

George Wright, Certified Consulting Meteorologist

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CURRICULUM VITAE

HIGHLIGHTS OF PROFESSIONAL EXPERIENCE:

- American Meteorological Society (AMS) Certified Consulting Meteorologist
- Studied at Rutgers University earning BS and MS degrees in meteorology
- More than 15 years of experience in researching past weather conditions for cases involving slip and falls, car accidents, flooding, wind incidents and hail damage
- Currently serving as Chairman of the Atmospheric and Geological Sciences Section at the New York Academy of Sciences
- Presently working as a broadcast meteorologist for Cablevision News 12
- Previously employed as a meteorologist for WPIX TV and the ABC TV Network
- Granted the AMS Television Seal for excellence weather broadcasting
- On-air television meteorologist for 10 years at WLNY TV in Long Island
- Formerly employed as a technical advisor in the New York City Mayor's Office under Rudolph Giuliani and the Department of Environmental Protection (DEP) using the *City Environmental Quality Review (CEQR) Technical Manual*
- Twenty years of experience as an air quality specialist performing dispersion modeling, air permitting and related environmental analyses
- Former instructor of meteorology at Rutgers University
- Studied air pollution and applied meteorology at the graduate level at Rutgers University and authored a masters thesis on snowfall in the Northeast United States

EDUCATION:

Master of Science, Meteorology, Rutgers University, New Brunswick, NJ

Bachelor of Science, Meteorology, Rutgers University, New Brunswick, NJ

CERTIFICATIONS:

AMS Certified Consulting Meteorologist Seal of Approval

AMS Seal of Approval for Television and AMS Seal of Approval for Radio

National Weather Association (NWA) Television Seal of Approval (Inactive)

Environmental Assessment Association (EEA) Certified Environmental Inspector

Occupational Safety and Health Administration (OSHA) 40-Hour Training Certification

EMPLOYMENT:

Meteorologist

1998 to Present

Wright Weather Consulting, New York, NY

- AMS Certified Consulting Meteorologist for a weather consulting company

Meteorologist

2007 to Present

Cablevision, News 12, Westchester, NY

- On-air meteorologist for the top-rated regional news network in the country

Meteorologist 2006 to Present
WABC TV, New York, NY

- Meteorologist and weather producer for *Good Morning America* and *World News Tonight*

Air Quality and Environmental Scientist 1996 to 2010
Lemonides Associates, New York, NY

- Performed air quality dispersion modeling, emissions calculations, traffic studies and site assessments
- Analyzed traffic noise and performed ambient measurements and prepared Phase I environmental site assessments

Meteorologist 2004 to 2009
WPIX TV, New York, NY

- Meteorologist and weather producer

Meteorologist 1997 to 2007
WLNY TV, Melville, NY

- On-air meteorologist, reporter and weather producer

Air Pollution Meteorologist 1999 to 2002
Galli Engineering, Melville, NY

- Manager of an air quality services division at a private engineering firm
- Performed air quality dispersion modeling, emissions calculations, Title V permitting under the Clean Air Act, traffic studies and site assessments
- Analyzed traffic noise and performed ambient measurements

Meteorologist 1997
Dow Jones, Inc., WBIS Television, New York, NY

- Chief meteorologist and reporter for a television station in New York City

Senior Technical Advisor 1995 to 1997
New York City Mayor's Office, New York, NY

- Provided technical assistance and analyses of air quality, traffic, noise, hazardous materials and shadows using the methodology outlined in the *CEQR Technical Manual*
- Responsible for review and coordination of an update to the *CEQR Technical Manual*
- Served as a liaison between the Mayor's Office of Environmental Coordination and the New York City Department of Environmental Protection
- Assisted in the management of the New York City's Brownfields Program for the Environmental Protection Agency (EPA)

Air Quality Specialist 1993 to 1995

New York Department of City Planning, New York, NY

- Performed air quality dispersion modeling for mobile and stationary sources
- Analyzed traffic noise and performed ambient noise measurements
- Review air quality and noise submissions and managed projects

Air Quality Specialist 1991 to 1993

Gibbs & Hill, Inc. New York, NY

- Performed air quality dispersion modeling, emissions calculations, Title V permitting under the Clean Air Act, traffic studies and site assessments
- Analyzed traffic noise and performed ambient noise measurements
- Worked on landfills and toxic waste sites performing technical analyses and Phase II sampling for PCBs and heavy metals

Meteorology Instructor 1989 to 1991

Rutgers University, New Brunswick, NJ

- Taught evening classes in meteorology and climatology

Meteorologist 1988 to 1991

Weatherworks, Inc., Hackettstown, NJ

- Meteorologist for a private weather consulting firm that specialized in forecasts for private industry, aviation and radio

Meteorologist 1987 to 1990

WABC Talk Radio, Capital Cities, New York, NY

- Meteorologist for a major radio station in New York City

Soil Erosion Specialist and Meteorologist 1986 to 1989

New Jersey Dept. of Agriculture, Verona, NJ

- Assisted in the enforcement of environmental regulations (NJ Chapter 251) related to soil erosion from construction sites in Hudson, Passaic and Essex Counties of New Jersey
- Developed soil erosion and hydrological software for use in plan review
- Frequent public speaker on soil erosion, air quality, weather and toxic waste issues at schools and civic organizations.

Meteorologist 1987 to 1988

Time Warner Cable, TV-10, Palisades Park, NJ

- Meteorologist and reporter for a television station in Bergen County, NJ

Meteorologist 1984 to 1986
Ion Weather, Morristown, NJ

- Prepared past weather reports on weather conditions for law firms and insurance companies, provided forecasts to pilots and broadcasted the weather on radio stations.

Air Quality Scientist 1984
Enviroplan, Inc. West Orange, NJ

- Air quality scientist for a private consulting firm
- Performed air quality dispersion modeling, emissions calculations and Title V permitting

Teaching Assistant 1983 to 1984
Rutgers University, New Brunswick, NJ

- Prepared class assignments, graded exams and taught meteorology laboratory for Department Chairman Dr. Mark Shulman
- Developed air quality dispersion assignments
- Assisted in climatological research under Dr. Robert Harnack

SELECTED METEOROLOGICAL TESTIMONY AND REPORTS/STUDIES:

- Expert testimony at trial for a slip and fall in Middletown, NY
- Expert testimony at trial for a slip and fall in Monroe, NY
- Expert testimony at trial for a slip and fall in Lackawaxen, PA
- Expert testimony at trial for an ice-related incident in New York, NY
- Expert testimony at trial for a slip and fall on ice in New York, NY
- Expert testimony at deposition for a wind-related incident in Springfield, MO
- Expert testimony at trial for an ice-related incident in Brooklyn, NY
- Expert testimony at trial for a slip and fall on ice in Staten Island
- Expert testimony at deposition for a coastal wind incident in Atlantic, NC
- Expert testimony at deposition for a wind-related case in St. George County, MD
- Expert testimony at trial for a slip and fall accident in Bronx, NY
- Expert testimony at trial for an ice-related incident in Long Island, NY
- Expert testimony at trial for a slip and fall incident in Long Branch, NJ
- Expert testimony at deposition for a wind incident in Wilmington, DE
- Analysis of the weather and flooding conditions in Flushing, NY
- Thunderstorm rainfall intensity and duration for a slip and fall in Chicago, IL
- Rainfall analysis for San Rafael, CA for a case involving water damage to antiques
- Determination of the presence of wet pavement for a slip and fall in New York, NY
- Likelihood of ice accumulation for a slip and fall case in Gloucester, NJ
- Snow accumulation on a roadway in Sterling, MA for a car accident claim
- Analysis of thunderstorms and hail involving automobile damage in Ellsworth, KA
- The presence of high winds for an injury claim in Swan Falls, ID
- The amount of snow and ice accumulation for a plowing dispute in Plainview, NY
- Analyses of the visibility and lighting conditions for traffic accidents in Ham Lake, MN
- The amount of snow and ice on pavement for a slip and fall in Jersey City, NJ

- Determination of the likelihood of black ice on a sidewalk in Bronx, NY
- Analysis of high winds for a construction-related claim in Naples, FL
- Analysis of temperature for a case involving frozen food transport in Blackfoot, ID
- Climatic analysis of peak wind gusts in Lander County, WY
- Temperature analysis for a case involving frozen pipes in Yonkers, NY
- An analysis of heavy rain for a construction dispute in Moreno Valley, CA
- A report on the potential for wet pavement on steps in New York, NY

SELECTED ENVIRONMENTAL STUDIES AND REPORTS:

- Air quality dispersion analysis for an auto body spray booth in Brooklyn, NY
- Mobile source particulate analysis near the Cross Bronx Expressway, Bronx, NY
- Phase I study for a development site in Jamaica, NY
- Air quality dispersion analysis for spray booths in Brooklyn and Queens, NY
- Phase I studies for sites in Staten Island, Queens and Manhattan
- Mobile source air quality analysis for a shopping mall in Newburgh, NY
- Analysis of particulate concentration for a bus depot in Queens
- Mobile source air quality study for a shopping center in northern NJ
- Air quality expert for the Town of Poquott, NY
- Expert testimony on soil erosion from a construction site for the Town of Roseland, NJ
- Air pollution modeling analysis for the SUNY Cogeneration Facility, Buffalo, NY
- Air dispersion analysis of two New York City Con Edison Power Plants
- Air permitting for Crestwood Metals, Inc., Bohemia, NY
- Air quality modeling and permitting for Prima Asphalt, Inc., Holbrook, NY
- Air quality modeling analysis for the Gowanus Expressway, Brooklyn, NY
- PSD air quality analysis for New Jersey Steel, Inc., Sayreville, NJ
- Emission credit reduction analysis for Rason Asphalt, Inc., Farmingdale, NY
- Air quality and noise assessment for the Wakefield Rezoning, New York, NY
- Noise and air quality analysis for the Queens Boulevard Rezoning EIS, Queens, NY
- Development of carbon monoxide screening thresholds for the New York City DEP
- Dispersion modeling for two power plants in Indianapolis, IN and Cleveland, OH
- Phase II field sampling for PCBs and heavy metals at the Fountain Avenue and Pennsylvania Avenue landfills in Canarsie, NY
- Indoor air quality sampling for asbestos fibers in a nursing home in Hicksville, NY

PREVIOUS CLIMATE STUDIES AND RESEARCH:

- *A Study of the Weekday Precipitation in Central Park, NY, 1999*
- *A Snowfall Climatology for the Northeast United States, 1993*; masters thesis prepared under the direction of Dr. Mark Shulman
- *An Analysis of Prevailing Winds in South Korea, 1987*
- *A Rainfall Climatology for Northern New Jersey, 1986*
- *Long Term Weather Prediction Using Teleconnection Patterns, 1983*; research performed under a grant from the National Science Foundation with Dr. Robert Harnack of the Rutgers University Meteorology Department

SPEAKING ENGAGEMENTS, SEMINARS AND CONFERENCES:

Facing the Elements: Transportation Resilience in an Era of Extreme Weather Events and Climate Change, New York Academy of Sciences, New York, NY, 2011

Will a Warmer World be Stormier? Dr. Anthony Del Genio, NASA Goddard Institute for Space Studies, New York, NY, 2010

Environmental Site Assessments for Commercial Real Estate, ASTM Technical and Professional Training, Edison, NJ, 2008

Climate Change: State of Science & Adapting to the Inevitable, New York Academy of Sciences, January 2008.

New York Academy of Sciences, *Fourth Assessment Report on Climate Change*, Cynthia Rosenzweig, NASA Goddard Institute, April 2007

New York Academy of Sciences, *Spitzer Team on NYC Environmental Needs*, New York, NY, November 2007

Tri-State Weather Conference, Department of Physics, Astronomy and Meteorology Western Connecticut State University, Danbury, CT, 2006

New York Academy of Sciences, *Uncertainties of Global Warming*, New York, NY, 2006

New York Academy of Sciences, *Space Weather* Presentation, New York, NY, 2005

State University of New York, Stony Brook, NY, guest speaker on meteorology, 2004

American Meteorological Society Annual Conference, Long Beach, CA, 2003

Fox News Channel, New York, NY, talk show guest discussing meteorological consulting, 2003

State University of New York, Stony Brook, NY, guest speaker on meteorology as a career and television broadcasting, 2002

Suffolk County Community College, Plainview, NY, guest speaker on weather private weather consulting and the media, 2001

Rainbow Media, Inc., Upton, NY, meteorologist and host for *Weather: A First Look*, 2000

PROFESSIONAL AFFILIATIONS:

Member of the American Meteorological Society, Boston, MA

Member of the National Weather Association, Montgomery, AL

Member of the New York Academy of Sciences, New York, NY

Chairman of the Atmospheric and Geological Sciences Section at the New York Academy of Sciences