Murray F. Buell ascribed great importance to the participation of students at meetings and to excellence in the presentation of papers. To honor his dedication to the Ecological Society of America and to the younger generation of ecologists, this award is presented to a student for the outstanding oral paper presented at the Society's annual meeting.

The 1990 winner of the award is Robert B. Jackson for his paper, "Rapid physiological adjustment of roots to localized soil enrichment." Robert received his bachelor's degree from Rice University in chemical engineering and his master's degree from Utah State University. He is concurrently working toward his doctorate in the Department of Range Science at Utah State University, where his advisor is Dr. Martyn Caldwell, and toward another master's degree in statistics.

Receiving honorable mention citations are Pierre O. Berner of the University of Florida for his paper, "Dynamics of a tropical montane oak–bamboo forest in Costa Rica: effects of slope," and Reuven Yosef of Ohio State University for his paper, "The proximate costs and benefits of polygyny to male Northern Shrikes, Lanius excubitor."

1990 Student Awards Selection Committee:
Nancy Eyster-Smith, Chair
Laura Huenneke
Elaine Ingham
John Kricher
Don Levitan
Kel Weider

E. Lucy Braun was an eminent plant ecologist and the first woman president of the Ecological Society of America. Besides describing and mapping the deciduous forest regions of eastern North America, Lucy Braun served as a dedicated teacher and role model to her students. To honor her, this award is presented to a student for the outstanding poster presentation at the Society's annual meeting.

The 1990 winner of the award is Barbara A. Roy for her poster, "Pollinator theft by a fungus," based on research done at the Rocky Mountain Biological Laboratory. Bitty Roy received her bachelor's degree from Evergreen State College and her master's degree from Utah State University.
Southern Illinois University. She is currently working toward her doctorate at Rancho Santa Ana Botanic Garden, Claremont, California. Her advisor is Dr. Paulette Bierzychudek at Pomona College.

Receiving honorable mention citations for posters are Bruce K. Orr of the University of California–Berkeley for his paper, "Interactions among aquatic macrophytes, predators, and mosquitoes," and Elizabeth J. Queathem of the University of Utah for her paper, "The mechanical causes of ontogenetic fluctuations in jumping ability in the grasshopper Schistocerca americana."

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DISTINGUISHED SERVICE CITATION

Donald Buermann Lawrence

Army Air Corps during World War II, he returned to the University of Minnesota and soon undertook studies of glacial history in southern Chile and New Zealand, in addition to his work in Alaska. In the late 1950s, he pioneered work on the energy relations in terrestrial ecosystems at the Cedar Creek Natural History Area in Minnesota, a now world-famous research site that he helped to establish. Later in his career, he became interested in ethnobotany, the migration of people to the New World, and the aboriginal names of plants, animals, and places.

Don Lawrence began his service to the Ecological Society of America as a member of the Editorial Board of Ecology from 1940–1942. He was chairman of the Life History Committee from 1947–1949, remained on the Committee through 1957, and again served as its chair from 1957–1959. This committee coordinated the series "Outline for Life History Studies of . . ." that appeared in Ecology for almost a decade, and has proved immensely useful to myriads of ecology students ever