

## July 2015 STAC Newsletter

**Weather Analysis and Forecasting Conference:** The 27th Conference on Weather Analysis and Forecasting and the 23rd Conference on Numerical Weather Prediction were held from June 29-July 3, in Chicago, Illinois, organized by Weather Analysis and Forecasting Committee and members of the AMS community. With over 200 poster and oral presentations, the joint conferences kicked off the week with an emphasis on upcoming developments within NOAA's operational prediction suite and analysis of severe weather, and continued with presentations on winter weather, ensemble prediction, tropical cyclones, and forecasting tools. Outstanding student paper awards were provided for oral and poster presentations in both the WAF and NWP conferences. Special events included a Women's Dinner on Tuesday night, led by members of the program committee, and an opportunity to hear remarks from AMS President Dr. Sandy MacDonald during his visit to the conference on Wednesday morning. The conference also featured extended poster presentation breaks for Q&As and networking. The WAF committee sponsors the organization of the WAF/NWP conferences on an 18-month cycle that alternates between standalone meetings and participation at the AMS Annual Meeting. The next conferences, the 28th WAF and 24th NWP conferences, are currently planned for the 2017 AMS Annual Meeting in Seattle, Washington. [andrew.molthan@nasa.gov](mailto:andrew.molthan@nasa.gov)

**20th Conference on Atmospheric and Oceanic Fluid Dynamics:** The 20th biennial AMS Conference on Atmospheric and Oceanic Fluid Dynamics was held in Minneapolis, Minnesota, June 15-19 2015. About 200 scientists attended the meeting and there were 250 presentations, which is a record number for the AOFD conference. The meeting included oral and poster presentations covering a wide range of topics related to fundamental dynamical processes in the atmosphere and ocean. The meeting included new sessions on the coupling between moisture, clouds and the large-scale atmospheric circulation, AOFD in a changing climate and AOFD in high latitudes, which reflect emerging areas of scientific interest. In addition the meeting celebrated research inspired by the accomplishments of Prof. Peter Rhines from the University of Washington. Prof Rhines gave a talk at the banquet entitled "Engaging the Nature Deficit in the GFD Lab." For the second time the AMS sponsored a Women in Science luncheon, which was very successful. Seven student prizes were awarded. The awards for best oral presentation were: Ray Yamada (NYU/Courant Institute), Jorn Callies (MIT), Talia Tamarin (Weizmann Institute). The awards for best poster presentation were: Xiaozhou Ruan (CalTech), Angela Cheska Siongco (Max Planck Institute for Meteorology), Aaron L. Match (Cornell University) and Nadir Jeevanjee (UC Berkeley). Tiffany Shaw, [tas2163@columbia.edu](mailto:tas2163@columbia.edu)

**STAC Membership Renewal:** The STAC Annual Membership update process has now started. All STAC Board and Committee Chairs are asked to review their membership rosters to identify: members whose terms must be renewed, members who must rotate off the boards and committees due to term limits, and to identify new members by 1 October. Chairs should

complete the nomination form and provide vitae for each new member. *Put all the nominations for your board/committee together into a single email and send them to the STAC Commissioner.* It would be very helpful, but not required, to have everything in a single document as the STAC Commissioner has many of these to review. See the STAC web page for additional guidance and details: <http://www2.ametsoc.org/stac/index.cfm/chair-member-information/membership/> . Dave Stensrud, [david.stensrud@psu.edu](mailto:david.stensrud@psu.edu) .

**Student Membership:** Boards and Committees should have at least one student on their respective board or committee. AMS student chapters offer potential sources of student members. On request, we will provide chairs with the current contacts for all student chapters. David Stensrud, [david.stensrud@psu.edu](mailto:david.stensrud@psu.edu) .

**Student Travel Assistance for the Annual Meeting:** As we approach the August abstract deadline for the 2016 Annual Meeting, Board and Committee students may be considering their options for travel assistance. Students should visit the STAC web page for student opportunities: <http://www2.ametsoc.org/stac/index.cfm/student-opportunities/> . In addition to travel grants, there are opportunities for undergraduate students to work the annual meeting, running audio visual equipment, manning the help desk, etc. Application deadlines will be in early October. Stay tuned for additional information. Donna Fernandez, [dfernandez@ametsoc.org](mailto:dfernandez@ametsoc.org)

**Core Science Keynotes:** The Core Science Keynotes series is planned for the AMS 2016 Annual Meeting. The talks are intended to highlight, discipline by discipline, the history, foundational knowledge and research challenges that drive our field forward as a whole, as well as provide information on career opportunities with the specific or closely related field. Keynote speakers, nominated by their particular conference and approved by the Presidential Forum Organizing Committee, will summarize the state of current knowledge in their field. Each are being asked describe future research directions, the challenges, and expected benefits to both the discipline and to the society's broad science and applications directions including career opportunities within the enterprise. The Core Science Keynotes will be linked as a series in the program to facilitate attendance at several or all of these presentations. For additional information, contact Mary Cairns, [cairnsmm@gmail.com](mailto:cairnsmm@gmail.com).

**Weather Analysis and Forecasting Statement:** A revised AMS statement on Weather Analysis and Forecasting has been approved by the AMS Council. Thanks to those who served on committee during this three-year effort: Jay Martinelli, Richard Carpenter, Marty Baxter, Nate Johnson, Chad Gravelle, Rebecca Adams-Selin, Clark Evans, Neil Stuart, Yvette Richardson, and Bruce Telfeyan (chair) . You can view the statement at this link: [https://www.ametsoc.org/policy/2015\\_weather\\_analysis\\_and\\_forecasting\\_information\\_statement\\_ams.html](https://www.ametsoc.org/policy/2015_weather_analysis_and_forecasting_information_statement_ams.html)