

# David Margolin

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<http://WxPrediction.com>

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## Objective

To utilize my meteorological and communication skills in a challenging and creative work environment, so as to improve the public's awareness and understanding of the weather.

## Education

Florida State University – Tallahassee, FL    Plymouth State College – Plymouth, NH  
Dec '00: M.S. Synoptic Meteorology    Dec '97: B.S. Meteorology

## Forecast Experience

- 2002 – Present    **Reliant Resources**    Houston, TX
- Produce 8-day forecasts for major US markets: West and East coasts
  - Deliver daily weather briefings to gas and power traders
  - Develop and improve model products via Unix Workstation
- 2001 – 2002    **AccuWeather, Inc.**    State College, PA
- Produced short-range prognostication maps
  - Forecasted max/min temperatures for the contiguous United States
  - Produced long-range forecasts for government and commercial clients.
- 2000 – 2001    **The Weather Channel**    Atlanta, GA
- Delivered weather briefings to producers and on-camera meteorologists.
  - Forecasted severe weather potential, QPFs, and max/min temperatures
  - Designed special graphics and animations.
  - Interviews with media

## Broadcast Experience

- On-air Meteorologist**
- 1999 – 2000    FSU Live/Channel 47    Tallahassee, FL
- Live and tape-delayed weather segments that incorporated WSI graphics

### Internship

2000    Florida's News Channel    Tallahassee, FL

## Research Experience

- Research Assistant – Professor Fuelberg**
- 1999 – Present    Florida State University    Tallahassee, FL
- *Severe Arctic Outbreaks into Florida's Citrus Belt* – A thorough investigation into the antecedent North American conditions and circulation patterns associated with some of the most devastating Florida freezes of the last fifty years.

## Teaching Experience

- Teaching Assistant – Synoptic II**
- 1998 – 1999    Florida State University    Tallahassee, FL
- Synoptic II: Objectives included diagnosing the development and evolution of synoptic scale systems using isentropic analysis, numerical models, weather charts, and satellite/radar imagery.

## Computer Skills

Applications: WSI's WeatherPro System, Garp, Gempak, GrADS, AWG  
OS: Windows, UNIX :    Programming: Fortran, C, C-Shell, HTML, JavaScript

## References

[Dr. Henry E. Fuelberg, Professor of Meteorology:](#) 850-644-6466  
[Kathy Strebe, The Weather Channel:](#) 770-226-2070  
[Mike Gasper, Reliant Energy:](#) 713-497-1174

