

CHRISTOPHER M. WALSH

OBJECTIVE

My objective is to gain employment in a stimulating and invigorating environment. I hope to excel in my job performance and gain the trust and admiration of my fellow employees. I also hope to sustain and promote a high level of professionalism and dignity in my work environment.

EDUCATION

01/2005 – Present University of Oklahoma Norman, Ok

- Graduate Student, School of Meteorology
- Graduate Research Assistant, Center for Spatial Analysis
- Advisor: Dr. May Yuan - Edith Kinney Gaylord Presidential Professor

08/2002 – 12/2004 University of Oklahoma Norman, Ok

- Bachelor of Science, Meteorology (with Distinction)
- Minors: Mathematics, Hydrometeorology
- GPA (Meteorology classes only): 3.83
- OU Retained GPA: 3.72

Independent Study Emergency Management Institute Emmitsburg, MD

- IS-100 Introduction to the Incident Command System
- IS-200 Basic Incident Command System
- IS-271 Anticipating Hazardous Weather & Community Risk
- IS-324 Community Hurricane Preparedness
- IS-700 National Incident Management System (NIMS)
- IS-800 National Response Plan (NRP), an Introduction

08/1997 – 05/2002 Diablo Valley College Pleasant Hill, CA

- Associate in Arts Degree
- DVC Retained GPA: 3.24
- IGETC Lower Division Curriculum Completion

WORK EXPERIENCE

06/2004 – present Federal Emergency Management Agency
Hazard Mitigation Planner – Stafford Act Employee

- Member of the Hurricane Liaison Team
- Deployed to the National Hurricane Center for Hurricane Charley
- Participant of the Hurricane Pam Catastrophic Planning Exercise
- Chief Designer of the FEMA Region VI Intranet Site
- Assisted with Flood Ordinance Modifications
- Supervisors: Gary Jones – Acting Regional Director, Region VI
Chuck Gregg – Hurricane Program Manager

01/2005 – present National Storm Prediction Center
Student Intern

- Evaluation of medium-range ensemble model and statistical guidance tools
- SPC Mentors: Steve Weiss – Science and Operations Officer,
David Bright – Techniques Development Meteorologist,
Greg Carbin – Mesoscale/Outlook Forecaster,
Peter Banacos – Mesoscale Assistant Forecaster
- OU Mentor: Dr. Alan Shapiro – Associate Professor of Meteorology

05/2004 National Severe Storms Laboratory
Student Volunteer

- Participant in the Thunderstorm Electrification and Lightning Experiment (TELEX)
- Assisted in launching research sensors into thunderstorms
- Supervisor: Dr. Dave Rust – Chief, Forecasting Research and Development Division

06/2003 – 08/2003 Naval Research Laboratory, NASA Stennis Space Center
Student Intern

- Office of Naval Research Enterprise Internship Program (NREIP)
- Conducted original research concerning wave generation in mid-latitude cyclones
- Mentor: Erick Rogers

01/2003 – 05/2003 Cooperative Institute for Mesoscale Meteorological Studies
Undergraduate Research Assistant

- Assisted in data collection and analysis for two types of experimental rain gauges at the National Severe Storms Laboratory
- Supervisor: Dr. Claude Duchon – Professor Emeritus

02/2002 – 06/2002 Department of Agriculture, Weights, and Measures
Research Assistant

- Assisted in gathering field data for the control of Yellow Star Thistle and other noxious weeds
- Supervisor: Robert Case – Chief Deputy Agricultural Commissioner

05/2001 – 09/2001 Infrared Industries
Engineering Assistant and Electronics Technician

- Assisted in computer network administration
- Assembled gas analyzers
- Supervisor: Claude Khalizadeh – Director of Research and Development

01/2001 – 05/2001 Diablo Valley College
Teaching Assistant

- Taught and tutored 25 basic math students 2 hours weekly
- Graded homework papers for an elementary algebra class
- Professor: Schubert Sarkis – Professor of Mathematics

09/2000 – 12/2000, 01/2001 – 05/2001 Diablo Valley College
Student Tutor

- Tutor for elementary through modern physics, 4 hours weekly
- Helped create geoscience tutoring program
- Supervisors: Dr. Joe Krivicich – Professor of Physics
John Rodriguez – Professor of Physics

PROFESSIONAL MEMBERSHIPS

- Sigma Xi – Scientific Research Society
- Gamma Beta Phi – National Honors Society
- Sigma Gamma Epsilon – College of Geosciences Honors Society
- OU Student Chapter of the American Meteorological Society
- Alpha Sigma Delta Radio Fraternity – OU Amateur Radio Club

AWARDS RECEIVED/CERTIFICATIONS

- Oklahoma NASA Space Grant Consortium Fellowship – Geospatial Summer Institute, Spring 2004
- Undergraduate Research Opportunities Program (UROP) Grant Winner – University of Oklahoma Honors College, May 2004
- OU President's Honor Roll – Fall 2002, 2003; Spring 2004

- OU Dean's Honor Roll – Fall 2002, 2003; Spring 2004
- DVC Alpha Gamma Sigma Honor Roll – Spring 1998 to Spring 2002
- Emergency Management Institute Certificate of Achievement for Community Hurricane Preparedness – July 2004
- ESRI ArcGIS Level 1 Certification (ArcMap, ArcInfo, ArcCatalog) – May 2004
- National Severe Weather Workshop 2004 Storm Spotter Training: Radar Interpretation and Advanced Storm Spotting
- National Weather Service Storm Spotter Training Program Completion, Fort Worth/Dallas Texas – July 2004

COMPUTER SKILLS

Operating Systems

- Windows 95, 98, ME, NT, 2000, XP; UNIX, Linux Red Hat, Sun Microsystems Solaris

Shell Scripting & Programming

- C-Shell, Perl, GEMPAK, & Matlab Scripting
- Modification and Implementation of Java Scripts
- Fortran Programming
- Some C, and Object Oriented C++

Web Development

- HTML, WXML
- Macromedia Dreamweaver MX, Flash MX

Software

- ESRI ArcGIS (AcrMap, ArcInfo, ArcCatalog)
- Microsoft Office XP (Word, Excel, PowerPoint, Outlook, Access, Publisher)
- KaleidaGraph 3.5, Adobe Acrobat Reader, Win Zip, WinRAR, Norton System Works, Nero CD Burning, SSH Secure Shell

Digital Imaging

- Adobe Photoshop 7.0, CS; PhotoAlbum 2.0, ImageReady 2.0

Other

- Building and Configuring Personal Computers

REFERENCES

- References Available Upon Request -