

## The 16th Heinz Awards



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SEPTEMBER 21, 2010**

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### **Stanford Professor Honored With Prestigious 2010 Heinz Award Gretchen Daily calculates the financial benefits of preserving the environment.**

PITTSBURGH, September 21, 2010 – Teresa Heinz and the Heinz Family Foundation today announced Gretchen Daily, Ph.D., as a recipient of a Heinz Award. A globally renowned scientist and professor, Dr. Daily is being acknowledged for her innovative work to place a value on the services provided by natural ecosystems (clean air and water, food, etc.), which has resulted in increasing momentum towards the conservation of the environment. She lives in Stanford, Calif.

Dr. Daily has shown important and unique global leadership in advancing a new vision that harmonizes conservation and human development. Her work illuminates the many valuable benefits that flow from “natural capital” – embodied in Earth’s lands, waters and biodiversity – to supporting human well-being. To mainstream these values into resource decisions of people, governments and corporations, Dr. Daily co-founded the Natural Capital Project, which is creating InVEST, a computer software program helping decision makers identify the locations where conservation should be a top priority because the ecological services provide a high economic value. InVEST is being used in key policy decisions around the world, such as in China, where 25 percent of land is being zoned for conservation for the provision of flood control, hydropower production, water quality, biodiversity and other benefits.

The Heinz Awards, in their 16<sup>th</sup> year, honor Dr. Daily and nine other environmental innovators.

“In the past, the relationship between ecosystems and human prosperity has been easy to overlook,” said Dr. Daily. “Nature was abundant and free. But with 7+ billion people, nature can no longer sustain an all-you-can-eat buffet. It’s time to realize our dependency on natural capital and make strategic investments in it.”

The Heinz Awards annually honor the late U.S. Senator John Heinz’s long-standing commitment to the environment. This year’s awards, totaling \$1 million, recognize individuals who are addressing global change caused by the impact of human activities and natural processes on the environment.

Dr. Daily has played a revolutionary role in developing theories on how land development can benefit both the people and the habitat of a region.

“The enormous financial benefits nature provides are often overlooked,” said Teresa Heinz, chairman of the Heinz Family Foundation. “Dr. Daily calculates how economic and environmental interests line up, making a compelling case for preservation.”

More than a decade ago, Dr. Daily edited a collection of essays called *Nature’s Services* which outlines how ecosystems are generated, how humans affect them and how to maintain these services and human activity. The composition has served as a model for ecosystems regulation in several regions of the world and was a catalyst for the U.N’s Millennium Ecosystem Assessment.

Along with her research and environmental activism, Dr. Daily contributes to educating the next generation of scientists as a professor at Stanford University.

In addition to Dr. Daily, the 16<sup>th</sup> Heinz Awards are honoring the following individuals:

- **James Balog**, Extreme Ice Survey (Boulder, Colo.) *For his dramatic use of photography to document the devastation of global warming*
- **Terrence Collins, Ph.D.**, Carnegie Mellon University (Pittsburgh, Pa.) *For using “green chemistry” to detoxify hazardous chemicals and training the next generation of scientists*
- **Richard Feely, Ph.D.**, National Oceanic and Atmospheric Administration, Pacific Marine Environmental Laboratory (Seattle, Wash.) *For his extraordinary efforts to identify ocean acidity as global warming’s “evil twin”*
- **Cary Fowler, Ph.D.**, Global Crop Diversity Trust (Rome, Italy) *For establishing the Global Seed Vault to conserve genetic diversity of the world’s food plants despite climate change*
- **Lynn Goldman, M.D.**, George Washington University (Washington, D.C. and Baltimore, Md.) *For promoting regulation of dangerous chemicals and expanding citizens’ right to know about pollution in their communities*
- **Elizabeth Kolbert**, *The New Yorker*, (Williamstown, Mass.) *For her groundbreaking environmental journalism and devotion to informing readers*
- **Michael Oppenheimer, Ph.D.**, Princeton University (Princeton, N.J. and New York, N.Y.) *For assessing the impacts of global warming and air pollution, and working for policies to prevent future harm*
- **Daniel Sperling, Ph.D.**, University of California, Davis (Davis, Calif.) *For advancing sustainable transportation policies and accelerating the transition to low-carbon alternative fuels nationwide*
- **Frederick vom Saal, Ph.D.**, University of Missouri (Columbia, Mo.) *For uncovering health problems linked to the chemical BPA*

### **About the Heinz Awards**

The Heinz Family Foundation, one of the Heinz Family Philanthropies, began as a charitable trust established by the late U.S. Senator John Heinz. His widow, Teresa Heinz, established the Heinz Awards in 1993 to honor and sustain the legacy of her late husband.

Nominations for the Heinz Awards are submitted by invited experts, who serve anonymously. Award recipients are selected by the board of directors for the Heinz Awards upon recommendation by a blue-ribbon panel of jurors.

In addition to the \$100,000 award for their unrestricted use, recipients are presented with a medallion inscribed with the image of Senator Heinz on one side and a rendering of a globe passing between two hands on the other.

The Heinz Awards will be presented at a ceremony in Washington, D.C. on November 15. For more information about the Heinz Awards, Heinz Family Foundation or the recipients, visit [www.heinzawards.net](http://www.heinzawards.net).