Samuel Sangster



Hello! I am currently a Senior Meteorologist for Delta Air Lines, and work in the Operations and Customer Center (OCC) at the headquarters near the Atlanta Airport. Before landing this job, I completed my bachelor's degree at the University of South Alabama in May 2019. During my undergraduate career, I received the NOAA Hollings Scholarship, giving me the opportunity to intern and work on research at the National Hurricane Center under Dr. Chris Landsea. While in school, I also took the opportunity to work on undergraduate research, work for the school's mesonet, and work as a math and science tutor, all of which helped me to gain experience outside of the classroom and expand my skill set. I was also an

oboist in the top band at the university and participated in several other ensembles during my time there! During the summer after graduation, I had the opportunity to intern in the meteorology department at Delta. I went on to pursue my master's degree at Florida State University where I worked on a thesis under Dr. Robert Hart pertaining to tropical cyclones near Hispaniola and graduated in July 2021. I have been at Delta for about two and a half years now, and every day is different! My job entails forecasting and monitoring both upper air impacts as well as surface (or airport) impacts. We forecast and monitor things such as turbulence, volcanic ash, space weather, ozone, and surface weather. My favorite weather phenomenon is tropical cyclones, as I grew up in Florida and got to experience the active 2004 and 2005 seasons. However, I do have a general interest in aviation meteorology topics and west coast weather which led me to choose a career with Delta. In my free time, I enjoy things from spending time outside hiking or gardening, to relaxing and re-watching some of my favorite shows. Of course, I also like to spend my time off traveling to new places! A random fact about me? My favorite band is Steely Dan!

Dr. Jen Henderson



Jen Henderson is a human-environment geographer whose research brings together the physical, operational, and social sciences to address pressing issues in weather disasters. She is particularly interested in the human dimensions of compound hazards and cascading impacts that may exacerbate inequalities an<u>slazarus@fit.edu</u>d magnify harm. In this and other contexts, Jen studies vulnerabilities of different publics and their understandings of risk. However, she is especially interested in the challenges

that expert communities—e.g., broadcast meteorologists, emergency managers, and operational forecasters—face during weather and climate extremes. Jen is an assistant professor in the Department of Geosciences at Texas Tech University where she co-directs with Dr. Rodolfo Hernández the Risk and Equity in Disasters (RED) Lab.

Dr. Aaron Kennedy



Aaron Kennedy is an Associate Professor and the Graduate Director at the Dept. of Atmospheric Sciences at the University of North Dakota. He spends most of his time trying to find a balance between family (wife and three kids), hobbies (cycling adventures and photography), and work. His interests include year-round hazardous weather such as blizzards (blowing snow) and deep convection that impact society. He uses a variety of tools to study these events, but generally considers himself an observer vs. a modeler. To that end, he frequently uses remote sensing instruments such as ground based radar/lidar and satellites. More recently, he has dived into the world of instrument development with the creation of OSCRE, the Open Snowflake Camera for Research and Education. He considers this his 'happy place' in the scientific world where a diverse set of hardware and

software skills are needed to be successful.

Dr. Clark Evans



Clark Evans (he/him/his) is a Professor and Chair of Atmospheric Sciences in the University of Wisconsin-Milwaukee School of Freshwater Sciences. He joined UWM's faculty in 2011 after completing a postdoctoral fellowship with the Advanced Study Program at the National Center for Atmospheric Research. He received B.S., M.S., and Ph.D. degrees in Meteorology from Florida State University in 2004, 2006, and 2009, respectively.

Clark's research uses numerical models to better understand

and predict high-impact weather phenomena, particularly tropical cyclones and severe thunderstorms. He is also interested in studying how humans perceive, prepare for, and respond to threats from these phenomena. His research prioritizes student engagement, and most of his group's published works have a student as the lead author.

Clark is also passionate about being a servant leader. Currently, Clark serves as the Incoming Commissioner for the American Meteorological Society's Scientific and Technological Activities Commission, an Editor for *Monthly Weather Review*, and a member of the Developmental Testbed Center's Science Advisory Board. Locally, he is the faculty advisor for The Climate Consensus student organization. He is also a Trustee of the Village of Grafton, WI. If you'd like to learn how to get involved in the profession or the community, let's talk!

On a personal level, Clark is interested in his faith, running, cycling, sports, hiking, photography, cartography, historical accounts, and traveling. Far too many of his conversations revolve around the weather, even when he's actively trying to keep it from happening. He loves parks and trails and is a big fan of being outside, particularly when the sky is blue, the fields are green, and the air is warm. You can follow Clark on Twitter @ClarkEvansWx or on LinkedIn.



Ava Marie

Ava Marie is the morning meteorologist at WBAL TV in Baltimore, Maryland, with more than a decade of experience forecasting in the Mid-Atlantic. Ava is also passionate about science education and supports many STEM (Science, Technology, Engineering and Math) events in the community, including the Maryland STEM Festival.

Ava is designated as a Certified Broadcast Meteorologist by the American Meteorological Society, and holds a Bachelor of Science in Atmospheric Science from the University of Kansas, with an emphasis in journalism. During college, Ava was awarded the National Oceanic and Atmospheric Administration (NOAA) Hollings Scholarship, which included a summer internship with the Earth Systems Research Lab in Boulder,

Colorado.

Outside of work, Ava enjoys spending time outdoors, and looks forward to yearly trips to her home state of Colorado, to backpack camp and climb 14,000-foot mountains.



Ms. Angel McCoy

Angel McCoy is a Senior Offshore Wind Regulatory Specialist at the National Renewable Energy Laboratory (NREL) where she focuses on the advancement of the offshore wind industry. She has over a decade of experience in U.S. offshore wind with most of her career as a Meteorologist/Interdisciplinary Scientist at the U.S. Department of the Interior's (DOI) Bureau of Ocean Energy Management (BOEM) in the Office of Renewable Energy Programs. She supported the environmental, engineering, and technical review of ocean-based renewable energy facilities.

Mrs. McCoy was also a Meteorologist at the National Weather Service's Climate Prediction Center in support of the Famine Early Warning System Network (FEWS Net) Project funded by the U.S. Agency for International Development. She provided weather and climate support for the purposes of food security and famine early warning for developing countries in Central America, the Caribbean, Sub-Saharan Africa, and Southeast Asia.

Mrs. McCoy is the founder of Discover Earth Camp where she provides earth science education for youth. She holds a Bachelor of Science degree in Meteorology from The Pennsylvania State University and a Master of Science degree in Environmental Policy and Management from American Public University. She is a member of the Renewable Energy Committee of the American Meteorological Society and a member of the Gulf Offshore Energy Safety Board.



Renée Leduc

(pronouns: she/her/they/them) is the Founder and Principal of Narayan **/Nuh-RYE-uhn/** Strategy based in Arlington, Virginia where she helps her clients communicate about their weather, climate and aerospace priorities to decision makers.

A few facts:

• Renée began her work in climate adaptation as a Fulbright research scholar studying human

interactions with wildlife in Malawi, Zimbabwe and Botswana.

• Renée's focus on weather and satellites began in earnest as a Presidential Management Fellow at NOAA where they served as a civil servant for nearly a decade, advising two NOAA administrators on the agency's satellite programs together with Congress and the White House

• Renée is an active member of the AMS, serving as a member of its International Affairs and Radio Frequency Allocation Committees, and was involved with organizing the annual AMS Washington Forum for more than ten years.

• In January 2022, Renée received AMS' Kenneth Spengler Award for her leadership in the weather enterprise on both international and radio frequency policy activities.

• Renée previously served as an Advisory Council Member to the Millersville University Department of Earth Sciences and is a current board member of the National Spectrum Management Association.

• Renée has a bachelors degree in biology and anthropology from Bates College in Lewiston, Maine and a masters of public policy degree from American University in Washington, DC.

• Renée lives in Alexandria, Virginia with her beagle named Dixon.



Mr. Chris Gloninger

Chris Gloninger has worked as a broadcast meteorologist since 2006, having earned his BS in meteorology from Plymouth State University; he also was awarded his Certified Broadcast Meteorologist (CBM) accreditation from The American Meteorological Society. Chris has worked at Rochester and Albany, New York; Saginaw, Michigan; Milwaukee, Wisconsin: Boston, Massachusetts, and Des Moines, Iowa.

During his career, Chris forecast and covered all types of weather: hurricanes, blizzards, flooding, historic ice floes. He was sent to cover Hurricane Sandy in New York; Hurricanes Irma and Dorian in Florida; Hurricane Harvey in Houston and Hurricane Florence in North Carolina. He covered EF 4 tornado in Illinois; ice floes in Michigan and flooding in upstate New York after Hurricanes Lee, Irene and Sandy. Chris also covered flooding events in Boston. Chris' working with both the police and fire departments during college was an invaluable resource giving him the ability to effectively communicate with first responders while covering storm aftermath. Chris is known for his excellence in severe weather forecasting. Chris has been awarded three EMMYs, and Wisconsin Broadcaster awards.

During his time in Boston, Chris earned his MS in Emergency Management from Millersville University in Pennsylvania. He also began the nation's first weekly Climate Change broadcast. He hosted a weekly online Q&A with some of Boston's top scientists; all to bring attention to the Climate Crisis.

For the past two years, Chris has been Chief Meteorologist at KCCI in Des Moines, Iowa leading a team of qualified meteorologists. During this time, Chris was also working for Arcadis in climate mitigation and resilience taking on many different roles as needed. Chris wrote, helped film, edited, interviewed and voiced over the Arcadis 10 years after Sandy achievements. Most recently, Chris was awarded the Certified

Consulting Meteorologist (CCM) from the American Meteorological Society. During the summer of 2023 Chris fully transitioned to climate consulting, full-time, at Woods Hole Group on Cape Cod.



Mr. Paul Higgins

Paul Higgins is an Associate Executive Director of the American Meteorological Society (AMS). In this role, he oversees the AMS Policy Program. He is also a senior scientist with the American Meteorological Society Policy Program. Paul specializes in global change and its causes, consequences, and potential solutions. He works to inform policy makers, members of the media, and the general public about climate science and climate policy. In 2011, he was named a Google Science Communication Fellow. From 2005-2006 he was a Congressional Science Fellow in the United States Senate, where he worked on climate policy. From 2003-2005 he was a National Science Foundation postdoctoral fellow at the University of California. He is a former fellow of the Department of Energy's Global Change Education Program. Dr. Higgins received Ph.D. and M.S. degrees from Stanford University and a B.S. from The University of Michigan.



Mr. James E. Lee

Since September 2004, James (Jim) Lee has been Meteorologist-in-Charge (MIC) of the National Weather Service Baltimore/Washington Weather Forecast Office. From December 2000 to his appointment as MIC in 2004, Jim was the Chief of Fire and Public Weather Services at National Weather Service Headquarters in Silver Spring, Maryland.

From 1993 to 2000, Jim spent seven years as the first Science and Operations Officer (SOO) of the National Weather Service Boston Weather Forecast Office. Jim started his NWS career in the early 1980s, working in development, test, and acquisition of the Next Generation Weather Radar (NEXRAD) Program and the Advanced Weather Interactive Processing System (AWIPS) Program.

Jim has a Master's degree in Civil Engineering with specialization in Remote Sensing from Virginia Polytechnic Institute and State University; and a Bachelor of Science degree in Physical Science, with specialization in Meteorology and Mathematics from the University of Maryland - College Park.

Jim is a 2001 graduate of the National Weather Service Senior Leadership Potential Program. He has received numerous individual and group Special Act Awards, regional and local Isaac Cline Awards, and U.S. Department of Commerce Gold and Bronze Medals. He was presented the NWS Modernization Award, in recognition of exceptionally skilled and dedicate efforts towards the NWS Modernization of the 1990s. He was presented with the NOAA Distinguished Career Award for sustained career excellence, in recognition for his outstanding contributions to NWS operations, technology, and policy for his years of NOAA service. All-in-all, he has over 40 years of federal service, with 37 of those years service to NOAA/NWS.