Name of Institution: Colorado State University

Department Address: Department of Atmospheric Science, 1371 Campus Delivery, Fort Collins, CO 80523

Chapter Officers 2013-2014

Faculty Advisor: Jeffrey Pierce
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Treasurer: Bradley Wells
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Student Chapter Rep.

Email: (2013-14 officers only)

Total number of chapter members: 20

Did your chapter receive AAAR funds during 2013-2014? Yes
If yes, how much? $100

Describe chapter initiatives and activities during 2013-2014. If you received AAAR funds, please give a breakdown of how funds were used.

The CSU AAAR Student Chapter organized and participated in several events throughout the 2013-2014 academic year. During the summer, we completed a maintenance hike along the newly adopted Kreutzer Nature Trail in the nearby Poudre Canyon. We also took a tour of the CSU Engines Laboratory and many of our members presented and volunteered at the International Conference on Nucleation and Atmospheric Aerosols (ICNAA) Conference in Fort Collins, CO. Our AAAR Chapter hosted a summer BBQ to fundraise for CSU’s School is Cool community outreach effort. This event provides backpacks and school supplies to K-12 students in the community.

In September, we hosted our annual “Young Scientist Symposium on Atmospheric Research” at CSU. We invited graduate students and postdocs from the Colorado Front Range region to attend and present in a one day mini-conference. With over 60 participants from CSU, the University of Colorado, the University of Denver, the National Center for Atmospheric Research (NCAR), and the National Oceanic and Atmospheric Administration, we had 14 oral presentations, a weather balloon launch, an afternoon poster session, and ended the conference with a social event. Participants came from atmospheric science, chemistry, engineering, and environmental health fields.

For the rest of the fall semester, we volunteered as a group for the CSU Fall Clean-Up event which connects students with residents in the community who need assistance with their home yard care. We also had a fun science-oriented tour at a local brewery and were invited to host a booth at NCAR’s Annual Super Science Saturday outreach event. Our booth, titled “See and Smell Atmospheric Chemistry”, had hands-on activities that allowed attendees to discover why an object smells and why the sky is blue.

During the spring semester, we organized a trip to the NCAR/Wyoming Supercomputing Center in Cheyenne, WY. Attendees were given a tour of the facility and learned what it takes to maintain a supercomputer running smoothly. During spring break, AAAR organized a trip to Storm Peak Laboratory, where students took snow samples to be analyzed in the lab for their ice
nucleating properties. Three of our members participated in the Earth Explorer's program, where they interacted with middle school children, conducting an experiment related to the member’s research, and helped children to make a slide show presentation of the experiment. Students also participated in CSUnity, which provided an opportunity to volunteer around our community performing yard work.

Throughout the 2013-2014 year we have held regular meetings, monthly journal club discussions, and various social activities to help new student members feel welcomed and get to know each other.

We received funding in April 2014 from AAAR and plan to use the funds to assist with our summer activities (e.g. School is Cool summer fundraiser) and various outreach and volunteer activities during the 2014-2015 school year.

**What are your plans for the 2014-2015 school year?**
To end the spring semester, we plan to visit the U.S. National Ice Core Laboratory. Throughout the summer, we plan to have fundraising activities, such as hosting movie nights and designing/selling departmental t-shirts, as well as continuing monthly journal club and our annual trail maintenance hikes. We will be hosting the Young Scientist Symposium on Atmospheric Research and collaborate with the local AMS student group as well as students at other institutions. Finally, we will continue our efforts of participating in educational outreach activities and explore additional venues for these activities.

Report prepared by: __Annareli Morales_________ 4-24-14  
(signature – electronic OK)  
(date)  

Faculty Advisor: ____________________________ 4-24-14  
(signature – electronic OK)  
(date)  

Please return completed report:

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