

Resume

Personal

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References

- **John Horel** - Professor - University of Utah - Department of Meteorology - 135 S. 1460 E. Rm 819, Salt Lake City, UT 84112 - (801.581.7091)
- **Jim Steenburgh** - Associate Professor - University of Utah - Department of Meteorology - 135 S. 1460 E. Rm 819, Salt Lake City, UT 84112 - (801.581.8727)
- **Kevin Perry** - Assistant Professor - University of Utah - Department of Meteorology - 135 S. 1460 E. Rm 819, Salt Lake City, UT 84112 - (801.581.6138)

Education

- **Lincoln East High School**: Lincoln, NE 68510 - graduated 06/1997
- **University of Nebraska-Lincoln**: Lincoln, NE 68588 - Bachelor of Science: Meteorology-Climatology - graduated 05/2002
- **University of Utah**: Salt Lake City, UT 84112 - Master of Science: Meteorology (in progress) - graduated 05/2004

Experience

Graduate Research Assistant (08/2002 - present)
salary: \$20000 per year @ 20 hours per week

University of Utah - Department of Meteorology
135 S. 1460 E. Rm 819
Salt Lake City, UT 84112
Advisor: John Horel - 801.581.7091

- Assisting the NOAA Cooperative Institute for Regional Prediction with monitoring, developing, and updating web-based, real-time weather products.
- Responsible for daily national fire weather reports and outlooks in support of the Real-time Observation Monitor and Analysis Network (ROMAN).
- Researching local mesoscale phenomenon during the Department of Energy funded Vertical Transport and Mixing Experiment (VTMX) in October 2000.
- Leading weather briefings with emphasis on past, present, and future conditions at locations throughout the western US.

Skills

- **Observational:** manual isoplething/analysis, skew-T diagram, station model, METAR, sodar, lidar, radar, rawinsonde.
- **Interpretational/Forecasting:** operational forecast models (RUC2, Eta, GFS, MM5, WRF), nowcasting, orographic precipitation, orographically induced flow/circulations, quasigeostrophic motions, lake-effect precipitation, severe weather.
- **Research:** data gathering/plotting, scientific writing, communicating with a group, formal/informal presentations.
- **Computer languages:** FORTRAN, Perl, HTML, Unix.
- **Computer programs:** Netscape, Microsoft Internet Explorer, Microsoft Word, Microsoft Powerpoint, Microsoft Outlook, Microsoft Excel, Microsoft Frontpage, Corel WordPerfect, Adobe FrameMaker, Adobe Acrobat, GEMPAK, Gimp, XV, IDL.

Activities And Awards

- **Dean's List:** University of Nebraska-Lincoln (05/1999, 12/2000, 05/2001, 12/2001, 05/2002)
- **Member:** American Meteorological Society Student Chapter - University of Nebraska-Lincoln (09/2000 - 05/2002).
- **Certificate:** Outstanding Scholarship - University of Nebraska-Lincoln (04/2000, 04/2001, 04/2002).
- **Award:** First Place - Student Paper Competition - American Meteorological Society and National Weather Association - Fifth Annual High Plains Conference - North Platte, NE (10/2001).
- **Member:** American Meteorological Society Student Chapter - University of Utah (09/2002 - present).
- **Award:** Graduate Student Member of the Year - American Meteorological Society Student Chapter - University of Utah (05/2003).
- **Secretary:** American Meteorological Society Student Chapter - University of Utah (07/2003 - 06/2004).
- **Member:** American Meteorological Society (2003 - present).