

STAC-Level Awards for 2020

1. STAC Outstanding Early Career Award

Dr. Jennifer Vanos on behalf of the AMS Board on Environment and Health

Citation: For scientific contributions to furthering understanding of thermal comfort and heat strain, with a focus on protecting children, athletes, and outdoor workers, in the context of a changing climate

2. STAC Outstanding Early Career Award

Stephen M. Strader on behalf of the Board on Societal Impacts

Citation: For an outstanding early career scholar whose research has the potential to reduce the societal impacts of extreme weather events

3. STAC Distinguished Scientific/Technological Accomplishment Award

Caren Marzban on behalf of the Committee on Artificial Intelligence Applications to Environmental Science

Citation: For contributions to advancing applications of machine learning to environmental science, including extreme events, and strengthening the statistical framework and assessment

4. STAC Outstanding Early Career Award

Emily V. Fischer on behalf of the Committee on Atmospheric Chemistry

Citation: For outstanding scholarship and leadership in the field of atmospheric chemistry and exceptional work to diversify the geosciences

5. STAC Distinguished Scientific/Technological Accomplishment Award

Dr. Suzana J. Camargo on behalf of the Committee on Climate Variability and Change

Citation: In recognition of her profound and extensive contributions to problems in tropical climate variability and climate change

6. STAC Outstanding Service Award

Dr. Joshua K. Roundy on behalf of the Committee on Hydrology

Citation: For dauntless service to Committee on Hydrology, including improving annual meeting scope and Program Chair leadership during 2019 government shutdown

7. STAC Distinguished Scientific/Technological Accomplishment Award

David E. Rudack on behalf of the Committee on Probability and Statistics

Citation: For outstanding teamwork, mentoring, and contributions to the statistical forecasting program of the Meteorological Development Laboratory, National Weather Service

8. STAC Outstanding Service Award

Dr. W. Kent Tobiska on behalf of the Committee on Space Weather

Citation: For sustained service to the space weather community and successful advocacy for inclusion of the commercial sector in the enterprise

9. STAC Distinguished Scientific/Technological Accomplishment Award

Dr. Vijay Tallapragada on behalf of the Committee on Weather Analysis and Forecasting

Citation: In recognition of his exceptional leadership of the HWRF and FV3 model implementations and noteworthy scientific achievements in numerical weather prediction over a twenty-year period

10. STAC Distinguished Scientific/Technological Accomplishment Award

Dr. Gloria Manney on behalf of the Committee on Middle Atmosphere

Citation: For her extraordinary contributions to furthering understanding of stratospheric dynamics, polar processing, and tracer transport in the UTLS

11. STAC Outstanding Early Career Award (to be announced and presented at July 13-18, 2020 Mountain Meteorology Conference)

Dr. Ivana Stiperski on behalf of the Committee on Mountain Meteorology

Citation: For advancing fundamental understanding of boundary layers and turbulence in complex terrain and of mesoscale orographic airflow dynamics

12. STAC Outstanding Early Career Award (to be announced and presented at late July/early August 2021 Conference on Mesoscale Processes)

Prof. Kelly Lombardo on behalf of the Committee on Mesoscale Processes

Citation: For contributions to the fundamental understanding of mesoscale convective systems in heterogeneous environments near coastal zones and complex orography

13. STAC Distinguished Scientific/Technological Accomplishment Award on behalf of the Committee on Tropical Meteorology and Tropical Cyclones

(The awardee not be announced until presented at their conference which is now delayed to May 2021)