



Undergraduate Research Mentor Award

Geoscience Division
Council on Undergraduate Research

2012 Award Winner Tracy Holloway, Univ. of Wisconsin Madison

The Geoscience Division of CUR annually recognizes an individual who serves as a role model for productive and transformative student-faculty mentoring relationships and for maintaining a sustained and innovative approach to the enterprise of undergraduate research.

Evidence of transformative student-faculty mentoring relationships include: leadership in fostering and sustaining the undergraduate research enterprise, student-mentor collaborations culminating in presentations at national or regional meetings and/or publication with student co-authors in peer-reviewed journals, and innovative approaches to involving undergraduates in research experiences incorporating research activities into the classroom and service learning.



The 2012 Undergraduate Research Mentor Award is presented to Tracey Holloway who teaches and does a great deal of research with a diverse range of undergraduates at the University of Wisconsin Madison's Center for Sustainability and the Global Environment (SAGE) in the Nelson Institute for Environmental Studies, in the Department of Atmospheric and Oceanic Sciences, and in the Department of Civil and Environmental Engineering.

Tracey's nominators have all remarked on how successfully she has translated the excitement of her cutting edge research program in atmosphere science for a diverse range of undergraduates with majors ranging from environmental sciences, geography, computer science, and oceanic studies. She skillfully and enthusiastically integrates her undergraduate researchers into her lab group. She inspires her students to "think" big", apply quantitative skills to complex systems level research questions, and give them ownership and engage with them as partners in the enterprise.

As one nominator remarked, her undergraduate researchers are not merely supporting characters in her group, but they often play a lead roles from the development of new software tools to sharing research results with colleagues at professional conferences. Her investment in the undergraduates in her research team (and in the words of one student her "unrelenting support") is making a major contribution in shaping both their lives and their careers.