.

Gulf Oceanographic Charitable Trust Fellowship, 2001 - present.

REFERENCES & MORE INFORMATION

References are available upon request. For more information, please see my page on the world wide web at:

<http://www.oceansci.net/cholland/>