



THE DWIGHT CAMPER OUTSTANDING UNDERGRADUATE RESEARCH AWARD

The Dwight Camper Outstanding Undergraduate Research Award honors an undergraduate student or team that has performed outstanding research as an undergraduate student in any of the scientific fields supported by the SC Academy of Science. This award consists of an honorarium of \$300 and a handsomely framed certificate that is presented in a special ceremony at the South Carolina Academy of Sciences annual meeting.

The award is presented in memory of the late Dr. Dwight Camper, Professor Emeritus in Plant Physiology at Clemson University. Dr. Camper served two terms as President of the South Carolina Academy of Science. He taught many graduate-level plant physiology courses as well as a very popular undergraduate class titled Plant Medicine, Magic and Murder. Dr. Camper's course was the first exposure most students had to Plant Medicine and led many students to pursue research projects in his laboratory. These students benefited from his rigorous guidance while learning to use the scientific method to arrive at meaningful conclusions. He appreciated students who demonstrated a passion for research and approached it with an inquisitive mind, creativity and perseverance. Dr. Camper's encouragement and can-do attitude enabled his students to become successful researchers. He felt deeply that research findings should be shared enthusiastically with others and encouraged his students to participate in the South Carolina Academy of Sciences as an avenue to communicate their discoveries. The Dwight Camper Award was presented for the first time in 2011 to a team of three students from Clemson University conducting research with medicinal plants.

CRITERIA AND APPLICATION PROCEDURES

This prestigious award honors undergraduates with a GPA of 3.0 or better who have engaged in research for at least one year and whose research has or will contribute to the generation of a science publication. The nomination form is available at the Academy's website at www.scacademysci.org (click on awards).

A complete application consists of the nomination form, a letter of recommendation from a professor familiar with the student's research, an abstract of their research and a copy of the student's university transcript. To be considered for this award – the nominee must have submitted an abstract to the SCAS Annual Meeting (held annually in April) and have made plans to give an oral presentation of their research at the meeting.

Past Recipients

2013 Kimberly Klas, Brett Hoover, and Brenna Norton-Baker
College of Charleston, Department of Chemistry
2015 McKenzie Perdue, University of South Carolina Columbia

Please see page 21 for the 2017 nominees.

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The following entries have been nominated for 2017 award:

EFFECT OF BOT FLY (CUTEREBRA FONTINELLA) PARASITISM ON THE MOVEMENT AND
MICROHABITAT SELECTION OF WHITE-FOOTED MICE (PEROMYSCUS
LEUCOPUS)

Allison Johnson, University of South Carolina Upstate

IDENTIFYING WHICH SUBCELLULAR COMPARTMENTS IN THE BRAIN EXPRESS PDE9A
AND HOW THAT EXPRESSION CHANGES WITH AGE

Neema Patel, School of Medicine, University of South Carolina

INVESTIGATION OF MORINGA OLEIFERA LEAF EXTRACT AND ITS CANCER SELECTIVE
ANTIPROLIFERATIVE PROPERTIES

Reagen Welch, Southern Wesleyan University