



Joseph P. Sobel, Ph.D.

Senior Vice-President, Director of Forensic Services

Professional Experience

AccuWeather, Inc.

1971-1974: Part-time

November 1974-October 2015: Full-time

1977-Present: Expert Senior Meteorologist

September 1977: Appointed Associate Vice-President

December 1980: Appointed to Board of Directors

December 1981: Appointed Vice-President

December 1983: Appointed Senior Vice-President

- 1976-Present: Admitted as Expert Forensic Meteorologist Witness at dozens of trials and depositions throughout the United States
- July 1995: Appeared on MacNeil-Lehrer News Hour
- 1998-2005: Seen internationally during severe weather events on MSNBC-TV
- Summer 2002: Seen as a weekend guest weather anchor on WABC-TV in New York City, New York
- June 2003-June 2005: Regular weekday morning meteorologist on CNBC-TV
- Seen on Court TV's series Forensic Files: Dew Process
- Co-author of over one thousand reports documenting findings of research projects to determine weather conditions at particular times and places in the past
- Operational weather forecaster preparing forecasts daily for sites all across the United States since October 1972
- Provided over one million weather forecasts and discussions on dozens of radio stations across the United States since 1972
- Appeared on ABC and NBC Nightly News, The Today Show and Bloomberg Television

October 2015: Part-time

The Pennsylvania State University

1969-1976: Teaching and Research Assistant

1970: M.S. Meteorology

1970-2004: One of a team of meteorologists presenting "Weather World," a 15-minute television program on Pennsylvania Public TV Network

1976: Ph.D. Meteorology

1976-1986: Visiting Lecturer



Pennsylvania Air National Guard **1969-1976:** Weather observer and forecaster; Highest rank obtained, Captain

ESSA **Summers 1968 & 1969:** Meteorologist, Weather Bureau Regional Headquarters, Garden City, New York

University of Michigan **1967:** B.S. Meteorology
Summer 1967: Field Project, Severe Storm Research, Chickashea, Oklahoma

Honors and Accomplishments

American Meteorological Society **October 2013:** Elected Fellow of the Society
2005: Granted Broadcaster of the Year
January 1992: Completed Forensic Meteorology Workshop
October 1973: Granted Television Seal of Approval

Newsweek Magazine **September 30, 2002:** Featured in article, "Nerds of Weather"

Weatherwise Magazine **February, 2008:** Featured in article "On the Job"

George W. Hewett High School **May 2001:** Inducted into the Hall of Fame

Pennsylvania State University College of Earth and Mineral Science **May 1996:** Named Centennial Fellow

Who's Who **1995-1996:** Listed to International Who's Who
1992: Listed to Who's Who in the East

National Science Foundation **1969-1970:** Fellowship

Professional Affiliations

American Meteorological Society
Sigma Xi
Chi Epsilon Pi



Publications

March 1995: "Changing Weather? Facts and Fallacies About Climate Change and Weather Extremes". (Joint Author). Sobel and MacDonald. AccuWeather, Inc., State College, Pennsylvania

January 1994: "The Relationship Between the Sales of Cutter Insect Repellent and the Weather in the Southcentral and Northeast Sales Regions", Report to Miles Laboratories. (Joint Author). Sobel, Clark, Adams and Antle. AccuWeather, Inc., State College, Pennsylvania

November 1992: "Forensic Meteorology: How and Why", (Joint Author). Sobel and Adams. The Legal Investigator, Vol. XXII, No. 2, pp. 10-12

1976: Ph.D. Thesis - Nested Grids in Numerical Weather Prediction and an Application to a Mesoscale Jet Streak. The Pennsylvania State University, University Park, Pennsylvania

1970: Progress Report to the Environmental Protection Agency from Pennsylvania State's Select Research Group (Joint Author). Sobel, Anthes, Warner and Seaman. The Pennsylvania State University, University Park, Pennsylvania

September 1970: ESSA Technical Memorandum Eastern Region #37. Garden City, New York

1970: Master's Thesis - Objective Mesoscale Temperature Forecasts. The Pennsylvania State University, University Park, Pennsylvania

Speeches

June 24, 2004: Commencement Address, The Leon M. Goldstein High School for the Sciences

June 17, 1996: "Understanding Current Weather Patterns & Their Impact on Insurers", 1996 PAMIC (Pennsylvania Association of Mutual Insurance Companies) Convention

March 1994: "Commercial Weather Services", Pennsylvania State University Faculty and Staff Retirees Club

November 11, 1993: "The Weather Made Me Do It!", Northeast Pennsylvania Claims Association, Quarterly Meeting

October 1993: "Climatic Changes and their Impact on Severe Weather Patterns", Independent Reinsurance Underwriters Association Convention

July 9, 1992: "Weather Data and Its Use in Insurance Claims", Lancaster and Harrisburg Claims Association Dual Meeting

June 15, 1990: "When We Mean What We Say, Do They Know What We Mean?", American Meteorological Society

June 1, 1989: "Weather Broadcasting in the Soviet Union", AMS 19th Conference on Broadcast Meteorology

October 21, 1988: "How Weather Data Are Used In Forensic Meteorology", 5th Annual Meeting, The Association of American Weather Observers, Inc.

April 1983: "Private Weather Services", American Public Works, 23rd North American Snow Conferences

December 1980: "Forensic Meteorology and Your Claim", Society of Chartered Property and Casualty Underwriters, Central Pennsylvania Chapter

Numerous appearances before Rotary and other civic organizations.



Personal Highlights

*American
Meteorological
Society*

October 2013: Elected Fellow of Society

2005: Granted Broadcaster of the Year

*The Pennsylvania
State University*

1976: Earned Ph.D. in Meteorology

1970: Earned Masters of Science in Meteorology

*Pennsylvania Air
National Guard*

1974: Earned rank of Captain

Have delivered over a million weather forecasts on radio and television stations nationally and internationally. These stations include cable TV networks CNBC and MSNBC, WABC-TV channel 7 in New York, the NBC Nightly News, The Today Show and the MacNeil-Lehrer News Hour. Heard on major radio stations in New York City (WINS), Detroit (WWJ), Los Angeles (KFWB), Philadelphia (KYW), San Antonio (KTSA), Chicago (WBBM), Charlotte (WBT), and many more.