



SAVE THE DATE

JAN
12

**19TH ANNUAL
COLOUR OF WEATHER
NETWORKING
RECEPTION**



Colour of Weather

**Marina Ballroom 1
Westin Waterfront Hotel
7:30 - 9:30PM**

CoWx fosters the development of more inclusive socio-professional networks within the atmospheric and related sciences, with an emphasis on broadening access for students and junior professionals from underrepresented ethnic groups. We invite all individuals committed to a more equitable, accessible, and inclusive AMS to attend!

SAVE THE DATE

Monday,
1-13-2020

8-10_{PM}

Marina Ballroom 3,
Westin Waterfront



The 11th annual Coriolis reception will bring together lesbian-gay-bisexual-transgender-queer (LGBTQ) friends and allies at AMS 2020. To build and sustain a more diverse and inclusive environment, we hope you will extend this invitation to your colleagues, students, and friends.



@AMS_BWM



Coriolis: LGBTQIA+Friends in AMS

Women in the Atmospheric Sciences Luncheon

Tuesday, 14
January 2020,
12:00-1:30pm,
Room 205C

WE ARE **AMS** WOMEN

SMART • STRONG • CONFIDENT
ADVANCING SCIENCE • SERVING SOCIETY

CELEBRATING

100



YEARS



One of *Time* magazine's 100 most influential people, **Susan Solomon** (1956 -) led expeditions to Antarctica to confirm theories of ozone depletion from CFCs and was awarded the 2007 Nobel Peace Prize for her work with the IPCC.

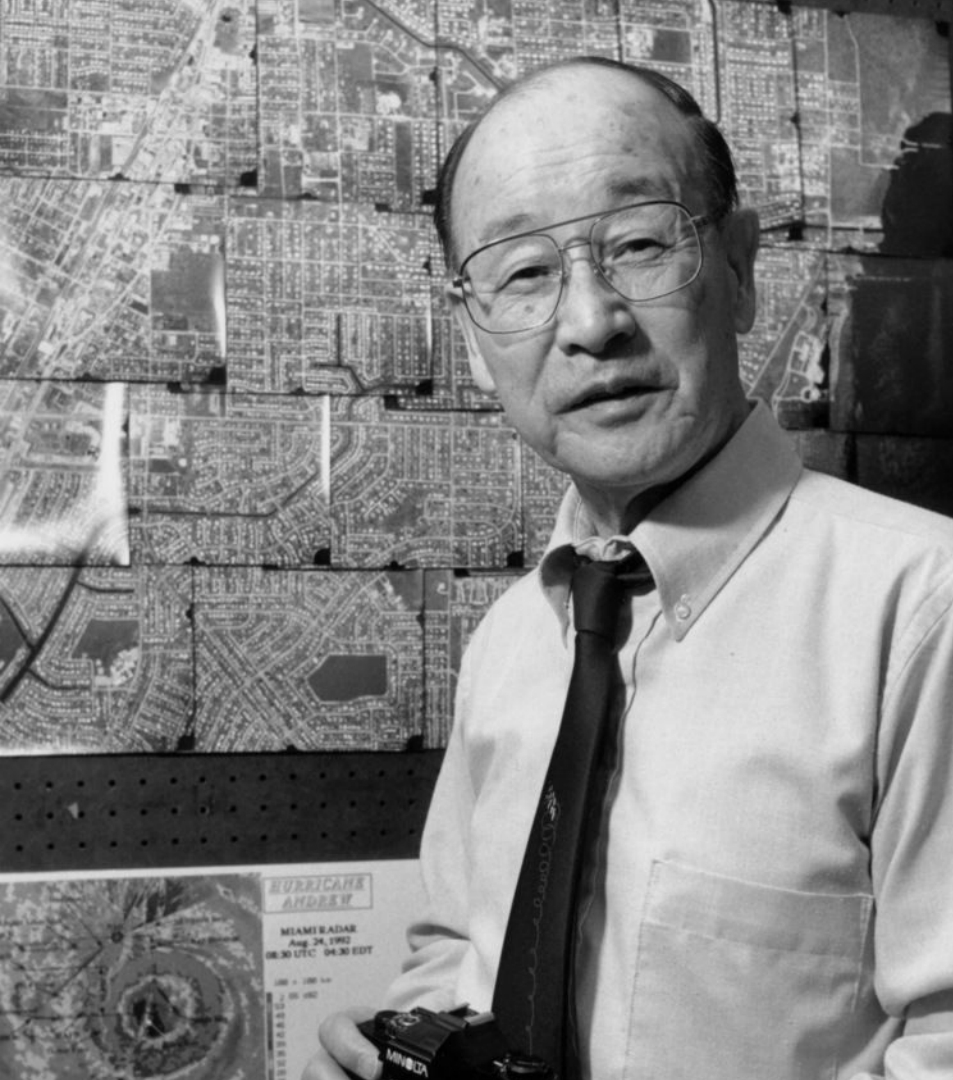
A gold medalist in the 1936 Olympics, **Archie Williams** (1915 - 1993) served as a lieutenant for the famed Tuskegee Airmen, teaching introductory flying skills and forecasting and mapping the weather.





A woman of firsts, **Joanne Malkus Simpson** (1923 - 2010) was the first woman to earn a doctorate in meteorology, the first person to develop a mathematical model of clouds, and the first female president of the AMS.





At the age of 27, **Tetsuya "Ted" Fujita** (1920 - 1998) observed a severe thunderstorm from a mountain in Japan and wrote a report detailing “downflowing air drafts” inside the storm. He would later devise the Fujita Tornado Scale and discover microbursts.



The 19th Annual Student Conference would not be possible without generous support from our sponsors:



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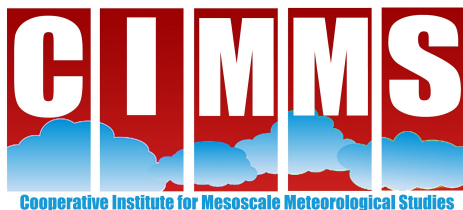
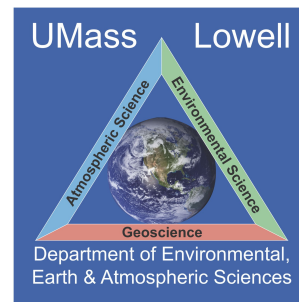
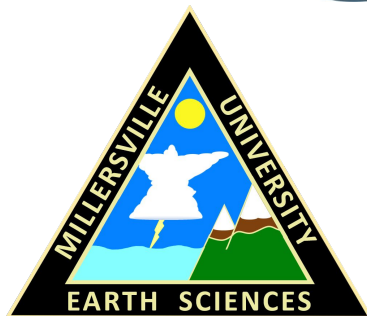


**Center for Western Weather
and Water Extremes**

SCRIPPS INSTITUTION OF OCEANOGRAPHY
AT UC SAN DIEGO



**Stony Brook
University**



PennState
College of Earth
and Mineral Sciences

**Department of Meteorology
and Atmospheric Science**

Appointed the first chief scientist of the U.S. Weather Bureau in 1871, **Cleveland Abbe** (1838 - 1916) developed a systematic observing system and founded the *Monthly Weather Review*.



Having chosen applied mathematics over music and medicine, **Inez Fung** (1949 -) found her niche studying hurricanes and climate modeling during her graduate studies and later conducted groundbreaking research on the carbon cycle.





As a doctoral student, **Joseph Smagorinsky** (1924 - 2005) used one of the world's first computers to make the first successful numerical weather prediction.

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ADVANCING SCIENCE, SERVING SOCIETY SINCE 1919



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Advised to attend business school by his high school counselor, **Warren Washington** (1936 -) became the fourth African American to earn a PhD in meteorology and served every presidential administration from Carter to Obama as a science advisor.





The first woman to receive a PhD in Meteorology from MIT, **Eugenia Kalnay** (1942 -) pioneered numerical weather prediction and served as director of the NCEP and NWS and branch head at NASA Goddard Space Flight Center.





Together with his college-aged son, Jacob, **Vilhelm Bjerknes** (1862 - 1951) introduced the modern-day understanding of polar front theory and how mid-latitude cyclones undergo birth, growth, and decay.





Despite a switch from the field of Biology early in university and earning a C in Physics, **Syukuro Manabe** (1931 -) helped to develop the first general circulation model and computerized greenhouse effect simulations in the late 1960s.



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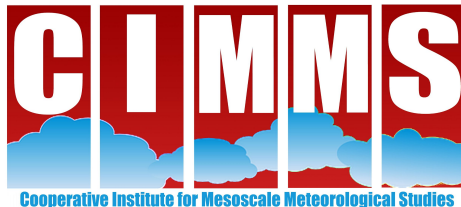
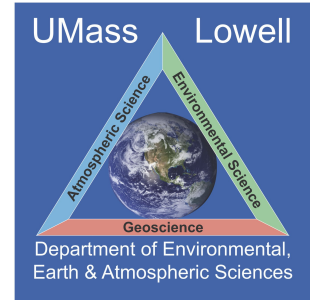
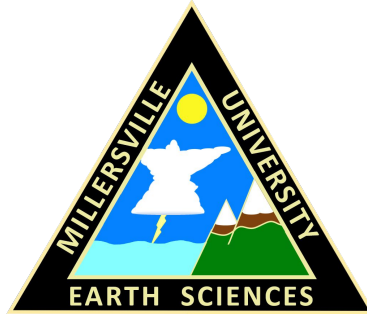


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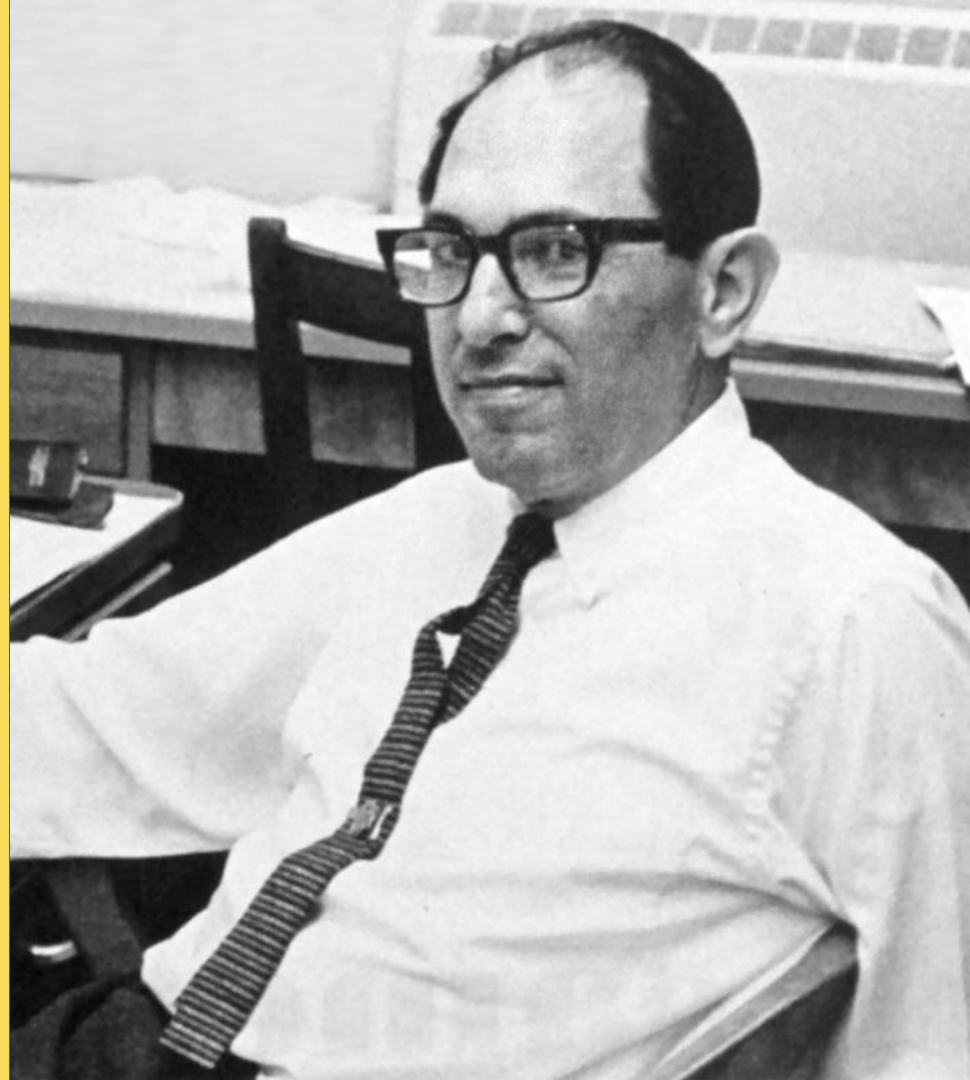
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Appearing on the Emmy Award-winning Showtime documentary series *Years of Living Dangerously*, **Katharine Hayhoe** (1972 -) has bridged the gap between the physical basis of climate change, societal impacts, and faith.



Publishing his milestone paper on air mass analysis in BAMS at age 24, **Jerome Namias** (1910 - 1997) developed methods for long-range forecasts and forecasted for the Allies in Northern Africa during World War II.





While working at a manufacturing company in India, **Veerabhadran Ramanathan** (1944 -) dreamed of graduate school in the U.S. Since then he pioneered the understanding of CFCs and met with Pope Francis and the Dalai Lama to discuss climate and faith.

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