

Allergan EHS Achievement Award

The EHS Achievement Award will be given periodically to an individual or group within Allergan that contributes to an Allergan EHS enhancement such as waste minimization, recycling programs, hazardous material substitutions with non-hazardous materials, waste source reduction, waste reuse and natural resource conservation in general. Allergan will contribute to a local community EHS project or program in the name of the Allergan individual or group which demonstrates EHS achievement.

Awards have been given to the following individuals or groups:

Award #1

In 1994, Mr. Michael Goerigk, a trainee working in Logistics and Operations at the Allergan Distribution Center located in Ettlingen, Germany, was the first recipient of the Allergan Environmental Achievement Award. The award is being presented in recognition of environmental enhancements in the area of pallet optimization and minimizing product packaging.

Michael has instituted a program in which shipping pallets are now reusable. Before, the pallets were "one-way" pallets being sent for disposal. Now, the pallets are made of a better quality wood and are repairable and reusable. The pallets are placed into a pool and when one pallet is delivered another pallet is returned for use at another facility.

Michael chose an organization called the Association for Nature local to Ettlingen, Germany, to receive the \$2,000 contribution. This organization is dedicated to preserving animals and forests in the area. Michael will also receive personal recognition and an award from Allergan.

Award #2

In 1994, Rafael Ramirez received the Environmental Achievement Award for innovative packaging designs that resulted in reductions in the amount of packaging. There was also a tremendous cost savings in materials required for packaging. Rafael chose a school located in Hormigueros, Puerto Rico to receive the \$2,000 contribution.

Award #3

In 1994, The Environmental Product Design Team received the Environmental Achievement Award for creating and beginning the implementation of the Environmental Product Design Criteria. The team consisted of Laura Davis representing pharmaceutical, Steve Passer and Mike Schroff representing IS, and Simanta Patel representing Surgical. The Team chose two organizations to receive \$1,000 contributions each, the Newport Conservancy and the Orange County Marine Institute. The Newport Conservancy is dedicated to preservation of the habitat located at the Newport Back Bay in California.

The Institute is dedicated to teaching young people about the impact that they have on the ocean environment.

Award #4

In 1994, Doug Ogura received the Environmental Achievement Award for his efforts involving the use of recycled-content paper for product information inserts, stationary, copiers and laser printers; replacing oil-based inks with soy-based inks; and eliminating isopropyl alcohol from the printing processes in Graphics at Irvine. Doug selected the Orange County Marine Institute to receive \$2,000 contribution. The Institute is dedicated to teaching young people about the impact that they have on the ocean environment.

Award #5

Members of the Green Team at Anasco, they participated in the following activities:

In November, 1991, Allergan (Anasco) began its recycling system. Personnel were trained and activities were performed inside and outside the plant. The recycling of paper, cartons, aluminum, and toners helped reduce the rent on the waste disposal containers by \$1,200 per year.

Outside efforts included assisting with establishing recycling programs in the city schools. The students contribute by bringing aluminum from their homes. This brings in approximately \$27/month to the school.

Hazardous Waste disposal has been reduced over 50% during the past four years.

In 1995, the team was elected as an Environmental Achievement Award winner. The team selected a local school to receive the \$2,000 award - "Escuela Parcelas Maria". The money will be used to establish a recycling program at that school.

Award #6

In 1996, Donna Whitson received the Environmental Achievement Award for reducing the amount of wastewater being generated by modifying existing quality control laboratory methods at the Allergan Medical Optics facility in Lenoir, North Carolina. Donna selected the Trout Unlimited organization to receive the \$2,000 contribution. The organization is dedicated to preserving the natural trout population and habitat in local streams and rivers.

Award #7

Medical Plastics, located in Santa Ana, California, design team was recognized for reusing plastics in their bottle, tip and cap manufacturing process. In 1996, the team

selected the Surfrider Foundation to receive the \$2,000 contribution. The organization is dedicated to reducing pollution of the oceans.

Award #8

Medical Plastics, located in Santa Ana, California, Bill Messemer installed devices on molding machines that significantly reduced the amount of hazardous waste generated as well as reducing the frequency of changing machine fluids. In 1997, Bill selected the Environmental Nature Center to receive the \$2,000 contribution.

Award #9

Allergan, located in Guarulhos, Brazil, hazardous materials reduction team, headed by Paula Gomes, has eliminated chloroform from the process and is working to eliminate methylene chloride from the process. In 1997, the team selected the Associacao de Pesquisa Cientificae e Assistencia Social Instituto Hahnemann to receive the \$2,000 contribution.

Award #10

At Allergan AMO, located in Anasco, Puerto Rico, the Bioscrubber implementation team was recognized for their efforts in installing and operating this new technology for controlling isopropyl alcohol emissions. In 1997, the team selected the Escuela de la Comunidad Isabel Suarez de Anasco to receive the \$2,000 contribution.

Award #11

in 1998, at Allergan, located in Irvine, California, the Recycling Committee was recognized for the outstanding efforts in increasing recycling rates at the facility. The Team chose the Friends of the Sea Lion to receive a \$1,000 contribution. The Team also chose the Surfrider Foundation to receive a \$1,000 contribution. Both organizations are dedicated to reducing pollution of the oceans.

Award #12

In 1998, at Allergan, located in Waco, Texas, the Recycling Team was recognized for their efforts at increasing recycling activities within the facility significantly. The team selected the Hewett Parks and Recreation department to receive the \$2,000 contribution for the enhancement of local parks.

Award #13

In 1999, at Allergan, located in Westport, Ireland, the entire facility was recognized for their efforts in expanding an already excellent recycling program as well as for their efforts at reducing waste at the source. The team selected the Westport Tidy Towns Committee to receive the 2,000 Irish Pound contribution. The committee is part of an

organization within Ireland that is dedicated to establishing and maintaining recycling programs among other duties.

Award #14

In 1999, at Allergan, located in Irvine, California, Christine Garber was recognized for her efforts at organizing beach cleanup days at the Corona Del Mar State Beach. The Team chose the Orange County Marine Institute to receive \$2,000 contribution. The Institute is dedicated to teaching young people about the impact that they have on the ocean environment.

Award #15

In 2000, at Allergan, located in Irvine, California, Mike Schroff was instrumental in designing and placing Material Safety Data Sheets (MSDSs) on the Allerweb. This has made the availability of MSDSs at the manufacturing facilities more readily accessible to the employees who work with hazardous materials. This has enhanced the ability of EHS at each facility to provide clear and timely information for employees to access directly. This project has also eliminated the need for mailing, duplicating and printing these documents; thereby reducing the need for managing paper copies in multiple locations. This project has also saved a tremendous amount of paper and therefore trees. A donation of \$2,000 was made to Harbor View elementary School to be used for educational programs concerning environmental awareness, in particular, relating to the Newport Harbor Back Bay Ecological Preserve.

Award #16

In 2000, at Allergan, located in Irvine, California, Rose Perez researched and found fluorescent lamps made by Philips that are considered non-hazardous in California. Rose negotiated with Philips to ensure that the lamps were the same cost as regular fluorescent lamps previously being used. The change over of all the lamps on the Irvine campus over the next three years is in progress. This eliminates a major continuous hazardous waste stream from the Irvine Campus. Allergan donated \$2,000 to Cerritos Elementary School on Rose's behalf for the funding of school environmental activities.

Award #17

In 2001, at Allergan, located in Waco, Texas, the Allergan Waco Water Conservation Team successfully implemented a water conservation program that has reduced the water consumption at the facility by 23% or 12,300,000 gallons per year. This was done by implementing filtration and reuse of the reverse osmosis reject water and the air handling unit condensate water in the cooling towers supporting the central utility plant. These two projects are expected to save Allergan more than \$30,000 per year in water costs. The Team donated \$2,000 to the Lake Waco Wetlands Project.

Award #18

In 2002, at Allergan, located in Guarulhos, Brazil, the Allergan Brazil Energy Management Team has successfully implemented an energy conservation program that has reduced the energy consumption at the facility by 25%. This was done by implementing a number of projects including curtailing off hours and weekend lighting, manifolding the compressed air system and eliminating the use of two compressors, raising the chilled water set points, reducing lighting levels, and making steam/hot water on demand. The team has also informed the facility personnel concerning energy conservation and what they can do to help reduce the energy consumption. The Team donated approximately \$2,000 to Projeto Pomar, which purchased and installed water purification equipment used to treat Tiete River water prior to use as irrigation water for crops.

Award #19

The ongoing activities of the Allergan Irvine Recycling Committee, the 'Green Team' for Allergan headquarters, were recognized in 2003. The committee is composed of volunteers, meeting on a regular basis to address waste minimization, recycling and reuse activities in the covered areas. The team allowed the Irvine campus to exceed their recycling goal of 151 tons. Donations were made to the Share Our Selves (SOS) and to the 2004 Children's Water Education Festival.

Award #20

Allergan donated \$1,000 to the Orange County Children's Water Festival on behalf of the Allergan Irvine Recycling Committee. The Committee was able to increase the recycling rate from 23% to 36% in 2004.

Award #21

Allergan donated \$2,000 to the Red Cross Tsunami Relief effort underway in the effected Asian countries. Allergan was able to make this donation through Allergan's Environmental Achievement Award Program that recognizes the ongoing activities of Allergan's Waste Minimization and Recycling Committees worldwide. The committees are composed of Allergan volunteers, meeting on a regular basis to address waste minimization and recycling activities in their locations. The Committees allowed Allergan to exceed its recycling rate goal of 50% (actual rate was 52%). These Committees also allowed Allergan to reduce hazardous and solid waste going offsite for disposal in 2004 by 3% and 25%. The revenue and cost savings totaled more than \$300,000 in 2004.

Award # 22

Allergan recognized the ongoing activities of Allergan Pharmaceuticals Ireland and Allergan Botox Ireland Waste Green Teams. The Teams are composed of Allergan volunteers, meeting on a regular basis to address waste minimization and recycling activities in their locations. The Teams allowed Allergan to exceed its recycling rate goal

of 50% (actual rate at the Westport locations was 72%). These Teams also allowed Allergan to reduce hazardous and solid waste going offsite for disposal in 2005 by 35% and ~20%, respectively. These Teams achieved revenues and savings of approximately \$452,375 in 2005. Checks for \$5,000 were donated to two Westport schools to promote community outreach, recycling and natural resource conservation education programs.

Award #23

Allergan donated \$1,000 to the Orange County Children's Water Festival on behalf of the Allergan's Recycling Teams. The Teams was able to increase the recycling rate from 45% to 54% in 2005.

Award #24

Allergan donated \$1,000 to the Orange County Children's Water Festival on behalf of the Allergan's Recycling Teams. The Teams was able to increase the recycling rate from 54% to 58% in 2006.

Award #25

Application is submitted to recognize the ongoing activities of Allergan Medical EHS Team. The Teams are composed of Allergan volunteers, meeting on a regular basis to address waste minimization and recycling activities in their locations. This new facility has established a waste reduction and recycling program that has already increased recycling from 800 lbs in 2006 to a projected 18,000 lbs in 2007.

Award #26

Application is submitted to recognize the exemplary EHS performance of Allergan Westport. The Teams have accomplished implementing several new programs related to both environment and health and safety. The site has established the most robust risk assessment and job hazard analysis process in the company. Several facilities are taking these processes and implementing them at their facilities. The links between Lean Six Sigma and utility consumption reduction have tremendous rewards both in consumption reductions and avoided cost (3% reduction in electrical consumption, a 5% reduction in gas consumption, and an avoided additional cost of ~\$200,000 in 2007). The product/process introductions over the past year have been extremely difficult to manage for internal and external EHS regulatory reasons but the site has been successful at ensuring that these projects are implemented in the best EHS manner possible and on time. The incident rate and processes instituted to keep this rate down are ones that are admired and emulated throughout all Allergan locations. Recognition by National Irish Safety Organization is just one example of the external recognition that Allergan Westport received this year for its exemplary health and safety programs and performance. Finally, the waste minimization have been extraordinary during the past few years but this year in particular had extremely good performance (> 80% of all waste is now recycled at Westport; this has resulted in revenue from recycling of \$510,000 in 2007).