



Doing Good By The Numbers

A Review of 2012 Social Investment
by the Shell U.S. Regional Coordination Team



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ABOUT SHELL IN THE UNITED STATES

Shell is a global energy company operating in more than **90** countries with more than **93,000** employees. In the United States, Shell employs more than **22,000** people and has a presence in all **50** states, with major operations in Texas, Louisiana and California. For more than **50** years Shell has contributed more than **\$1 billion** across the United States to support communities, enrich the environment and impact education.

PARTNERING FOR SUSTAINABLE RESULTS

100 leaders for two days.

That's the number of nonprofits represented at the Shell 2012 Country Chair Partner Forum held in Houston in June 2012. The two-day meeting featured guest speaker Curt Weeden, president, Business & Nonprofit Strategies, who shared a new business approach to philanthropy, and Jeff Frey, assistant director of Technology Solutions, Rice University, who discussed the value of social media for nonprofits. A panel of community relations representatives from Halliburton, Waste Management, BBVA Compass and KPMG gave nonprofit representatives an opportunity to hear what other corporations look for in social investment partners.

Forums like this provide valuable communications and sharing between Shell and leaders of the nonprofit groups we support. They enable us to enhance our work together to make our communities better places to live and work, protect and improve our environment and strengthen education for our future workforce. Together, we can achieve measureable results and make a sustainable difference in our future.



NUMBERS MATTER IN BUSINESS.

They help track profitability and measure success. They indicate areas for improvement and signal new opportunities for investment.

Shell believes the social investments we make must have clear measureable results, too. That's why we track and measure the impact of the environmental, community and education programs we support. From the miles of shorelines protected to the number of students impacted to the amount of people served in the community, we're working with our partners to track our progress in creating sustainable impact.

Last year, Shell businesses in the U.S. invested more than **\$19.5 million** in social investment activities. This includes the Shell U.S. Regional Coordination Team investment of **\$7.5 million** with **129** national and local nonprofit organizations.

This document highlights the programs managed by the Shell U.S. Regional Coordination Team and shares important data about how we're making a difference.

At Shell, we believe in doing good, by the numbers.



SHELL EMPLOYEES JOINED HOUSTON MAYOR ANNISE PARKER AND OTHER BUSINESS AND CIVIC LEADERS FOR THE KICKOFF OF NEIGHBORHOOD CENTERS' FOR GOOD INITIATIVE.

A LETTER FROM FRAZIER

9 BILLION PEOPLE.

That's the estimate of the world's population by the year 2050 – an increase of more than 2 billion over today's current population. This population growth, along with improved standards of living in developing countries, will increase pressure on our planet's finite resources of water and food and will require twice as much energy as we use today.

At Shell, we see a "stress nexus" between the interlocking demands for food, energy and water. Food requires energy to cultivate, energy puts demands on water supplies and water is needed to grow crops. There is a vital need to manage the demand and supply of these resources more intelligently. The solutions will require not only understanding how the use of those resources affect each other, but also working across sectors to develop and implement solutions.

To help meet these challenges, Shell is investing in research and development to advance safer, more efficient and sustainable operations, products and services. We are also partnering with governments, industry sectors, customers and nonprofits to innovate smarter ways to optimize the supply and use of water, food and energy and to develop the people and technology to create a sustainable energy future.

We believe that as a global energy company, we have a role to play in shaping our future. Our license to operate depends on it. Our commitment begins in the communities where we live and work. By working with our communities to address critical social needs, together we can create a vibrant environment for growth and opportunity.

Technology also will play a key role in our ability to develop solutions to the challenges created by the stress nexus. Shell will need qualified scientists, technologists, engineers and mathematicians to innovate solutions to our energy challenges and to help us maintain our competitive edge. That's why Shell supports organizations that are helping fill the talent pipeline by inspiring students to pursue careers in science, technology, engineering and math.

As we work to solve our energy challenges, we must also be mindful of the importance of protecting our natural resources. Today, Shell is working to understand our own resource footprint – especially our use of water – and is investing in ways to reduce our footprint dramatically. It is vital that we preserve and protect healthy ecosystems and biodiversity in our nation's wetlands. Shell is working with organizations across the nation to create dialogue about this important issue and supporting projects that protect and enhance these vital habitats.

Throughout this report, we share some of the ways we are working to make a sustainable impact to improve our communities, enhance education and protect our environment. And we highlight some of our many partners who are joining us on this journey. The numbers show that we're making a significant difference.

We believe it will take a holistic approach to manage the stress nexus. This starts by understanding the connections between energy, water, food and climate systems. And it requires a new contract between business, government and society – one that values collaboration, shared priorities and innovation.



A handwritten signature in black ink that reads "Frazier K. Wilson".

Frazier Wilson, Ed. D.

Vice President, Shell Oil Company Foundation
Manager, Social Investment

PRESERVING AND PROTECTING THE ENVIRONMENT

80,000 ACRES.

That's how much the U.S. loses in wetlands each year.

Wetlands are one of nature's most productive ecosystems, supporting the lifecycle needs of more than 900 species of waterfowl and wildlife. They also serve as important filters of pollutants from water and help replenish ground-water supplies and increase flood storage during storms. Yet these important ecosystems are endangered. More than 90 percent of coastal wetland loss in the lower 48 states happens in Louisiana alone. The region's ability to support innumerable migratory birds, fisheries and other wildlife resources, as well as encourage valuable energy, tourism and shipping industries that bolsters the nation's economy is compromised by natural and human-influenced changes.

Despite the loss, the coastal habitats of Louisiana and Texas are home to 15 million wintering waterfowl, making the Gulf Coast the single most important wintering area in North America.

These areas along the Gulf Coast are also important to Shell, where we have major oil and gas exploration and production operations. Ensuring their vitality and protecting them from future erosion is critical to our license to operate. That's why Shell supports programs that help preserve and protect our nation's wetlands. We work in partnership with community leaders and universities, governments and nonprofits to monitor, protect and restore these vital habitats. Through these partnerships, Shell has helped protect and preserve more than 2,200 acres of wetlands in the United States.

In 2012, Shell invested in six environmental nonprofits to protect more than 16,475 acres of wetlands and conserve more than 540,000 acres of land. We also work to advance conservation efforts through education, from conservation awareness programs in the classroom to supporting dialogue among community leaders on critical issues impacting our environment. (See Finding Common Ground, page 5.) Through our nonprofit partnerships in 2012, Shell also provided environmental awareness to more than 2,000 teachers, impacting more than 1.7 million students.

BY THE NUMBERS

572,029

acres of land and wetlands preserved

171

acres planted

15,000

acres of tidal marsh protected

120,200

miles protected

2

acres of oyster reef protected

770

feet of oyster reef

179,288,197

pounds of trash removed

200

miles preserved

26,408

trees planted



CASE STUDY 1

Finding Common Ground

America's Wetland Foundation

Too often, environmental and economic interests are at odds with one another. But thanks to Shell's long-term support of America's WETLAND Foundation, efforts to generate dialogue among various stakeholders and find common interests to sustain important wetlands and Gulf coastal landscapes are under way. After Shell sponsored the DELTAS2010: World Delta Dialogues, an international conference to identify strategies to sustain critical working deltas worldwide, leadership forums were held in Texas, Louisiana, Mississippi and Alabama throughout 2011 and 2012. This groundbreaking series of 11 Blue Ribbon Resilient Communities forums helped build more resilient communities along the Gulf Coast by outlining ways to balance environmental sustainability with economic vitality.

Acting on a key finding common to many of the Blue Ribbon forums, America's WETLAND Foundation launched the Big River Works initiative in 2012 to raise awareness of the Mississippi River's tremendous national importance, and the crucial need to link the Mississippi River Delta to upriver assets in order to address long-term, comprehensive sustainability on one of the world's great river and deltaic systems. The five programs drew attention at the highest levels of government with attendance from the Governor of Illinois, Lt. Governor of Louisiana and secretary-level leaders from five federal agencies. This initiative brought together leaders from the business and industry, the community, academia, local government and environmental NGOs. Shell supports the Big River Works initiative because a healthy delta is important to restoring the coast as well as to preserving the economies and livelihoods of millions of people who live in the 31 states of the Mississippi River watershed.

SHELL SUPPORTS THE BIG RIVER WORKS INITIATIVE BECAUSE A HEALTHY DELTA IS IMPORTANT TO RESTORING THE COAST AS WELL AS TO PRESERVING THE ECONOMIES AND LIVELIHOODS OF MILLIONS OF PEOPLE WHO LIVE IN THE 31 STATES OF THE MISSISSIPPI RIVER WATERSHED.

19,536

wildlife saved or relocated

30,778

community sustainability activities

3,577

schools served

1,795,030

students impacted

2,087

teachers trained

30,778

community sustainability activities

907,456

community members educated

3,113

meetings with key influencers

352

volunteers

CASE STUDY 2

Protecting a Natural Jewel

The Nature Conservancy

Shamrock Island Preserve is one of a handful of colonial water bird nesting islands on the Texas Gulf Coast. Starting in February each year, this natural jewel serves as a nesting ground for more than 20 species of migratory birds. Shell's investment in The Nature Conservancy during 2012 helped lay the groundwork for a project to repair a shoreline breach between open bay waters and inner-island lagoon habitats in the fall of 2013. Phase II of the project will include dredging an estimated 100,000 cubic yards of sand material to the 100-acre island to build terraces to help prevent

erosion. Also being investigated are the addition of up to three offshore rock breakwaters to enhance and stabilize deposited sand. Shell's support last year helped get the project shovel-ready by providing funds for planning, design work and permitting. Shell's support of The Nature Conservancy last year also funded a freshwater resource study in Louisiana designed to track the richness and diversity of fish species in four major watersheds that feed into Lake Ponchatrain in Louisiana. The study will help establish a baseline to help ensure a healthy watershed, which is critical to protecting the biodiversity of the area.





CASE STUDY 3

Conserving Wetland Habitats

Ducks Unlimited

People might be surprised to learn that an organization founded by waterfowl sporting enthusiasts is the largest wetland conservation organization in the world. Since 1937, Ducks Unlimited (DU) has conserved and restored more than 13 million acres of the most critical habitat for waterfowl and other wildlife. Last year, with the help of a grant from Shell, Ducks Unlimited completed a \$2-million shoreline stabilization project at White Lake Wetlands Conservation Area in southwest Louisiana. With Texas and Louisiana losing over a million acres of wetlands to coastal erosion, DU uses a variety of methods to restore or enhance wetland habitats, such as installing terraces, constructing breakwater structures and making use of dredged material. The habitats along the Louisiana and Texas coasts represent the single-most important wintering grounds for waterfowl on the continent, and their restoration and protection are top priorities for Ducks Unlimited and Shell.

◀ A rock breakwater along the Gulf Intracoastal Waterway – a project funded by Shell – will protect thousands of acres of important freshwater marsh from erosion and saltwater intrusion.



CASE STUDY 4

Leveraging Dollars to Protect and Preserve Fish and Wildlife Habitats

National Fish and Wildlife Foundation

As a partner with Shell since 1998, the National Fish and Wildlife Foundation (NFWF) leverages Shell funding with matching funds for triple the impact, supporting projects that have in total restored over 113,000 acres of habitat and permanently protected over 72,000 acres of priority conservation lands. In 2012, 14 organizations in six states received support to carry out important wildlife conservation work across the Gulf Coast and in Alaska thanks to Shell's investment in NFWF. In Alaska, NFWF is improving management of marine mammal and bird species and their habitat through research, monitoring and outreach. Shell's

\$212,500 investment for this work was matched by more than \$480,000 in NFWF funds and another \$1.25 million in grantee funds for a variety of projects, including programs to protect polar bears, bowhead whales, Pacific walrus, yellow-billed loons, shorebirds and seabirds. In addition to the work in Alaska, NFWF is leveraging a Shell investment of approximately \$818,500 to support over \$2.2 million in Shell Marine Habitat Program projects that protect and restore vital fish and wildlife habitat, support sea turtle populations and increase shorebird habitat across the Gulf Coast.

GIVING BACK TO THE COMMUNITY

50 MILLION

individuals in the United States ate less than they needed, skipped meals or went a whole day without eating because they did not have the resources for food.

6.7 MILLION

disconnected youth cost our nation approximately \$93 billion in direct and indirect social costs in 2011 alone.

1.6 MILLION

people are estimated to live in transitional housing or emergency shelters.

The strength of our nation lies in the health of our local communities. Social investment that facilitates community improvement and participation of a diverse population helps us build sustainable communities that attract a qualified workforce. It also provides opportunities for our employees to grow as individuals and leaders. That's why Shell supports programs that help build strong communities where we live and work.

Last year, Shell served more than 3.6 million people through 395 programs that foster civic engagement, support health and human services, increase participation in the fine and cultural arts, provide relief after natural disasters and increase volunteerism.

BY THE NUMBERS

3.6 million
people served

395
programs developed

50,783
students served

567
schools impacted

882
special needs children served

10,321
homes impacted

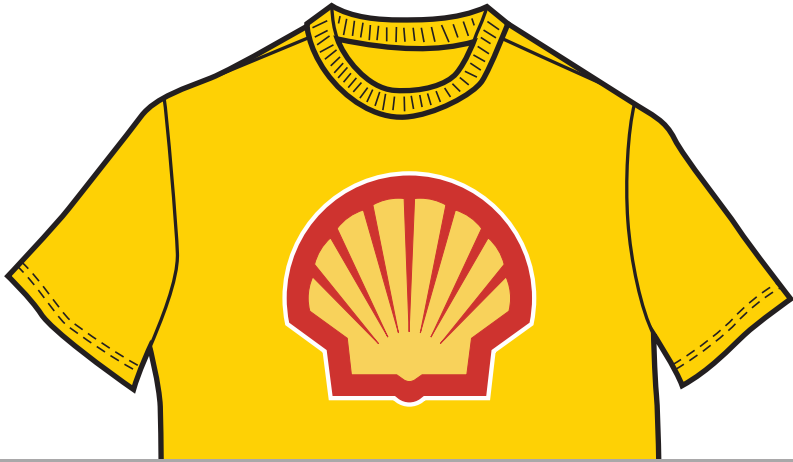
51.4 million
meals provided

137 million
pounds of food donated

126,132
health screenings provided

325,109
community members educated

1,010
volunteers involved



35,000 volunteers in bright yellow shirts

They are easily recognizable at just about every major community event where Shell has operations – from local fun runs to raise money for health and social services to beach cleanups, cultural events and community activities. Dressed in bright yellow shirts with a large red Pecten on the front, Shell and Motiva employees are ready to lend a hand year-round.

YEAR-ROUND COMMUNITY SUPPORT

Last year, more than 35,000 Shell and Motiva employees, retirees and family members volunteered more than 271,000 hours in community service.



Shell's commitment to community begins early in the year with annual service projects on Martin Luther King Day. For the past seven years, Shell and Motiva volunteers in Houston have sorted food and taken part in activities at Neighborhood Centers Ripley House on this national day of service. Employees in New Orleans commemorated the holiday by volunteering at Success Preparatory Academy, clearing lots, cleaning tennis courts, painting and rehabbing monuments.

In February, it's rodeo time in Houston, and Shell made an impact last year as a major corporate sponsor. Shell and Motiva circled the wagons of support by providing everything from volunteers and scholarship funds, to engine oil and fuel, to unused parking space at nearby office facilities. Shell volunteers participated in the Random Act of Kindness (RAK) Day, handing out Shell-branded bandanas, opening doors, providing directions, giving away \$10 gas cards and performing other random acts of kindness to rodeo-goers.

In March, the Shell Houston Open took center stage in Houston, raising more than \$2.2 million for local charities. And in April, the company was the title sponsor of New Orleans Jazz Fest.

Throughout the year, a contingency of Shell and Motiva volunteers can be seen walking in special events benefiting the community, including the UNCF Walk, Aids Walk and Komen Race for the Cure.

With holidays like Labor Day being critical times when American blood centers face major shortages in blood supply, Shell and Motiva partnered with KHOU 11 for their fifth annual Community

Blood Drive at One Shell Plaza in Houston in late August.

And the Shell-sponsored Bike Around the Bay in October raised more than \$310,000 to support efforts to preserve wetlands, protect natural habitat and enhance the water quality of Galveston Bay. More than 750 riders, ranging in age from 9 to 85, pedaled around Galveston Bay during the sixth annual Bike Around the Bay, which supports the Galveston Bay Foundation and its efforts to preserve, protect and enhance one of the world's most productive estuaries.

The HERO program is a year-round program that offers Shell and Motiva employees the opportunity to give back by matching their gifts to the United Way, educational institutions (high schools and colleges) and other approved nonprofit organizations.

Employees can also give back to the community in which they live and work by participating in HERO volunteer efforts available throughout the year. In 2012, Shell and Motiva employees raised more than \$10.4 million in employee and corporate match contributions and volunteered over 15,000 hours in the community.

CASE STUDY 1

Helping Students Get a Great Start to a New School Year

Mayor's Back to School Fest

Imagine beginning the new school year without the proper supplies or clothes. For 80 percent of students within Houston's school districts, who are on a reduced or pre-lunch program, that's a reality. To help students start the school year ready to learn, Shell is the lead sponsor of the Third Annual Mayor's Back to School Fest. Last year, more than 40,000 students and their families attended the event, which showcased 100 exhibitors from various social service agencies, including Catholic Charities, Mi Familia Vota, Stand for Children and the United Way of Greater Houston. During the event, the Houston Food Bank distributed 52,049 pounds of food, and 12 organizations and companies that hosted collection drives or funded the event provided school supplies. Not only were uniforms, uniform vouchers, socks and underwear made available to students in grades K-12, but also vouchers for free haircuts were given to 25,000 children. More than 100 Shell volunteers participated in the event. Mayor Annise Parker, City officials and Shell are already working on this year's event, which will be opened to more school districts throughout the Houston area and held at the University of Houston central campus in an effort to expose young learners to a college environment and the possibility and potential of pursuing higher education.



DURING THE BACK TO SCHOOL FEST, THE HOUSTON FOOD BANK DISTRIBUTED 52,049 POUNDS OF FOOD, AND 12 ORGANIZATIONS AND COMPANIES THAT HOSTED COLLECTION DRIVES OR FUNDED THE EVENT PROVIDED SCHOOL SUPPLIES.



CASE STUDY 2

Helping Nonprofits Operate Strategically

Executive Service Corps

Often when nonprofits are formed to address a particular community challenge, the organization may be great at feeding the homeless or providing other important social services, yet lack the strategic focus that ensures long-term success. This is where Executive Service Corps of Houston (ESCH) can help. Best described as a Swiss Army knife for nonprofits, ESCH provides management consulting services to help agencies operate more efficiently and to develop strategic planning to enhance their services and programs. Using a McKinsey organizational capacity assessment tool developed in 2008 with operational funding from Shell, ESCH's team of professional executive volunteers utilizes its expertise in business, accounting, human resources, information technology, development, marketing and law to guide nonprofits in shaping a business model of operation that ensures long-term success. In 2012, ESCH served 92 organizations with 126 projects, ranging from developing formal policies and procedures to improving IT systems and assisting with fund development.

Executive Service Corps of Houston is best described as a Swiss Army knife for nonprofits, ESCH provides management consulting services to help agencies operate more efficiently and to develop strategic planning to enhance their services and programs.



RECOVERY EFFORT

Making an Impact When Disaster Strikes

In October, when Hurricane Sandy struck the northeast coast, crippling areas in New York and New Jersey, Shell employees worked around the clock to restore critical fuel supplies to the area. Shell also made contributions to the American Red Cross to assist with disaster relief and to the Corporation for National Community Service, which helps deploy skilled volunteers to assist throughout the recovery process.

As the company learned during Hurricane Katrina, recovery from a disaster can be long term. That's why Shell works with state and local disaster agencies – the people with the boots on the ground – to ensure that resources reach those in greatest need. For example, after Hurricane Sandy struck, Shell WindEnergy matched a donation to the Mt. Storm Fire Department in West Virginia for storm recovery efforts in the area. More than \$30,000 was raised for the American Red Cross for Hurricane Sandy and disaster relief efforts.



CASE STUDY 3

Creating a World of Equality and Safety for Immigrant Women

Tahirih Justice Center

Around the world, one in three women has been beaten, coerced into sex or otherwise abused in her lifetime. The Tahirih Justice Center helps courageous immigrant women and girls seeking justice gain access to protections provided for them under U.S. law and helps them rebuild their lives in safety and peace. Shell has partnered with Tahirih for seven years to help the agency provide pro bono legal services, advocacy and public education for immigrant women and girls. Last year, Shell's grant supported agency initiatives, including the expansion of its work nationally, efforts to end child and forced marriages and the provision of free legal defense and other social services to protect the lives of 400 immigrant women and children in Houston. Shell legal employees have also served in key volunteer positions with the agency through volunteering their legal skills. Since opening its doors in 1997, Tahirih has assisted more than 14,000 women and children fleeing abuse.

CASE STUDY 4

Transforming Communities. For Good.

Neighborhood Centers Inc.

What are you doing for good? That's the question Neighborhood Centers Inc. asked as it kicked off a major initiative in 2013 to encourage Houstonians to think about how they are making a lasting impact, and then make a commitment to act. More than 100 Shell employees and their families helped initiate Neighborhood Centers' For Good Movement on Martin Luther King, Jr. Day in January and publicly launched it with Mayor Annise Parker on the steps of City Hall during an Urban Harvest Farmers Market in late February. The event showcased the significant contributions being made by neighbors – individually and collectively, at every level – that advance and strengthen the community. The momentum from the movement has drawn public excitement from around Houston in places like Discovery Green, City

Centre and the Museum District, and at events like Earth Day, the Art Car Parade and the University of Houston-Downtown's Spring Commencement. And, the movement continues through ongoing volunteer initiatives and the recognition of everyday people doing good. During 2012, Shell and Motiva helped Neighborhood Centers touch the lives of more than 404,000 people. Through its partnership with Neighborhood Centers, Shell inspires youngsters with fun STEM experiments, volunteers to complete more than 30,000 tax returns that bring back \$40 million to the Houston region, builds fences and repairs benches to beautify a community garden and works alongside seniors and youth to share stories and celebrate life. For more than 20 years, Shell and Motiva have partnered with Neighborhood Centers to transform communities. For Good.



ENHANCING EDUCATION

25th

That's where U.S. students rank in math performance compared to other countries in the world. They place 17th in science.

69% of high school graduates are not ready for college-level science.

Yet in order to remain competitive, the United States depends on a future supply of highly qualified scientists, technologists, engineers and mathematicians.

That's why Shell supports educational initiatives aimed at increasing STEM achievement, including programs that encourage participation among historically underrepresented populations and align with the belief that a diverse workforce is fundamental to innovation and productivity.

During 2012, Shell invested in partnerships with 27 educational organizations to ensure that the future workforce is highly skilled and competitive, especially in the STEM fields. As a result, almost 226,000 teachers received professional development and 9.75 million students in more than 115,000 schools were impacted.

BY THE NUMBERS

9.75 million
students impacted

225,955
teachers served

115,062
schools served

70
internships

1.05 million
community members educated

1,622
volunteers



A MULTIFACETED APPROACH

Because classroom teachers play a critical role in boosting student aptitude in STEM subjects, we're investing heavily in the professional development of our nation's teachers. Our nonprofit partners have provided almost 226,000 teachers with professional development programs that allow them to deliver quality STEM education. We're also investing in research-driven training programs and curricula that provide educators with the necessary knowledge, skills and support to deliver innovative and engaging lessons designed to improve student achievement and performance in science and mathematics.

To increase student interest, content knowledge and achievement in STEM, Shell also sponsors math and science competitions and summits that encourage students to use critical-thinking skills and innovation to address the

challenges and opportunities in STEM subjects. Our investment in K-12 STEM support and activities has reached thousands of children in classrooms across the nation to make them aware of the range of opportunities in this field, especially among underrepresented and diverse student populations who are first-generation college students.

Shell's Workforce Development Initiative (WDI) is designed to stimulate student interest and passion in STEM and to build relationships with Shell and Motiva employees. In 2012, the WDI impacted close to 89,100 students, educators and parents across the U.S. through pre-college and college

programs, including internships, externships, academies and dual-credit programs. Our WDI efforts focus on all students, with an emphasis on women and under-represented communities, greatly extending the company's reach within these populations to help expand our diversity and competitiveness. The Shell Eco-marathon, in which students design futuristic cars and compete to set fuel economy records, is an example of how Shell's WDI leverages the opportunity to inspire a future workforce.

SHELL SUPPORTS EDUCATIONAL
INITIATIVES AIMED AT INCREASING
ACHIEVEMENT IN SCIENCE,
TECHNOLOGY, ENGINEERING
AND MATH.





▲ The You Be The Chemist Challenge® brings together students from across the country, engaging them in a fun and exciting competition that educates students about the vital role of chemistry in our everyday lives.

CASE STUDY 1

Producing the Next Generation of Scientists

Chemical Education Foundation

For almost 25 years, the Chemical Educational Foundation (CEF) has been igniting the interest of young students in the sciences to help produce the next generation of scientists. Through its You Be the Chemist Challenge®, the foundation engages students in grades 5 through 8 to compete in innovative academic competitions designed to create a foundation of understanding in the sciences. Its online You Be the Chemist® Activity Guides provide thousands of pages of lesson plans and general curriculum information for teachers to enhance the learning experience. And

CEF's Essential Elements professional development workshops are presented around the country to help educators who don't have science backgrounds become more familiar with the sciences, and in particular, chemistry. Shell supports these programs with both financial and volunteer resources, including a grant in 2012 that helped the organization expand its base of volunteer partners in Texas and Louisiana. Rosemary Podwin, Commercial Manager – Ethylene Oxide & Glycols, serves as president of the foundation's board and Shell employees join several hundred industry volunteers

to assist staff in putting on programs nationwide. By emphasizing the central role of chemistry in all the sciences and our everyday lives, CEF and Shell hope to inspire students to become future scientists. Last year, more than 20,000 students participated in the You Be the Chemist Challenge®, an increase of 28 percent over the previous year. CEF plans to have contests in 26 states and the District of Columbia in 2013 and has ambitious goals to expand to all 50 states by 2023 to impact 500,000 students.



▲ Through the TRC, teachers learn creative approaches for teaching math and science.

CASE STUDY 2

Enhancing Teacher Performance

Texas Regional Collaboratives for Excellence
in Science and Mathematics Teaching

One person is key to igniting the spark of learning in students – the classroom teacher. Equip him or her with the subject-matter knowledge and high-quality lesson plans and you can turn an ordinary kid into the next scientist or engineer. That's why, for the past 22 years, the Texas Regional Collaboratives (TRC) has been providing high-quality professional development in STEM education. Often classroom teachers are required to teach materials they were never prepared to teach. The TRC makes up for that by providing them with over 100 hours of training and subject-matter content to enable them to inspire students to become critical thinkers and instill an interest to pursue science and engineering-related careers. Shell's 15-year partnership with the TRC to improve STEM education is being felt in more than 5,000 classrooms in Texas and Louisiana. More than 3 million students across Texas have benefited from the improved instruction and performance of the more than 35,500 math and science teachers who have participated in the program.

CASE STUDY 3

Providing Quality Education for All

Teach for America

Although 16 million American children face the extra challenges of poverty, research shows they can achieve at the highest levels provided they have access to a quality education. That's where Teach for America comes in. The organization recruits outstanding recent college graduates who commit two years to teach in urban and rural areas and become lifelong leaders in pursuing educational excellence and equity. With extensive training and support, these corps members work relentlessly to ensure that students growing up today in low-income communities are given the educational opportunities they deserve. As alumni, they are a powerful force of leaders who work in education and all other sectors to effect the fundamental changes needed to ensure that all children have an equal chance in life. Shell's partnership with Teach For America gives low-income students in Houston access to an excellent education, while playing a central role in guaranteeing an exceptional workforce for Houston's future. Shell's 2012 grant to Teach for America helped strategically increase the number of corps members placed in high-poverty areas, including 30 percent who teach STEM subjects. Teach For America's Houston's corp of 450 teachers is enhancing education for 40,000 low-income students in schools across the city. Since its creation in 2005, Teach for America Houston's School Leadership initiative has grown from 20 alumni principals to 32 principals leading schools today. An additional nine alumni serve as leaders at the district level. And, out of 22 finalists for Houston ISD's 2013 "Teacher of the Year" award, five are Teach For America alumni or corps members.



▲ TTFA Corps members share reflections after community visits.



SPECIALLY TRAINED
STORYTELLERS AND
SCHOLARS REINFORCE
THE IMPORTANCE OF
READING AND CRITICAL
THINKING.

CASE STUDY 4

Prime Time Family Reading Time

Louisiana Endowment for the Humanities

Can involving families in a weekly after school reading program make a difference in student academic achievement across all disciplines? Yes, according to results of a 10-year longitudinal study which examined standardized test scores of students, aged 6 to 10, who participated in the Louisiana Endowment for the Humanities' (LEH) PRIME TIME Family Reading Time program. The longest-running, outcomes-driven, humanities-based family literacy program in the nation brings together parents and children for six or eight-week family literacy programs in partner schools, libraries and community

centers. Besides providing families with meals, transportation and onsite child-care to make it convenient to participate in the program (and to ensure a high program retention rate), specially trained storytellers and scholars engage students and families in a high-quality learning experience that reinforces the importance of reading and critical thinking. In tracking the progress of students who participated in the program from the 3rd grade through the graduation exit exams, the independent study found that not only did PRIME TIME students outperform their non-PRIME TIME peers on standardized tests in reading

comprehension and language arts, they also did better in all of the STEM disciplines (science, technology, engineering and math). That's proof positive that the family learning experience, focusing on the basics of reading, combined with open-ended questioning and analysis, can have a significant impact and potential for changing the life trajectories of children – particularly those from at-risk families. In 2012, Shell supported the PRIME TIME program across Louisiana, as well as in several other Gulf South states, via the multi-year "Shell-LEH National Gulf States PRIME TIME Initiative." Additionally, Shell's funded the development of the LEH's new teacher professional development program, "PRIME TIME HomeRoom," that translates the proven strategies for successful engagement and learning with families into custom-designed curriculum and training modules that K through 4th grade educators can implement in their classrooms. Already endorsed by the Louisiana Department of Education, PRIME TIME HomeRoom will be piloted in a Louisiana school district this fall, with plans to initially expand statewide, and then eventually to other states supported by Shell in this path-breaking educational partnership.



◀ *The Louisiana Endowment for the Humanities' PRIME TIME Family Reading Time program is helping make a difference in student achievement by engaging families in a weekly after school reading program.*



WE BELIEVE IT WILL TAKE A HOLISTIC APPROACH TO MANAGE THE STRESS NEXUS. THIS STARTS BY UNDERSTANDING THE CONNECTIONS BETWEEN ENERGY, WATER, FOOD AND CLIMATE SYSTEMS. AND IT REQUIRES A NEW CONTRACT BETWEEN BUSINESS, GOVERNMENT AND SOCIETY – ONE THAT VALUES COLLABORATION, SHARED PRIORITIES AND INNOVATION.



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