

UC SANTA BARBARA

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## UC's Sustainability Champion

[David Auston](#), executive director of UC Santa Barbara's [Institute for Energy Efficiency](#), has been named the University of California Sustainability Champion for 2015, an honor that acknowledges his tireless efforts on behalf of the systemwide Carbon Neutrality Initiative.

Auston has been the initiative's "MVP," said UC Chief Operating Officer Rachael Nava, as she presented the award.

Auston has fostered new kinds of collaborations between researchers and facilities managers, helping build connections that will be essential for UC to reach the initiative's ambitious goal of emitting zero-net greenhouse gases from operations by 2025.

"He has successfully built those bridges and, in so doing, put the Carbon Neutrality Initiative on the path to success," Nava said July 21 during an awards ceremony at the California Higher Education Sustainability Conference hosted by San Francisco State University.

Auston, along with Sandra Brown of UC San Diego, co-chaired the UC Global Climate Leadership Council's Applied Research Working Group, which UC President Janet Napolitano tasked with making recommendations on how UC's scientific and operational innovations can help the university become carbon neutral.

"I'm very honored and was certainly not expecting it," Auston said of being named UC Sustainability Champion.

Auston and Brown also co-chaired a workshop in October at UCSB that brought together researchers and sustainability officers from UC campuses, the Division of Agriculture and Natural Resources, and the UC-affiliated national laboratories at Berkeley, Livermore and Los Alamos. Their discussions formed the basis for recommendations on applied research priorities for the Carbon Neutrality Initiative.

Auston was also the co-organizer of a first-of-its-kind meeting between power providers, water utilities, regulators and researchers from across the western United States who looked at how to better manage and regulate electricity and water in ways that conserve both resources.

Other collaborations are in the works, including a conference in the fall that is expected to draw scientists and climate experts from UC and around the world. The summit is an outgrowth of the research workshop held last fall at UCSB and will showcase climate solutions developed by UC that will help the state, nation and world aggressively reduce greenhouse gas emissions.

The [Carbon Neutrality Initiative](#), launched by Napolitano in 2013, has been an impetus for collaboration throughout the UC system, Auston said.

“It’s been a wonderful vehicle that has helped us to work together as a single university,” Auston said. “There are a great many talented faculty, staff and students in the 10 campuses and three affiliated national laboratories. We can accomplish many wonderful things if we can harness the full potential of the UC system.”

Napolitano has called carbon neutrality “a monumental objective” for UC. If it meets its 2025 target, UC would be the first major research university to accomplish it. Auston is confident it can be done.

“I’m very optimistic that we will achieve the goal, as ambitious as it is,” he said. “We’re learning a lot along the way, and there is great educational value for students. They’re a key part of it. It’s their future.”

An electrical engineer and physicist, Auston’s career has spanned academia and industry.

Auston was president of the Kavli Foundation, a philanthropic science organization, prior to joining the Energy Efficiency Institute in 2009. He was president of Case

Western University in Cleveland, served as provost of Rice University in Houston, and was a professor and dean at Columbia University. He began his career as a researcher at what was then Bell Laboratories in 1969.

A native of Toronto, he holds a bachelor's degree in engineering physics and master's degree in electrical engineering from the University of Toronto. He earned a Ph.D in electrical engineering from UC Berkeley in 1969.

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## **About UC Santa Barbara**

The University of California, Santa Barbara is a leading research institution that also provides a comprehensive liberal arts learning experience. Our academic community of faculty, students, and staff is characterized by a culture of interdisciplinary collaboration that is responsive to the needs of our multicultural and global society. All of this takes place within a living and learning environment like no other, as we draw inspiration from the beauty and resources of our extraordinary location at the edge of the Pacific Ocean.