

## **George Wright**

### **Certified Consulting Meteorologist**

Wright Weather Consulting, LLC

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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 employed as a meteorologist and weather producer for CNN and ABC News
- Presently working as a broadcast meteorologist for Cablevision News 12
- Previously employed as a meteorologist for WPIX TV
- Granted the AMS Television Seal for excellence in weather broadcasting
- Previously employed as a 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 Mayor Rudolph Giuliani and the Department of Environmental Protection (DEP)
- Twenty years of experience as an air quality specialist performing dispersion modeling, air permitting and related environmental analyses
- Former chairman of the Atmospheric and Geological Sciences Section at the New York Academy of Sciences
- 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, 1993

Bachelor of Science, Meteorology, Rutgers University, New Brunswick, NJ, 1984

### **CERTIFICATIONS:**

AMS Certified Consulting Meteorologist (CCM) Seal of Approval, 2003

AMS Seal of Approval for Television, 1999

AMS Seal of Approval for Radio, 1988

National Weather Association (NWA) Television Seal of Approval, 1998

Environmental Assessment Association (EEA) Certified Environmental Inspector, 2004

Occupational Safety and Health Administration 40-Hour Training Certification, 1992

**EMPLOYMENT:**

**Consulting Meteorologist** 1998 to Present  
*Wright Weather Consulting, New York, NY*

- AMS Certified Consulting Meteorologist specializing in air quality and environmental analyses, weather forecasting, climate studies and past weather conditions

**Meteorologist** 2014 to Present  
*CNN, New York, NY*

- Meteorologist and weather producer for *New Day* and *Early Storm* news programs

**Meteorologist** 2006 to Present  
*WABC TV, New York, NY*

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

**Meteorologist** 2007 to Present  
*Cablevision, News 12, Westchester, NY and Bronx, NY*

- On-air meteorologist for the morning and evening newscasts

**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 prepared Phase I site assessments

**Meteorologist** 2004 to 2009  
*WPIX TV, New York, NY*

- Meteorologist and weather producer for the morning and evening newscasts

**Meteorologist** 1997 to 2007  
*WLNY TV, Melville, NY*

- On-air meteorologist and reporter

**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

**Air Quality Meteorologist and Environmental Scientist** 1998 to 1999  
*Impact Environmental, Kings Park, NY*

- Air quality meteorologist and environmental scientist for an environmental consulting firm
- Performed air quality dispersion modeling, emissions calculations, Title V permitting and Phase I and Phase II assessments
- Prepared and reviewed health and safety plans and developed software for air quality computations

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

- Meteorologist and reporter for the morning newscasts

**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 the coordination of an update to the *CEQR Technical Manual*
- Served as a liaison between the Mayor's Office of Environmental Coordination under Mayor Rudolph Giuliani, Deputy Mayor Fran Reiter 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
- Reviewed 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**

1990 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*

- On-air meteorologist for the weekend and morning newscasts

**Soil Erosion Specialist and Meteorologist**

1987 to 1990

*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 1989

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

- Meteorologist and reporter for the evening newscasts

**Meteorologist**

1984 to 1986

*Ion Weather, Morristown, NJ*

- Prepared reports on past weather conditions, climate studies, provided forecasts to pilots and broadcasted the weather on a network of radio stations in the Northeast

**Air Quality Scientist**

1984

*Enviroplan, Inc. West Orange, NJ*

- Air quality scientist and modeler that performed air quality dispersion calculations, emissions estimates 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 and assisted in climatological research

**SELECTED METEOROLOGICAL TESTIMONY:**

- Expert testimony at trial for a slip and fall in Brooklyn, NY
- Expert testimony at trial for a slip and fall in Queens, NY
- Expert testimony at trial for a slip and fall in Brooklyn, NY
- Expert testimony at a DMV hearing for a traffic incident in Murrieta, CA
- Expert testimony at trial for a slip and fall in Queens, NY
- 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 a slip and fall in Winchester, VA
- 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

**SELECTED ENVIRONMENTAL STUDIES:**

- 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 analyses for the Queens Boulevard Rezoning, Queens, NY
- Development of carbon monoxide screening thresholds for the NYC 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 in a nursing home in Hicksville, NY

**PROFESSIONAL SEMINARS, SPEAKING ENGAGEMENTS AND CONFERENCES:**

*Assessing Storm Surge Risk at New York City*, Kerry Emanuel, Professor of Atmospheric Science, MIT, Columbia University, New York, NY, 2012

*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

#### **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; performed under a grant from the National Science Foundation at Rutgers University

#### **PROFESSIONAL AFFILIATIONS:**

Member of the American Meteorological Society, Boston, MA

Member of the National Weather Association, Montgomery, AL