



Information Technology Industry Council
Leading Policy for the Innovation Economy

High-Tech Education Report 2009





Information Technology Industry Council
Leading Policy for the Innovation Economy

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Information Technology Industry Council
Leading Policy for the Innovation Economy

High-Tech

Education Report

2009

TABLE OF CONTENTS

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Executive Summary	5
Message from Dean Garfield, ITI President & CEO	7
Accenture	11
Adobe	13
Advanced Micro Devices (AMD)	15
Apple	17
Applied Materials	19
Cisco	21
Corning	23
Dell	25
Eastman-Kodak	27
eBay	29
Hewlett-Packard (HP)	31
IBM	33
Intel	35
Lenovo	37
Micron	39
Microsoft	41
National Semiconductor	43
Oracle	45
Qualcomm	47
Research In Motion (RIM)	49
Sony	51
Teradata	53
Texas Instruments	55
Time Warner	57
About ITI	59



EXECUTIVE SUMMARY

The ITI High Tech Education Report highlights the education initiatives that information and communications technology (ICT) member companies are spearheading and funding to meet the needs of America's 21st century workforce. Collectively, these education initiatives range from mentoring programs to grants, scholarships, teacher training, and other incentives for students in K-12, higher education programs, and in the U.S. workforce.

Many of these initiatives focus on improving education in the science, technology, engineering, and math (STEM) disciplines, particularly for women and minority students who tend to be underrepresented in STEM careers. Other initiatives focus on improving teacher effectiveness and integrating the latest technologies into U.S. classrooms. Last year alone, high tech companies dedicated thousands of volunteer hours and millions of dollars to improve the U.S. education system and quality of life for young Americans.

By using their unique resources and perspectives as leaders in technological innovation in part to bolster existing efforts of local school districts, universities, and community colleges, ICT companies are helping to increase America's domestic pipeline of high-skilled workers. These efforts will in turn sustain our country's international competitiveness, ability to lead in innovation, and improve the quality of life in America for future generations.

A Letter from Dean Garfield, ITI President & CEO



The Making of America's Next Golden Age: *Start With the Student Next Door*

This August and September, hundreds of millions of people — over one quarter of our nation's population — streamed onto academic campuses across the country. Alongside the sheer number of students attending school, the training of the next generation of U.S. leaders and innovators should be cause for excitement about America's future. Unfortunately, based on today's realities, the typical American student is more likely to play a scientist on TV rather than actually become one.

This is not to say that today's youth are not highly motivated to solve modern society's biggest challenges, including climate change, healthcare, and global development — they are motivated. However, American students are not being adequately prepared in fields that will allow them to be the problem solvers they want to become. The vast majority of middle school students would rather clean their room, eat their vegetables, go to the dentist or take out the garbage than learn math or science.

Clearly, there is a pressing need today to inspire our nation's youth to develop the important science, technology, engineering and math skills they must have to become tomorrow's leaders. Without immediate action, our progeny will be ill prepared to compete in and tackle the challenges of the 21st century. According to the National Science Foundation, 80% of jobs emerging in the next decade will require some level of proficiency in math and science. Despite improvements in test scores, American 12th graders continue to perform below the average for 21 countries in math and science. The U.S. ranked 24 out of 29 industrialized nations in an international standardized test of math skills and knowledge.

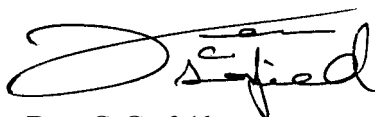
American students are innately capable of improving their math and science skills, but it will take a corresponding improvement in the quality of their education in these disciplines to see real change. Currently, more than 20% of students in math, and more than 60% of students in chemistry and physics are instructed by teachers without expert knowledge in those fields. Now is the time to bend the current trajectory by launching a national STEM (Science, Technology, Engineering and Math), initiative that heeds the President's call to "restore science to its rightful place, and...to wield technology's wonders to meet the demands of a new age."

A focus on STEM education will foster America's next generation of innovators and leaders. The high tech sector will continue to do its part. The private sector, philanthropy, and local, state, and federal governments should partner to accomplish at least four key objectives: (1) build a national STEM infrastructure, (2) improve the pipeline of STEM educators, (3) create demand for STEM education among youth and parents, and (4) improve access to and coordination of STEM resources.

The information and communications technology sector is demonstrating strong leadership in this area and has spent significant resources on expanding our domestic pipeline of high skilled workers. The individual work and leadership of the companies highlighted in this report, among many others, should be commended. We are committed as an industry to work together to ensure more of the hundreds of millions of people heading to school graduate better prepared to become the next generation of leaders who will tackle America's 21st century challenges.

We need you to join us for this effort to be successful. Will you?

Sincerely,



Dean C. Garfield
ITI President & CEO



Information Technology Industry Council
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High-Tech

Education Report

2009

COMPANY PROFILES

Overview

Accenture participates in a number of programs to create greater educational opportunities for underserved communities to develop the skills in business and technology needed for the jobs of the future. “Skills to Succeed” is the fundamental conceptualization underlying Accenture’s corporate citizenship efforts.

“Skills to Succeed is about building skills that will enable people all over the world to develop themselves to participate in and contribute to the economy. It fits perfectly as a theme for Accenture. It brings together so many things that we’re about already – our passion, our experience, our constant commitment to developing and nurturing talent. And it supports our efforts to make a significant and sustainable impact on the economic well-being of individuals, their families and their communities.”

— Adrian Lajtha, Chief Leadership Officer, Accenture

Programs

Higher Education

Accenture Junior and Community College Scholarship Fund

This scholarship supports junior and community-college students entering bachelor’s degree programs related to high technology and business by awarding scholarships of \$5,000 each, for two years, and offers recipients at the junior-year undergraduate level the possibility of a summer internship at Accenture.

Accenture American Indian Scholarship Fund

This scholarship fund meets a vital need for American Indian and Alaska Native students seeking higher education and requiring financial assistance.

Accenture Scholarship Program for Minorities

This program was created to encourage minority students to pursue degrees in engineering, computer science, and a variety of programs related to information systems and decision or management sciences.

Thurgood Marshall Scholarship Fund

This program awards scholarships directly to students at participating member schools. The Thurgood Marshall Fund provides scholarship money to

historically black colleges and universities (HBCUs) for the purpose of helping students complete their education.

Workforce Training

In the United States, Accenture teams with NPower to provide IT training to prepare “at-risk” youth for employment.

Other Education Initiatives

The Springboard Project

Led by Bill Green, Accenture’s Chairman and CEO, this Business Roundtable initiative includes business, education, union and non-profit leaders who are working to create actionable recommendations from the Administration and Congress. These recommendations will:

- Encourage the building of relevant skills for today’s and tomorrow’s markets.
- Institutionalize lifelong learning as an individual and collective imperative.
- Facilitate workers’ capacity to adapt to dislocation and evolving labor markets.

Overview

Adobe supports innovative strategic programs and partnerships that help make our communities better, stronger, and more vibrant places in which to live, work, and do business. Through the Adobe Foundation, community giving, and product donations and training, Adobe provides the tools and resources for people to express their ideas and strengthen their local communities. In 2008, Adobe donated more than \$42 million in cash and software to schools and nonprofits.

Programs

K-12

Train the Teacher (T3) Program

T3 workshops provide Adobe software training to K-12 educators in Silicon Valley and San Francisco, California, and Puget Sound, Washington.

Adobe Education Leaders Program

Adobe believes in investing in education and educators. The Adobe Education Leader (AEL) program highlights the successes and contributions of innovative educators involved in Higher Education (Post-secondary – Public and Private Universities, Community Colleges, Vocational Schools) and K-12 Education (Primary and Secondary) utilizing Adobe tools and applications.

The Adobe Education Leaders program highlights the successes and contributions of innovative educators involved in primary and secondary education utilizing Adobe tools and applications. The Adobe Education Leaders are dedicated to enhancing creativity, communication, and collaboration and improving the teaching and learning experience.

As new products are developed or existing products are revised, the Education Leaders are involved in beta programs and weekly webinars on a range of technology and program topics. They are asked for feedback, invited to participate in focus groups, and are among the first to support learning objectives through the effective use of the technology. As leaders in their field, they are dedicated to creating a dynamic learning environment for students and establishing best practices for other faculty and teachers, which impacts the broader education community.

Adobe Youth Voices Program

Adobe Youth Voices (AYV) engages talented educators of middle and high school age youth in a yearlong youth media professional development and support program. AYV educators, in both in-school and out-of school programs, gain skills to enable youth to use digital tools to create media with a personally meaningful purpose.

AYV students at Newcomers High School, Long Island City, New York, studied the discrimination faced by Immokalee fast-food workers in Florida. The high school students developed lesson plans and public service announcements to raise awareness about human rights issues.

2008 Adobe Youth Voices grantees and sites include over 45 US schools and youth organizations in 5 cities. Some recipients include:

- The City School (Boston)
- Bronx Satellite Academy (New York)
- Balboa High School (San Francisco)
- Lincoln High School (San Jose/Silicon Valley)
- African American Academy (Seattle)

Education Technologies Blog

The Adobe Education Technologies Blog provides information, insight, and tips from Adobe's technology team dedicated to education.

Other Education Initiatives

Adobe Design Achievement Awards

They celebrate student achievement that reflects the powerful convergence of technology and creative arts.

ADVANCED MICRO DEVICES (AMD)

Headquarters: Sunnyvale, CA

Overview

AMD is built upon the value of putting people first—our customers, our employees, our neighbors and our communities around the world. We believe that education is the great equalizer because, regardless of background or social status, everyone can enhance opportunities for success through educational achievement.

AMD focuses on programs that increase student interest and proficiency in science, technology, engineering, and math. Through strategic investments, employee involvement and the use of technology, AMD and its employees are making a world of difference.

Programs

K-12

AMD Changing the Game

AMD Changing the Game, the signature education initiative of the AMD Foundation, is designed to take gaming beyond entertainment and inspire youth at the middle and high school level to learn critical education and life skills by equipping them to create digital games with social content.

The program promotes the use of youth game development as a tool to inspire learning, improve science, technology, education and math (STEM) skills, and spur career interest in game development or a similar field. This program focuses on 13 to 18 year-olds with a particular emphasis on enriching the educational experience of disadvantaged youth, primarily in AMD site communities.

Current AMD Changing the Game partners include:

World Wide Workshop Foundation and Southwest Key's East Austin College Prep Academy

AMD, in partnership with The World Wide Workshop, is incorporating Globaloria, a proven in-school game curriculum and Web2.0 platform in Southwest Key's East Austin College Prep Academy to serve 6th grade students.

The PETLab Game Design and Animation Curriculum

AMD in partnership with PETLab (a joint project of Games for Change and Parsons The New School for Design) created a Game Design and Animation Curriculum for young people between the ages of 9 and 13.

Girlstart

AMD funded a summer camp that enabled high school juniors to examine gender issues in gaming and explore the power of video games to affect social change.

Global Kids

Through its grant to Global Kids' Playing for Keeps program, AMD joined The Microsoft Corporation in enabling youth from underserved communities to work with game developers to develop, create and distribute a socially conscious game, *Tempest in Crescent City*, which focuses on citizens' response to Hurricane Katrina.

Institute for Urban Game Design (IUGD)

AMD's grant enabled McKinley high school students to apply their learning in 3-D modeling, animation and computer programming to develop games focused on the issue of energy usage.

Other Education Initiatives

AMD Site Communities Education Grants

Boys & Girls Club of Larimer County (Colorado)

AMD supports the Kids Tek program, which provides basic and advanced computer skills through project based learning.

Breakthrough (Texas)

To encourage talented high school and college students to pursue careers in education, AMD provided stipends for “student teachers” to spend the summer teaching math, science, English and social studies to Austin area middle school students.

Discovery Science Center (Colorado)

AMD supports the Head Start on Science program. The program fosters science literacy among the community’s economically-disadvantaged preschoolers by providing challenging, enriching opportunities in hands-on science education.

Tech Museum of Innovation (California)

AMD provides funding for The Tech Challenge, an annual event where teams of fifth through twelfth graders are presented with a design challenge to solve a reality-based problem.

Overview

Apple's education vision is a world in which all learners are empowered to discover their own special genius. Our education mission is to provide a digital learning environment that supports the way today's students live and want to learn.

Programs

K-12, Higher Education

iTunes U

iTunes U is located in the iTunes Store and features over 200,000 free lectures, language lessons, audio-books, and podcasts from 250 top universities, K-12 institutions, cultural institutions, and public media organizations worldwide. Millions of curriculum assets have been downloaded since its introduction in 2007.

Mobile Learning

Apple has assisted with the rollout of over 900 school and university digital learning initiatives nationwide, including the largest statewide 1 to 1 deployment of portable notebook computers in Maine. Apple is pioneering mobile learning, research, and collaboration with iPhone and iPod touch via a rapidly increasing number of education applications in the iTunes App Store, and other web-based applications running over cellular and Wi-Fi networks.

Professional Development

Apple provides comprehensive K-12 professional development programs focused on school leadership, planning, digital literacy, and technology infused learning for approximately 30,000 educators and administrators annually.

Apple Learning Interchange (ALI)

Apple maintains a collaborative online environment where educators can tap into a rich array of free high quality, peer-developed lessons and activities built with videos, images, and podcasts. ALI contains extensive educational collections organized by topic and technology, and provides a dynamic environment to foster innovation in teaching and learning.

Apple Distinguished Educators

Apple Distinguished Educators are a select global network of 1,500 K-20 educators who specialize in digital learning and are recognized experts in using innovative practices and approaches to empower students to increase achievement.

Challenge Based Learning (CBL)

In 2008 Apple launched an initiative focused on combining what is known about different learning styles with emerging digital technologies. CBL is a multidisciplinary approach to teaching and learning that encourages students to leverage the technology they use in their daily lives to solve real-world problems. Early results show strong increases in student engagement and deeper subject area knowledge.

Workforce Training

Digital Media Certifications

Apple offers a dozen industry-standard, job ready certifications that give students the technical skills necessary to compete in today's competitive marketplace. Hundreds of teachers and professors are preparing students in high school, career tech, community college, and universities for Apple certifications in professional photography, filmmaking, editing, sound design, and music production.

APPLIED MATERIALS

Headquarters: Santa Clara, CA

Overview

Applied Materials is committed to making a positive social contribution in communities around the world through targeted support of strategic education efforts focused on student academic achievement, teacher professional development and specific university projects. By providing young people opportunities to explore new ideas and experiences, the future becomes brighter for all.

Programs

K-12

Education Initiative

Applied Materials launched an Education Initiative in 2002 that focuses resources and strategic investments over sustained periods of time toward students in underserved communities. Using a comprehensive approach, the Education Initiative targets the entire educational pathway of students — from pre-school to college completion — in communities that have lower levels of student achievement and opportunities.

Applied Materials has targeted two such areas in San Jose, California, and others in Austin, Texas, and is investing more than \$2 million per year. The Company has created active partnerships and supported more than four dozen organizations that span early childhood education to college. The initiative also furthers teacher development, as evident through the creation of a professional development center for teachers and administrators in the San Jose area and by providing summer learning experiences for teachers in Austin.

In recognition of the focus and impact of the Education Initiative, in July 2004 Applied Materials received the inaugural Education Partner of the Year award for the San Francisco region at the Bay Area Corporate Philanthropy Summit and Awards program. In May 2005 the nonprofit organization, Austin Partners in Education, recognized Applied Materials with the Partner of the Year award for its contributions to education in the Austin Independent School District.

SEMI High Tech U

Applied's Hillsboro, Oregon field office partnered with Intel to host "SEMI High Tech U," a three-day interactive, hands-on program designed to introduce high school students to the relevancy of math, science and technology careers in the semiconductor and high-tech industries. More than 30 high school sophomores and juniors from five different schools in the Portland area participated in the classes that were co-taught by Applied and Intel employees.

Job Shadow Day

In Santa Clara, Applied hosted nearly 40 students from Santa Clara and Fremont high schools during Job Shadow Day activities. The students toured the Maydan Technology Center and job shadowed in Etch, Applied Implant Technology, Human Resources and AKT.

Higher Education

Women in Science & Technology Scholarship Program

To help shape the workforce of tomorrow, the Applied Materials Foundation is piloting a scholarship program to encourage women and girls to excel in specific technical areas leading to careers in science and engineering.

Specifically, grants will be made to selected student organizations at United States-based universities that are committed to developing the next generation of female engineers.

APPLIED MATERIALS *(continued)*

Each of these organizations will:

- Provide scholarships to eligible students in specific fields of scientific study.
- Encourage students to volunteer in the local community to inspire young girls' interest in science, math and technology.
- Partner with Applied Materials to invite employees to volunteer as mentors to the university's engineering students.

Annual awards will range from \$5,000 - \$25,000, depending on the program scope and student population. Funds will be awarded to university programs/organizations, rather than to individuals.

Overview

Cisco takes pride in the depth and breadth of its educational development programs, which reflect Cisco's commitment to the lifelong learning required to build tomorrow's workforce. Through Cisco Networking Academy, its Global Education initiatives, and beyond, Cisco combines partnerships, products, funding, and human expertise to deliver long-term results and strengthen its business value.

Cisco's educational programs have been recognized as among the industry's best. They are designed to be scalable, replicable, and sustainable, and to deliver tangible benefits to its investors, its customers, and the communities in which it operates.

Programs

K-12

21st Century Schools Initiative (21S)

This initiative in eight Gulf Coast school districts began in response to the devastation caused by Hurricanes Katrina and Rita. Backed by a Cisco \$80 million investment, 21S created a replicable model for education reform designed to better prepare students for the 21st century global economy, based on visionary leadership, teacher professional development, 21st century pedagogy and technologies, partnerships, and community involvement.

New York City DOE and iSchool

Cisco Global Education has begun a multi-year research and development project in partnership with the New York City Department of Education to transform selected public schools from the traditional, industrial school model to one that makes use of 21st century technologies to impart 21st century skills. The first school, the New York City iSchool, is a small school-within-a-school that opened its doors in September 2008.

www.GETideas.org

GETideas.org is a Cisco-sponsored public service website that provides community, collaboration, and resources for education leaders worldwide. It supports leaders on their journey toward next-generation thinking and help them prepare learners for the fast-moving demands of this century. Thought leaders share their views in an interactive online forum, while practitioners share case studies, profiles, and ideas.

Global Education Leaders Program

This program brings together US education leaders and peers from countries such as Canada, Australia, Singapore, and the UK, to generate scalable insights and begin building a coalition for change that supports 21st century education reform. The reform vision is shaped by the seamless use of more collaborative, virtualized, and video resources to support improved access to quality teaching. It tests and validates Education 3.0 models as a basis for local, national, and global education transformation, through networking, consultancy, coaching support, events, and support for local challenges.

Partnerships

As part of a new approach to meeting their corporate and social responsibilities, Cisco, Intel, and Microsoft announced a multi-year Partnership for Assessment and Teaching of 21st Century Skills (www.atc21s.org) at the Learning and Technology World Forum in 2009. This project brings together 256 academic, not-for-profit, government, and corporate agencies from 24 countries, including 82 US agencies and academics, to make the transformation of educational assessment and instructional practice a priority and pilot new assessment methodologies that support approaches to articulating, teaching, and assessing 21st century skills and works closely with the OECD and IEA on connecting to their respective international benchmarking and assessment programs. Cisco Global Education also serves as an advisor to a

number of organizations including the Council of Chief State School Officers. Our work with national organizations like CCSSO is helping to shape innovative new programs like EdSteps (www.edsteps.org) to generate new approaches to articulating, teaching, and assessing 21st Century Skills.

Cisco Networking Academy is an innovative, global educational initiative that helps students of all ages develop foundational and advanced skills and knowledge in networking and information technology (IT).

Networking Academy has developed a unique, public-private partnership with education, national, state and local government and community-based organizations, to reach more than 128,000 students in over 2200 academies in the United States each year.

Since the inception of the program in 1997, Cisco's estimated contribution is over \$300 million in the United States alone. Networking Academy provides seamless pathways from High School to Post Secondary and on into the workforce.

Networking Academy also addresses the need to increase the number of students pursuing science, technology, engineering, and math (STEM) degrees, by offering rigorous, relevant curricula mapped to national math and language arts standards.

Of the more than 128,000 students enrolled annually in the US, 44% take Cisco Networking Academy courses in academies located in High Schools.

Higher Education

As its largest single education initiative in the area of corporate social responsibility, Networking Academy has provided curriculum and tools that are relevant to many of the traditional and emerging IT degrees and Business/Engineering degree programs critical for economic recovery in the United States. Community colleges are playing an important role in the recovery, offering opportunities for retraining displaced workers and second-chance skills development.

Of the more than 128,000 students enrolled annually in the US, 54% take Cisco Networking Academy courses in academies located in community colleges and four-year universities.

With a presence in almost 50% of the community colleges in the US, Networking Academy provides a critical “shovel-ready” program for community colleges to implement quickly and easily to address the growing demand.

Workforce Training

As state governments and educators act to put economic stimulus funds to work as quickly and effectively as possible, they can look to Cisco Networking Academy for a well-established education program that teaches foundational and advanced IT and networking skills to a wide variety of students in a broad spectrum of educational environments.

Cisco® Networking Academy® is ready to help American students and workers prepare for sustainable, high-paying jobs by teaching them in-demand IT and networking skills. With academies located in high schools, community colleges, universities, and nontraditional settings, the program provides technical skills through timely, focused curricula mapped to industry certifications. Graduates know how to perform the tasks that IT-reliant organizations require—work that will become even more important as planned improvements to the nation's digital infrastructure go forward.

In July 2009, Cisco launched a pilot program in Michigan called the Workforce Retraining Initiative (WRI) that will be available at all 21 community college and university locations where Networking Academy curriculum is offered in the state.

Because healthcare is expected to generate a large number of jobs for Michigan residents in the future, the WRI pilot this September includes a new healthcare IT module that focuses on electronic health records (EHR) and familiarity with healthcare terminologies. In January 2010, the healthcare curriculum will focus on an introduction to Healthcare IT including the technologies underlying practice management, EHR, telemedicine and IP telephony. In addition to healthcare, the program will also focus on network security and broadband technology training.

Overview

Corning is continually working to improve the quality of life in the communities in which it operates. We do this through the Corning Incorporated Foundation, Corning Enterprises, and through the generosity of our employees.

Both in the United States and around the globe, employees take part in numerous activities, humanitarian initiatives and fundraisers to give back to the people, organizations and communities around Corning's offices and manufacturing facilities.

Programs

K-8

Women's Quality Improvement Team

For 20 years, the Women's Quality Improvement Team at Corning has focused on empowering women in technology and spreading the excitement of science. In celebration of their anniversary this year, the team invited Deanne Bell, star of the Discovery Channel's hit show "Smash Lab," to show Corning-area middle school students just how cool scientists and engineers can be.

Partners in Education Corning scientists and engineers travel to area classrooms conducting experiments that bring science to life for elementary and middle school students.

High School

National Merit Scholarship Program

Corning offers its U.S. employees a way to reduce the financial burden of their child's college education through participation in the National Merit Scholarship Program.

The National Merit Scholarship Corporation (NMSC), an independent, not-for-profit organization, administers this scholarship program. The program's goal is to provide financial assistance to employees' children by recognizing the high academic achievements the students have reached. The scholarship provides \$2,000 a year for up to four years.

Corning has been participating in the program since 2001.

Summer Teacher Institute

This is a week-long summer teacher professional development program focused on math and science education enhancement. The institute is available to elementary, middle and high school teachers.

Summer Student Intern Program

Each summer, high school science students work with Corning scientists for a hands-on, two-week research experience at the Corning global research facility in New York.

Higher Education

Collaborative Research and Scholarships Corning works with leading National and International Colleges and Universities. Our network in NY State includes Corning Community College, City College of NY, as well as University of Rochester, Clarkson, Rochester Institute of Technology, and Cornell, among others. Our goal is to encourage STEM education and research initiatives.

Workforce Training

My Development Respecting the individual employee is one of Corning's Core values. As part of that, the company invests in its most important assets – its employees. My Development is a company-wide

CORNING *(continued)*

professional development framework for all salaried employees. The program provides web-based tools and processes that help employees build on their strengths and develop new skills.

Other Workforce Training

My Development

The My Development program is supplemented by other specific training programs such as supervisor effectiveness, quality, and performance excellence training.

Other Education Initiatives

Annual Egg Drop Contest

Normally eggs falling out of the sky would be a cause for concern, but for the past 24 years, the airborne eggs have been part of a popular community event sponsored by the Corning chapter of the Society of Women Engineers. The annual Egg Drop contest helps children and other community members learn about physics with a fun, competitive twist.

Participants are challenged to protect a raw egg from breaking during a 32-foot drop from the top of a parking structure. Imagination is encouraged as contestants brainstorm ways to protect their eggs from the impact. Some age groups even get to use edible fillers – a prime opportunity to learn more about materials and their properties.

As women engineers help package the eggs with contestants, they talk about engineering, hoping to generate interest in the field. Most importantly, the event makes science fun for everyone.

FIRST LEGO League

Since 2001, Corning Incorporated has sponsored student teams from local middle and high schools participating in this global competition. For two months, several Corning scientists coach and mentor the teams on how to approach the tough technical problems presented in the yearly challenge. Corning then organizes an exhibition challenge for the students, open to the community, to test their concepts and presentations before the real deal.

Overview

Dell is committed to transforming the learning environment both through technology solutions and corporate giving activities specifically designed to support education and digital inclusion initiatives the company considers essential to ensuring the next generation's success in the digital age. On September 23, 2008, Dell announced the goal of increasing overall corporate giving to one percent of company pre-tax profits by FY11, and launched an enhanced global philanthropic strategy focusing charitable giving on education and the environment.

In the US, the Dell Foundation focuses over 70% of its activities on education. The Dell Foundation contributes directly to the quality of life in communities that surround Dell facilities. Dell implements this mission through grants and corporate-sponsored events and by facilitating employee volunteerism. Dell seeks to prepare a generation of young people to connect by helping them learn how and when to use technology, gain access to the right technology resources, and understand how to unleash each individual's unique potential through technology.

Programs

K-12

Grants

In fiscal year 2009 the Dell Foundation delivered a wide range of targeted support through Equipping Youth Grants. These grants offer direct financial assistance to nonprofit organizations and programs that empower youth to learn and excel in a digitally driven economy. Dell provides three types of Equipping Youth Grants:

Healthy Communities

- The Dell Foundation awarded Healthy Communities Grants to 29 organizations that address the basic needs of children for food, shelter, safety and health care.

Connected Communities

- The Dell Foundation secured 27 Connected Communities Partnerships to provide computer labs for communities with limited access to technology.

Literate Communities

- The Dell Foundation awarded Literate Communities Grants to 28 programs that empower communities to provide quality education to youth, particularly in math, science and literacy.

- Dell also issued 121 open grants ranging in value from \$500 to \$5000 to US communities where Dell has facilities.
- Dell is beginning to focus on teacher preparation and has a signature program with the Academy for Urban School Leadership. Dell also sponsors the Clinton Global Initiative University which engages the next generation of leaders on college campuses around the world to discuss solutions to pressing global issues.

TechKnow

The program was established in July 2001 and its mission is to partner with school districts, public institutions and the community to prepare youth – through technology training and experience – for success in today's technology driven economy. It is a 40-hour, hands-on training in which the students learn technology concepts including how to identify, troubleshoot and resolve common IT problems. Students have the opportunity to apply these concepts in an instructional help desk environment where they operate, maintain and support computer hardware and software. To date more than 25,000 students have graduated from the program. About 80 percent of those are from minority populations and, significantly, approximately 40 percent are female.

Overview

Eastman Kodak Company has an active community relations and contributions program designed to support the achievement of company goals and Kodak's competitive position, through initiatives that align with its strategic business interests. As such, programs and initiatives are focused to instill employee pride, build public trust, foster education, respond to community needs and enhance company image.

Kodak support takes many forms and is based on its corporate values: respect for the individual, uncompromising integrity, trust, credibility and continuous improvement, personal renewal and recognition and celebration. Kodak's primary focus is at its site communities, but also includes national and international support.

Programs

K-12

United Way of Greater Rochester

Kodak is among the largest corporate contributors to the United Way of Greater Rochester. UWGR's focus includes programs designed to address elementary school preparedness.

Junior Achievement

Kodak supports Junior Achievement initiatives in Rochester-area public schools, as well as the Junior Achievement of Rochester chapter. Executives take part in "JA in a Day" classroom activities.

FIRST Robotics Program

Kodak co-sponsors the FIRST Robotics Program for teams of high-school youth, held each year at Rochester Institute of Technology.

CTO Organization

Kodak's CTO organization drives role model and coaching activities for high-school students considering engineering career opportunities. Kodak researchers volunteer as mentors and coaches for science, technology, engineering and math programs.

Higher Education

Kodak supports a variety of programs at Rochester Institute of Technology (RIT), University of Rochester, and Nazareth College.

At RIT, Kodak supports the Golisano Institute for Sustainability, which focuses on sustainable production systems.

Workforce Training

United Way

Kodak's support of United Way includes participation in leadership development programs for African American and Latino leaders who intend to assume policy-making positions in community organizations.

Other Education Initiatives

Partnership with Rochester City School

In 2008, Kodak received the Business Partner Award from the Rochester Education Foundation, for its participation in programs targeting urban students¹.

Partnership with B'nai B'rith International

Kodak and its Chairman and CEO Antonio M. Perez received the 2008 Corporate Distinguished Achievement Award from B'nai B'rith International for its commitment to innovation, diversity, and philanthropy. Kodak subsequently helped publish two student-written books for B'nai B'rith's "Diverse Minds" competition.

American Indian College Fund

Kodak is a supporter of the American Indian College Fund.

¹ While Kodak has experienced dramatic change over the past four years, the company has maintained and launched valuable partnerships with Rochester city students, while continuing to provide resources to encourage student success.

One such relationship is a seven-year-old partnership with Rochester City School 5, located near Kodak's downtown headquarters. Volunteers provide a wide range of support to students at the school, offering an annual visit to Kodak during "Bring Your Child to Work Day," traveling with students to the George Eastman House, and presenting annual holiday gifts to students and food baskets to families at the school. Bringing young people to Kodak for the day exposes them to a work world that is diverse and vastly different than the world most students know. "The kids are so surprised when they find out how much people care," said volunteer Glynne Schultz, a member of the coordinating Women's Forum of Kodak Employees.

In 2008, Kodak also sponsored a US First Robotics Team with Marshall High School, encouraging acquisition of knowledge about engineering, computers and teamwork; and donated books to students at School 5 and throughout the district through REF's Give Back Give Books program (and the Corporate Business Research unit). The company also supports programs to boost science education, and provides surplus cameras and other resources to city school classrooms. Rochester Education Foundation honors Kodak for continuing this philanthropic tradition and inspiring young people to succeed in the future.

Overview

eBay strives to contribute to the economic and social well-being of local communities through corporate initiatives and the efforts of the eBay Foundation. To this end, eBay engages its employees and customers and supports their pursuit of charitable giving and volunteerism.

Programs

K-12

Community Gives Campaign

This campaign seeks to create good in the world by inspiring people to contribute together to worthy causes. One of last year's three recipient organizations was First Book, which partners with existing literacy programs in thousands of local communities to distribute new books to children who, for economic reasons, have little or no access to books. Funding helped First Book reach thousands of additional literacy programs across the U.S. serving children in need with age-appropriate books and educational resources.

In celebration of eBay Foundation's partnership with First Book, reading parties were held in elementary schools in the following five locations: San Jose, CA; Washington, DC; Omaha, NE; Austin, TX; and Los Angeles, CA. At each of these events, eBay employees served as volunteers, reading to young students and distributing new books that each child was able to take home with them after the event. These volunteer events around the country engaged more than 70 employees.

eBay Giving Works

Giving Works empowers the eBay Community to buy and sell on eBay to benefit a cause, bringing compassion to e-commerce. Since its inception in 2003, Giving Works has raised more than \$125 million for charity. In August and September 2009, Giving Works ran a back to school promotion to raise money for roughly 80 education programs around the country.

Workforce Training

Seller Training

eBay is committed to providing the training and tools necessary to help entrepreneurs and small businesses succeed online. We provide training through a variety of formats including the Seller Information Center which provides online tutorials detailing selling practices on the eBay marketplace. eBay also facilitates in-person seller training through the Education Specialist program, eBay: On Location program and training events at small business summits and tradeshow.

Other Education Initiatives

GIVE Team Financial Grants

The eBay GIVE Team provides grants to worthy causes nominated by employees, with an emphasis on causes to which employees donate their own time. Organizations receiving GIVE Team grants in the past year for education-related projects include:

Bring Me a Book

Mountain View, CA

Businesses United In Investing, Lending (BUILD)

Menlo Park, CA

California Dictionary Project

San Francisco, CA

Fiver Children's Foundation

New York, NY

Girls on the Run San Francisco

San Francisco, CA

eBay *(continued)*

Opportunity Impact

San Francisco, CA

Peninsula Bridge Program

Menlo Park, CA

Resource Area for Teachers (RAFT)

San Jose, CA

San Francisco Scottish Rite Masonic Center

San Francisco, CA

Sports4Kids

Oakland, CA

Summer Search Silicon Valley

San Jose, CA

Super Stars Literacy

Oakland, CA

Brook Valley School

Omaha, NE

Girls on the Run of Nebraska

Lincoln, NE

100 Black Men of Omaha

Omaha, NE

HEWLETT-PACKARD (HP)

Headquarters: Palo Alto, CA

Overview

Hewlett-Packard (HP) is committed to helping teachers and students around the world to “re-imagine” the classroom by funding programs that will help drive innovation in education. HP aims to support teachers, not just technology: when we combine exemplary teaching with the right technologies to create a new learning experience is when student achievement increases. HP also believes that it requires collaboration between technologists, policy-makers, and educators to ensure that students’ and teachers’ needs are met.

HP offers educators a valuable perspective into the skills employers will look for in the future. In 2009, HP donated over \$17 million dollars through Innovations in Education to 140 programs; in the US, HP awarded grants to educational causes and institutions totaling more than \$9 million. HP has been committed to education for more than 65 years, and has invested more than \$250 million in education in the last nine years. HP believes first and foremost that innovation is required to support and sustain education gains in classrooms. This does not simply mean bringing change through technology, but finding individuals and programs that are changing the way education and technology interact.

HP believes that education helps maintain and grow global competitiveness, and that nations must invest in a highly educated and well-trained workforce, with a particular emphasis on courses in science, technology, engineering and math (the STEM fields). HP is committed to promoting advances in teaching and learning in the STEM fields. In addition to being core to HP’s business, these areas are fostering the next generation of workers, entrepreneurs, and high-tech engineers essential for innovation and growth.

Overview

K-12

2009 HP Innovations in Education Grants

HP’s Innovation in Education grants for secondary school districts in the US fund school districts to launch innovative pilot initiatives that support the administrators and teachers responsible for student success in math and science in middle schools and/or high schools.

In the US, HP plans to award approximately 25 grants to public or qualified private school districts. Each grant is valued at more than \$270,000 in HP technology, cash, and professional development to support innovations in the following areas:

Leadership Capacity

Creating a network of school administrators and key teachers who implement innovative approaches to curriculum, instruction, and the use of technology to enhance math/science learning.

Digital Learning Environments

Using technology to fundamentally redesign the learning experience in ways that lead to increased student engagement and academic success; can include innovations in online learning, virtual worlds, gaming for learning, and simulations.

HEWLETT-PACKARD (HP) *(continued)*

The Secondary Student

Design & Research Experience

Making math and science real and relevant by involving secondary students in design and research challenges that address real needs in society; can include local and/or global service learning.

High-Tech Career Awareness

Engaging administrators, teachers, and students in ways that increase awareness and interest in high-tech college degree programs and careers.

HP Digital Assist

HP and the National Basketball Association (NBA) have created HP Digital Assist in partnership with the NBA Cares program. This grant competition, developed with collaboration from the International Society for Technology in Education (ISTE), promotes learning through technology and basketball by fostering creativity and engaging opportunities to both learn and teach in order to improve student academic success in vital subjects including math, science and literacy. More than 5,000 students from approximately 100 selected Title 1 middle schools in Chicago, Dallas, Houston, Miami, the San Francisco Bay Area and Washington, D.C., will compete for grants worth more than \$80,000 in HP mobile digital classroom technology, NBA tickets and merchandise, visits from NBA stars and other awards.

Higher Education

HP Technology for Teaching

In 2008, HP celebrated 5 years of commitment to innovative educators who are transforming teaching and learning through the effective use of technology as part of the HP Technology for Teaching program. HP believes that teaching excellence, combined with the right technologies, has a positive impact on student achievement.

The HP Technology for Teaching Grant Initiative is designed to support the innovative use of mobile technology in K-16 education, and to help identify K-12 public schools and two and four-year colleges and universities that HP might support with future grants.

The HP Technology for Teaching initiative encompasses a total investment of nearly \$60 million since 2004, and has supported projects at more than 1,000 schools and universities.

In the U.S., HP was a sponsor of the 2009 National Educational Computing Conference (NECC) in Washington, D.C., the nation's largest education technology conference. The event attracted more than 15,000 educators and education leaders. HP hosted the HP Educator Appreciation Reception, where 30 of HP's Technology for Teaching grant-recipients were celebrated.

Other Education Initiatives

Creating Tomorrow's Entrepreneurs

Junior Achievement (JA)

HP teams up with Junior Achievement to foster entrepreneurial energy and socially responsible business practices in students around the world. In the US, HP and its employees have a long history of supporting JA classroom tutoring engagements, Whole School programs and JA-in-a-Day. Beginning in 2009, HP will partner with JA-Americas to support the HP Responsible Business Competition, as part of a global expansion of JA's Company of the Year program. The Americas region competition will be open to student teams who have entered their JA student companies for the JA-Americas Company of the Year, promoting and recognizing ideas students develop for socially responsible businesses. Additionally, HP and JA Worldwide have worked together for 13 years to host the Global Business Challenge, which encourages teams of high school and university students to act as chief executive officers of virtual companies. Teams compete by making decisions that affect the profitability, sustainability and market share of their virtual enterprise. The final round has featured students from around the world and the annual event has taken place near major HP sites both in the U.S. and internationally.

Overview

IBM is helping change the way the world literally works - to make the planet not just smaller and “flatter,” but smarter. IBM knows that a smarter planet begins with smarter education. Through innovative programs such as Transition to Teaching, the IBM KidSmart Early Learning Program, and Reading Companion, IBM is working to raise student achievement and enhance academic productivity to support thriving communities around the globe.

Programs

Pre-K

KidSmart Early Learning Program

This program integrates new interactive teaching and learning activities using the latest technology into the pre-kindergarten curricula in 57 countries. KidSmart features a specially designed computer learning center called the Young Explorer, a colorful “kid-proof” play station manufactured by Little Tikes and IBM and loaded with award-winning educational software.

K-12

TryScience

TryScience, a collaboration between IBM, the New York Hall of Science, and the Association of Science-Technology Centers, provides students, teachers and parents with the ability to access and discover the science presented by museums around the world through interactive exhibits, multimedia adventures, and live camera “field trips.” The site, which is available in nine languages, also provides hands-on science projects, many of which are correlated to National Science Education Standards and SciLinks codes.

IBM MentorPlace

Through this corporate volunteer program, IBM employees are providing students with online academic assistance and career counseling, while serving as caring role models. More than 6,500 IBMers and 7,500 students in over 35 countries are participating in the program.

PowerUp

IBM designed PowerUp, a free multiplayer online game, to help attract students to careers in engineering. The game teaches students about science, math and engineering principles as they save the planet “Helios” from ecological disaster. The program also includes lesson plans for teachers to leverage the game in the classroom.

TryEngineering

IBM is the technology partner of TryEngineering, a web site owned by IEEE and designed to inform teachers, school counselors, parents, and students about engineering and what engineers do.

Transition To Teaching

Through Transition to Teaching, IBM is enabling its employees who are interested in second careers to become fully accredited math and science teachers in their local communities when they choose to leave the company. IBM is reimbursing participants up to \$15,000 for tuition and stipends while they student teach, as well as providing online mentoring and other support services in conjunction with colleges, universities and school districts.

Reinventing Education

Launched in 1994, Reinventing Education is a \$75 million initiative, focused on school reform projects in 12 countries. IBM has been working closely with teachers, administrators and parents to drive systemic changes through the innovative use of technology.

IBM *(continued)*

¡TradúceloAhora!

Automatic Translation Project (www.traduceloahora.org) TradúceloAhora! (or “translate now”) is an IBM grant program that uses IBM WebSphere Translation Server software not only to translate Web sites from English to Spanish, but also to offer bidirectional e-mail translations (English / Spanish) to enhance communications between teachers and Spanish-speaking parents.

Workforce Training

Reading Companion

Reading Companion is IBM’s interactive Web-based technology that is helping children and adults learn to read. Reading Companion uses innovative speech-recognition technology that “listens” and provides individualized feedback to the user, enabling emerging readers to practice their pronunciation as they acquire fundamental English reading skills. For adults, the software allows them to gain literacy skills while reading content that is relevant to them.

SME Toolkit (www.smetoolkit.org)

In partnership with the International Finance Corporation of the World Bank, IBM has developed the SME Toolkit, a free on-line program that provides information and communication technologies to help small businesses learn and implement sustainable business management practices. The tool specifically focuses on women- and minority-owned businesses in the U.S. and emerging markets.

Overview

Opening Doors Through Education and Inspiring the Next Generation of Innovators

Intel believes that young people are the key to solving global challenges. A solid math and science foundation coupled with skills such as critical thinking, collaboration and problem solving are crucial for their success. That is why we get directly involved today in education programs, advocacy, and technology access to enable tomorrow's innovators.

Intel has invested over \$1 billion and its employees have donated over 2.5 million hours volunteering to improve education around the world over the last decade. We not only invest financially, but we are actively involved in programs and advocacy to improve education and advance innovation.

Intel's global education initiative is designed to meet the local needs of a country. In the United States, we firmly believe that maintaining the country's competitiveness in today's global economy will in large part depend on the success of our nation's students.

Whether it is to train educators on improved methods of teaching and learning, or to engage student interest in math and science, Intel's education programs are designed to help students graduate with the skills necessary to be successful in college and the work place. We also partner with education and community leaders to support policy and program initiatives that enable the U.S. to maintain its leadership in technology and innovation.

Additionally, diverse perspectives, abilities, and experiences are key to the success of Intel. Intel's programs reflect a commitment to delivering excellent education initiatives that ensure those communities and students who are underserved and underrepresented have access to technology and are inspired to pursue careers in science, technology, engineering, and math (STEM).

Programs

K-12

Intel Science Competitions: Inspiring Young Innovators

Intel sponsors the most prestigious high school science competition in the U.S.—the Intel Science Talent Search (STS)—and the world's largest science competition—the Intel International Science and Engineering Fair (Intel ISEF). Both of these competitions are programs of the Society for Science and the Public. Over the years, STS competitors have gone on to win top honors such as the Nobel Prize, Fields Medal, and MacArthur Fellowship. Participants in both contests acquire authentic

scientific research skills, tackling challenging problems on topics such as alternative energy, cancer treatments, and nanotechnology.

Intel Computer Clubhouse Network

The Intel Computer Clubhouse Network is an after-school program in underserved communities, at nearly 70 clubhouses nationwide. The Intel Computer Clubhouse Network is an after-school community-based technology learning program that enables youth in underserved communities to acquire tools necessary for personal and professional success. A Computer Clubhouse is more than just a safe environment for youth; it is also a creative

place where a “community of learners” — young people working with adult mentors and staff — use technology as a tool for learning and creative expression. The supportive learning environment within the Computer Clubhouses enables young people to build skills as well as self-confidence.

Intel Teacher Recognition & Development

The Intel Schools of Distinction honors K-12 U.S. schools that have demonstrated 21st century teaching and learning environments, which promote excellence in math and science education. The Intel Foundation and sponsoring companies distribute \$1 million in grants and awards to winning schools.

Since 1999, the Intel® Teach Program has helped teachers integrate technology tools into their lessons to prepare students for the global economy. Through face-to-face and online instruction, Intel Teach has reached more than 6 million teachers to date, including more than 350,000 in the U.S.

Higher Education

Intel Higher Education Program

Through a sustained collaboration with universities and two-year colleges, the Intel® Higher Education Program brings cutting-edge expertise to university campuses that enhance the learning environment and encourage students to pursue technical degrees.

Intel awarded more than 620 grants of over 36 million to 110 U.S. universities. Intel also supports entrepreneurship education through workshops and competitions, with the goal of encouraging innovation and start-ups.

Other Education Initiatives

Advocacy & Collaborations

Intel supports public-private partnerships to achieve excellence in education. In 2005, Intel joined the Partnership for 21st Century Skills and has been instrumental in advancing the 21st century skills education agenda in the United States. Intel currently chairs the Partnership board. In the last three years, Intel has collaborated with the Partnership to release groundbreaking research, polls and ICT/21st century skills maps. Intel currently collaborates with the State Educational Technology Directors Association (SETDA) to promote the effective uses of technology in the classroom in an effort to change instructional practices and improve student achievement.

Overview

In the business of computers; dedicated to the pursuit of educational excellence

Lenovo manufactures personal computers and operates a growing education sector practice that provides schools with technology, training and solutions to improve student outcomes and streamline operations. Lenovo works with thousands of primary and secondary schools to integrate PC technology into curricula with laptops, desktops and recently with netbooks, such as the IdeaPad S10e education netbook.

Lenovo offers schools information and services regarding the U.S. federal economic stimulus programs. In addition, Lenovo sponsors forums, including the annual ThinkTank Conference, for educational thought leaders and practitioners to guide development of educational technology strategies that have a meaningful, positive impact on learning.

On a global scale, Lenovo is leading a global network of research institutions that will conduct valid, reliable and timely research on education governance, leadership, curriculum, and professional development policy and practice – all to inform education reform efforts. Three of the five core research sites are located in the United States and the program includes several affiliate educational institutions throughout the country.

Programs

K-12

1:1 computing and ThinkPad Academies (K-12)

1:1 computing and Thinkpad Academy initiatives place laptops or netbooks directly in the hands of every student and teacher. There are over 150 such programs across the country. Through accessible technology, students access a more engaging, individualized learning experience. While technology is the means of 1:1 computing, the focus is on providing new opportunities for students and educators alike. Whether preparing students for higher education or future careers, 1:1 programs help to motivate students and improve engagement, attendance and outcomes. For teachers, 1:1 offers better opportunity to interact with students, collaborate with peers and increase productivity in the classroom.

Global Education Research Initiative

The Global Education Research Initiative will analyze and measure the impact of technology on students' educational experiences at various levels,

ranging from first grade through higher education, both inside and outside the classroom.

The research will help outline clear actions and best practices for national, provincial and local governments to improve their use of technology in education. Lenovo is developing the Global Education Research Centers in partnership with Microsoft and Intel. Three of the five core research sites (detailed below) are located in the United States and the program includes several affiliate educational institutions throughout the country.

Student Global Leadership Institute at Punahou School (Honolulu, HI)

Going live in July 2010, the Institute for International Leadership will bring together top schools in the U.S. and China to foster a multinational, multilingual online learning framework driven by technology. The Institute will promote leadership development in academics and in public service for secondary school students and teachers and encourage international collaboration.

Tiger Woods Learning Center (Anaheim, CA)

Launched in February 2006, the Tiger Woods Learning Center is a one-of-a-kind life experience custom built for underserved youth. The Center is technology-rich, innovative and motivates students who are imaginative, engaged and planning their paths to college and a career. This after-school campus, designed to inspire career exploration, serves members in grades five through twelve. Classes include forensic science, robotics, engineering, aerospace, video production and marine biology.

University of North Carolina Center for Faculty Excellence (Chapel Hill, NC)

The University's established faculty center will immediately begin developing and evaluating new faculty development strategies necessary to support instructional innovation. Beginning September 2009, UNC faculty will be awarded grants from Lenovo to research the efficacy of technology in teaching, learning and assessment.

Higher Education

ThinkPad University

Since 1993, the ThinkPad University Program has helped transform higher education through the innovative use of technology. While connecting college students to the internet, their campus, faculty and peers, the program offers worry-free and reliable technology. Further, it provides a level playing field for every student by using a common platform for collaboration. Through the more than 250 ThinkPad Universities in the United States, students receive onsite hardware and software support, while colleges and universities can reduce support costs and focus instead on their core competencies of teaching and learning.

Other Education Initiatives

Lenovo Employee Cares Campaign

Through the Triangle United Way, Lenovo employees gave more than \$300,000 annually in donations to local, national, and international non-profit organizations doing social, health, educational, environmental services.

Kramden Institute

Lenovo donates used computers and computer parts to Kramden Institute and organizes employees to volunteer with the Kramden Institute. Kramden's mission is to refurbish and distribute computers to deserving students in homes with limited financial means.

Overview

Endowed with gifts from Micron Technology, Inc., the Micron Foundation's mission is to develop effective programs that promote math, science, and engineering education; and to participate in activities that address the priorities and concerns of the communities where Micron employees live and work. Outreach, grants, innovation, and collaboration are key elements in reaching our goals. The Micron Foundation funds educational and community grants in specific program areas in communities where Micron has manufacturing facilities. For community and K-12 grants, eligible organizations must be located near one of Micron's manufacturing sites (in the US: Boise, ID and Manassas, VA).

Programs

K-12

Math Fun d' Mentals (Boise, ID)

The Micron Foundation has recently launched Math Fun d' Mentals family math kits for school-parent organizations to host family math events. Parents and their children engage in fun and enriching mathematical activities at these events.

E-Mail Mentoring (Boise, ID)

Women in technical careers are matched with eighth grade female students, share information about their careers and encourage the girls to pursue math, science, and technology course work.

Micron Challenge (Manassas, VA)

The Micron Challenge is a contest designed to give 8th grade students a chance to be challenged with an independent research topic. The projects are evaluated and winners attend a luncheon complete with a site tour and interaction with Micron engineers.

Chip Camp (Boise, ID)

Micron engineers lead hands-on activities related to semiconductor manufacturing in a three-day summer camp experience for tomorrow's scientists who have completed the 7th or 8th grades.

WITC Luncheons (Boise, ID)

Women in Technical Careers (WITC) is a collaborative program with the Society of Women Engineers and others to bring lunchtime career presentations to female students, grades 9-12.

Career Awareness

The Micron Foundation offers a day-long program for 11th and 12th graders interested in technical or scientific careers that includes a general introduction to high tech careers and a job shadowing opportunity.

Higher Education

We believe research is the future. As part of our commitment to education, the Micron Foundation supports research opportunities at universities around the world and across the United States¹. Our university partnerships promote innovation through collaboration by funding laboratories and research projects. Our multi-year grants are dedicated to further the advancement of semiconductor materials, devices and processes.

We also support students through undergraduate and graduate fellowships, student competitions, and research symposiums. University participation is by Micron Foundation invitation only.

Other Education Initiatives

Community Grants

Micron offers community grants for educational and charitable programs in Micron manufacturing communities. The grant program seeks to:

- Provide opportunities for hands-on experiences
- Improve teacher content knowledge
- Support extra-curricular science and math opportunities
- Provide advanced learning opportunities (A.P., I.B., etc.)
- Fund charitable programs that address the priorities and concerns of our site communities

Teachers at Micron

Micron hosts teacher workshops and site visits to acquaint educators with the connections between the classroom and the workplace.

Classroom Lessons

In addition to our educational grants, The Micron Foundation has over 50 lesson plans using hands-on activities and Micron volunteers to reinforce math, science, or technology concepts.

Websites

The K-12 website includes real-world demonstrations of the relevance of mathematics in a variety of careers. The site features “Job Talk” which provides job profiles of high-tech careers.

¹ Boise State University, Montana State University, University of California Berkeley, Brigham Young University, Stanford University, University of Idaho, Clarkson University, Virginia Commonwealth, University of Illinois Urbana-Champaign, George Mason University, Virginia Tech, University of Utah, Iowa State University, Rochester Institute of Technology, University of Virginia, University of Washington, and Utah State University.

Overview

Microsoft is working to ensure that students are empowered with 21st century skills as a key foundation for economic growth. We are committed to extending the reach of high-quality education to all by focusing our innovation on enabling relevant, personalized learning for students and giving educators creative tools, greater insight and more time. Microsoft offers a variety of programs to help educators connect with each other, prepare students for tomorrow's careers, and increase access to technology and training for learners in classrooms, on campuses and in the larger community.

Programs

K-12

Microsoft Partners in Learning

Partners in Learning is a global initiative designed to actively increase access to technology and improve its use in learning. Our goal is to help schools gain better access to technology, foster innovative approaches to pedagogy and teacher professional development and provide education leaders with the tools to envision, implement and manage change.

Innovative Schools

Incorporates Intellectual Property, Technology Expertise, Experiential Knowledge and Community Support to inspire thought leadership, discover best practices, and create models that any school, any system can use in the future to prepare children for success in the 21st century.

School of the Future

In partnership with the School District of Philadelphia, Microsoft helped build an urban public high school incorporating innovative organization and technology solutions to serve as a model that can be replicated by school districts around the world. The School of the Future resource kit is available at <http://www.microsoft.com/Education/SchoolofFutureDocumentary.msp>.

Innovative Teachers Program

To help educators further their professional development and learn from and inspire one another, this program promotes the creation of exemplary

practices, awards software grants and gives educators access to online learning communities.

Innovative Teachers Network

Currently Microsoft's global community for educators who value innovative uses of information and communication technology to enhance teaching and learning experiences.

Microsoft Technology Blueprint for Primary and Secondary Schools

The Microsoft Technology Blueprint aligns educational objectives to the core technology infrastructure that schools require to support these objectives.

Games for Learning Institute (G4LI)

The Games for Learning Institute (G4LI) is a first-of-its-kind, multi-disciplinary, multi-institutional gaming research alliance to build scientific evidence to support games as learning tools for math and science subjects among middle school students.

Higher Education

Faculty Connection

Featuring content and valuable tools that are exclusive, free and designed to support technology educators, this site offers curriculum, free software, members-only forums, insight into Microsoft's latest initiatives, as well as access to regional events and training. Faculty Connection may be accessed at <http://www.microsoft.com/facultyconnection>

Microsoft® External Research

This site (<http://www.microsoft.com/facultyconnection>) is dedicated to building world-class relationships with leading universities, government agencies, professional organizations and industry partners to advance research, enhance the teaching and learning experience, inspire technological innovation, and cultivate the next generation of thought leaders.

Live@edu

This program connects campuses with hosted e-mail and provides students and alumni with free e-mail accounts that potentially never expire, featuring a custom domain name selected by each institution.

Microsoft Student to Business

The Students to Business (S2B) program is a Microsoft® Community Initiative designed to connect Microsoft partners and customers with qualified students for entry-level and internship positions.

Other Education Initiatives

Microsoft Imagine Cup

The world's largest student technology competition, encouraging students to imagine a better world enabled by their own imagination and creativity.

Microsoft DreamSpark

Allows current university or high school students to download professional Microsoft developer, designer, and gaming software at no charge.

Microsoft IT Academy

A subscription-based membership program designed for academic institutions. It offers comprehensive IT training, resources, and Microsoft certification opportunities to enhance employability and encourage life-long learning.

Microsoft Accessibility Efforts

For more than a decade, Microsoft has led the way in making technology products and solutions accessible to all people, including those with disabilities. Through these efforts, computers are becoming a positive force in employment, education, and recreation for people with disabilities.

Partnerships for Education

Microsoft is a member of Partnerships for Education (PfE), a joint initiative of UNESCO and the World Economic Forum, which tries to harness public and private initiatives around the world to create partnerships and improve education outcomes.

Solutions & Tools

Microsoft works collaboratively with educators to provide applications, technologies and solutions that are scalable, interoperable and abide by open standards to meet the specific needs of education at every level.

Microsoft Learning Gateway

This end-to-end technology framework integrates components and services from multiple vendors, including community source, to help educational institutions meet e-learning, collaboration and communication objectives and improve teaching and learning outcomes.

Microsoft Learning Essentials

Learning Essentials for Microsoft Office 2.0 provides education-specific tools for students and educators to get the most out of their familiar Microsoft Office applications.

Security Guidance Center for Education

Technical guidance, tools and training help manage a security strategy that's right for each school or university.

NATIONAL SEMICONDUCTOR

Headquarters: Santa Clara, CA

Overview

Success is important to National Semiconductor—in achieving our business goals as well as fulfilling a commitment to the company’s communities worldwide. That is why National’s efforts are focused where there is potential to do the most good—in its immediate communities—and why National focuses on issues that are important to community members, employees, and the company. Program focus areas are Education and Critical Community Needs.

Programs

K-12

National Semiconductor Power of Education Program

National Semiconductor’s Power of Education Program is a three-year, \$1.2-million initiative to support K-12 science and math instruction. Our Power of Education Program provides grants for teacher professional development, with a focus on inquiry-based teaching strategies.

National Semiconductor is working with organizations that are leading the way in new methods of teaching science through the integration of literacy strategies (such as reading, writing, and listening) within the science curriculum. Pilot studies have shown that teaching science using language literacy results in higher test scores and increased student comprehension.

The Power of Education Program awards grants to educational organizations in the three major U.S. communities where National Semiconductor has a presence. The most recent recipients include entities in the following states:

California

At the Santa Clara County Office of Education, National is providing a \$150,000 grant to help 4th and 5th grade teachers teach physical science using hands-on, student-centered activities. National is also partnering with the Resource Area for Teaching by giving a \$120,000 grant to offer curriculum and materials for local teachers to strengthen their STEM (Science, Technology, Engineering, and Math) programs. Finally, National has teamed up with our local school district, the Santa Clara

Unified School District, to create a pilot program for teaching science using literacy strategies. This grant of \$300,000 to the district will help all students, and especially English Language Learners, improve their understanding of science by providing contextual learning through reading and writing.

Maine

In Maine, National continues to build upon a relationship with the Maine Math & Science Alliance (MMSA) by providing a \$240,000 grant to integrate literacy into the science curriculum. Through professional development and coaching for teachers, the MMSA staff shows teachers how they can give their students richer depth in their science studies by using reading and writing.

Texas

National’s two Texan partner school districts, Arlington and Mansfield Independent School Districts, have received \$108,000 and \$72,000 grants respectively. These grants focus on turning traditional textbook lessons into student-centered, inquiry-based lessons. In addition, they aim to provide teachers with new methods for teaching science, such as broadening academic vocabulary and reading in the content area.

Higher Education

National Semiconductor provides grants to selected academic partners to enhance the teaching and education of students in analog integrated circuits and electronics.

NATIONAL SEMICONDUCTOR *(continued)*

Workforce Training

K-12 Education Initiatives

Through these initiatives, thousands of teachers have received free professional development on math, science and technology, and dozens have won recognition awards for their use of science and technology in the classroom.

Overview

Oracle uses our technology and resources to advance education, focusing on both technology and 21st century skills. As our greatest assets are our people, we understand that education is a long-term investment. In Oracle's fiscal year 2009, we provided over \$550,000,000 of in-kind educational donations to schools throughout the U.S., serving 3,700 schools. We are constantly trying to do more with the objective of providing better opportunities for our students, higher skilled workforce for businesses and government as well increased talent to advance regional economic growth and job creation.

Programs

All Oracle programs are completely free and operate in all 50 states in the Union, reaching over 3,800 schools and 150,000 students.

K-12

ThinkQuest

ThinkQuest is an online learning platform (www.thinkquest.org) sponsored by the Oracle Education Foundation. It enables teachers to create web-based learning projects and for students to connect with peers in other countries and develop important 21st century skills, such as teamwork and critical thinking.

ThinkQuest has four educational areas:

Project Space

A flexible framework for engaging students in exploring curricular topics and developing important 21st century skills, such as communication, teamwork, and technology skills. In addition, students are motivated by the fun and creative format and the opportunity to make new friends around the world. For teachers, a school portal enables quick and easy management of student accounts and review of project work.

Competition

Oracle hosts an international website building and narrative essay competition. Teams from around the world choose an educational category and design and

code an innovative website or choose a topic and create rich content using our online project tools.

Library

The ThinkQuest library hosts over 7,000 websites created by students around the world who have participated in a ThinkQuest Competition. This is an award winning on-line site for children. This is an opportunity for students to be a published author and own intellectual property.

Professional Development for Teachers

The Project Learning Institute (formerly 21st Century Learning Institute) trains teachers how to integrate technology, project learning, and 21st century skills development into their classroom curricula. It includes six weeks of online training and four days of in-class training.

Higher Education

Oracle Academy

Oracle Academy is a computer science and business training program that provides software, curriculum, hosted technology, and certification resources to secondary and higher education institutions. The program stands out as one of the most comprehensive academic programs in the information technology industry. Students develop real-world IT and business skills that help them excel in the 21st century workplace.

Workforce Training

Introduction To Computer Science

Designed for high schools, technical schools and vocational schools, this option provides faculty with a highly structured, rigorous training program that prepares them to teach introductory IT and business curricula. Participating students develop technical, analytical, and business skills that support the pursuit of professional careers and advanced study.

This offering uses a train the teacher model, where current teachers take on-line classes for 9 weeks followed by a 5-day face-to-face, intense, training, which certifying teachers to train for one year. All curriculum and support are available on-line, cutting down on carbon emissions.

Advance Computer Science

Designed for college and university computer science departments, this option provides faculty with Oracle database and middleware software, and curriculum for teaching use. Computer science, engineering and information systems students gain exposure to Oracle's world-class software, giving them a competitive advantage as they prepare to enter the workforce.

This offering is designed to enhance current curriculum and give students exposure to cutting edge technology.

Enterprise Business Applications

Designed for college and university computer science departments and business schools, this option provides faculty with Oracle applications software and curriculum for teaching use. Participating students gain exposure to how IT applications are used in industries such as finance, retail, telecommunications, healthcare, and manufacturing.

Other Education Initiatives

Scholarship Programs

Oracle and United Negro College Fund are Building the Future with the Scholars of Today

Since 2002, Oracle has provided educational grants to the United Negro College Fund (UNCF). The grants fund scholarship and internship programs helps participating students gain actual work experience across multiple disciplines. The interns have also attended professional development sessions on "Networking 101" and "Building Your Professional Resume." The grant is a response to the Technology Enhancement Capital Campaign, launched by the UNCF to give historically black colleges and universities access to advanced teaching and learning methods, and cutting edge technology within degree programs.

Women in Engineering

Oracle is committed to helping increase the number of women in the engineering fields, and believes in giving back to the community by supporting the education of individuals who can eventually make a difference in the world. Oracle donated scholarships to three young women, passionate about turning their high-school dreams of studying technology into college education realities.

Overview

Qualcomm strives to prepare today's students for the demands of tomorrow. We look for ways where we can make measurable, meaningful change, and we bring our breadth of resources — human, financial and technical — to the service of these projects.

Qualcomm supports programs across the educational continuum: training for K-12 math and science teachers, curriculum development at the high school and college level, transformational change for urban public schools, collaboration between the high-tech sector and university-level instruction, one-to-one programs using wireless technology and aligning resources for students at all levels to explore careers in engineering.

Programs

K-12

Qualcomm supports programs at the K-12 grade levels, because we believe that early student achievement is critical for the development of our future high-tech workforce. We target three focus areas within math and science education: teacher professional development, student success, and systemic transformation. Qualcomm is also engaged in the area of arts education.

Teacher Professional Development

Improving Student Achievement in Mathematics (ISAM)

- Program designed to improve public school mathematics instruction at all levels by enhancing teachers' subject knowledge and instructional effectiveness. ISAM provides Math Specialist Certificate Programs for elementary school teachers, and new Highly Qualified Math Teacher Program that helps students understand the applications of math in technology.

Project Lead the Way (PLTW)

- Hands-on project-based curriculum designed to nurture interest in engineering among high school students, who still have time to prepare for the demanding major. Qualcomm supports the California State affiliate, SDSU, to train teachers in the PLTW curriculum and pedagogy.

Student Success

Qualcomm supports a broad range of classroom and after-school programs that directly impact student achievement in math and science. Some of our key partners include: Elementary Institute of Science, San Diego Science Alliance, Barrio Logan College Institute, AVID, and Classroom of the Future Foundation.

California State Summer School for Mathematics and Science (COSMOS)

- Qualcomm helped bring a COSMOS Institute to the University of California San Diego. COSMOS is a residential academic experience for top high school students in mathematics and science. The COSMOS course clusters address topics not traditionally taught in high schools such as astronomy, aerospace engineering, biomedical sciences, computer science, wetlands ecology, ocean science, robotics, game theory, and more.

FIRST Robotics

- Qualcomm co-sponsored the inaugural San Diego Regional FIRST Robotics Competition. The FIRST Robotics Competition is an exciting, multinational competition that brings professionals and high school student teams together to solve an engineering design problem in an intense and competitive way. Qualcomm employees volunteer as student team mentors to help build a robot from design to completion, as well as volunteer at the competition event in a variety of ways such as serving as judges, robot inspectors, and scorekeepers.

Qualcomm Career Experience

- High school students visit Qualcomm's corporate headquarters to learn first-hand about life as a Qualcomm engineer. A panel of employee volunteers share their experiences, background, career path, and inspirations. Students also take a tour of Qualcomm high-tech manufacturing facilities.

Systemic Transformation

Wireless Reach

- Project K-Nect – Through Qualcomm's Wireless Reach™* initiative and in partnership with the North Carolina Department of Public Instruction and Digital Millennial Consulting, Qualcomm is supporting Project K-Nect. Project K-Nect is a pilot education program using Smartphones with 24/7 wireless broadband connectivity to deliver educational material and access to learning communities to 150 9th grade students in Onslow, Durham and Winston-Salem/Forsyth Counties to improve math proficiency levels in the state. The project recently received funding from the Department of Defense Education Authority to expand it to approximately 1,500 students in the 2010 spring semester. The project aims to increase math achievement and improve classroom performance by improving the academic involvement of harder-to-engage students who have struggled with math. It also seeks to dramatically impact the current digital divide by providing supplemental learning through mobile Smartphones with high-speed wireless connectivity to students who otherwise might not have access to a computer at home.
- Qualcomm has also funded a project in Atlanta to assist a struggling middle school. Working with a non-profit called Partners for Digital Equality (PDE), 42 students will receive Gobi™-enabled laptops. Wireless Reach is building on PDE's donation to enhance their Learning Without Walls initiative to help improve morale and student engagement in a challenged school district that recently had its accreditation reinstated. Students will also have access to tutor.com and other educational resources outside of school. Wireless Reach is also researching software platforms to make the program more robust, and potentially

providing funding for additional lower cost devices such as smartphones so more students can be involved in the pilot.

- In San Diego, Qualcomm is funding the creation of an Augmented Reality (AR) Experience in Balboa Park as part of the City Heights Collaborative School in the Park program. This will demonstrate the unique use of wireless broadband in learning. School in the Park is a program whereby each grade in the City Heights Collaborative spends several weeks each year in Balboa Park rather than their classroom. Originally created due to overcrowded schools, they focus on one or two museums and receive instruction from the museum educational staff. A situated AR game will involve using mobile devices to interact with virtual people and/or items based on geographic location.
- Wireless Reach is funding five additional pilots in 2010 to address the barriers to adoption of wireless devices as a learning tool in classrooms. The pilots will focus on professional development for teachers, digital content and giving students devices with 24/7 connectivity at various grade levels within K-12.

National Center for Urban School Transformation (NCUST)

- Qualcomm provided the seed funding to launch the NCUST. The goal of the Center is to develop an institutional infrastructure to support the transformational process in urban schools, providing a forum for practical, action-oriented dialogue with urban school districts. The Center's programs enable urban schools to develop customized processes for change.

Access to Engineering

- Qualcomm strives to increase exposure to STEM curriculum to under-represented populations, and partners with a variety of organizations to provide system-wide access for women and minorities to career paths in the high tech world. These organizations include: National Action Council on Minorities in Engineering, Tech Trek, Girls MATTER, Society of Hispanic Engineers, San Diego MESA, National Society of Black Engineers, San Diego MANA, and the Society of Women Engineers.

RESEARCH IN MOTION (RIM)

Headquarters: Waterloo, Ontario, Canada

Overview

Research In Motion (RIM) believes that industry-university collaboration is key to fostering innovation and the development of new ideas and technologies. The RIM Academic Relations team develops and maintains strategic partnerships between RIM and academic institutions around the world through support of research projects, management of BlackBerry academic content and curriculum and student sponsorship and outreach programs. RIM's well-established track record of research collaboration with universities across North America is actively expanding to universities and academic institutions internationally.

Programs

K-12

Sponsorship/Outreach

RIM develops and promotes outreach and student sponsorship activities to encourage students to study math, science and engineering. RIM outreach initiatives are offered at all levels of education and include support of engineering and computer science student technical clubs, high school robotics competitions and science fairs and the BlackBerry Hands-On Workshop.

Higher Education

Research

Research collaboration between RIM and leading research institutions are vital for fostering innovation and exploring new ideas and future technologies. Researchers benefit from working on real world challenges while RIM gains exposure to the next generation of talented researchers and students.

RIM provides support for research collaborations in the areas of engineering, computer science, mathematics, business, design and the social sciences through a number of mechanisms including:

- Research project funding
- Scholarships at both graduate and undergraduate levels
- Professorial fellowships
- Provision of devices and equipment

BlackBerry Academic Program

The BlackBerry Academic Program trains the next generation of BlackBerry developers, administrators and users through developing and managing BlackBerry educational courses in community colleges, career colleges and universities and promotion of mobile technology education in wireless networking and application development for mobile devices.

Other Education Initiatives

Research In Motion is working to develop partnerships with academic institutions across the United States. Examples of these partnerships include:

- The RIM scholarships at Florida Atlantic University Department of Computer Science and Engineering. The RIM scholarships fund graduate students and provide the means for researchers and students to interact with RIM through regular meetings with RIM staff and dissemination of researcher and student publications.
- Undergraduate scholarships and graduate fellowships in the University of Texas at Dallas Jonsson School of Engineering and Computer Science.
- RIM Research Fellowships in the School of Engineering at Southern Methodist University in Dallas.

Overview

Sony in America believes in investing in the education of the nation's children. By contributing to the educational well-being of students throughout the country today, we believe that we are helping to lay the foundation for the informed citizens and educated employees of tomorrow.

Programs

K-12

Rolling Readers USA

Employees from the company read aloud to the same group of elementary school students once a week. The company donates two new books per year to each of the school's students.

Higher Education

National Action Council for Minorities in Engineering

Sony supports the Council in providing scholarships that are designed to increase the representation of African American, American Indian and Latino women and men in careers in engineering, math and science.

Star Class Scholarship Program: Helping High School Students go to College

The "Star Class" program began in 1991 with the first scholarships awarded to two members of the graduating class of 1994. The students are exposed to Sony professionals by participating in events such as Job Shadow Day and Career Day. The students also assist Company employees at Sony special events and Sony-sponsored volunteer events such as the March of Dimes Walk, Junior Achievement and Sony Global Volunteer Day. Each year two winners are selected as seniors, and awarded \$10,000 scholarships.

Thurgood Marshall Scholarship Fund

Sony contributes to this fund, which provides merit scholarships and programmatic support to students attending the nation's historically Black public colleges and universities.

Other Education Initiatives

Electronic Products Donations

Sony gives electronic products to schools to aid education across the country; facilities that have received equipment include:

- Northview High School (Dothan, AL)
- Adrian C. Wilcox High School (Santa Clara, CA)
- Orange Glen High School (Escondido, CA)
- The Community School (Teaneck, NJ)
- Queens College (New York, NY)
- University of California, Berkeley
- University of California, San Diego

Overview

Teradata believes that developing student interest in technology subjects will lead to not only a stronger future workforce but a better world as well. That's why Teradata Cares provides grants for initiatives consistent with our company focus on science, technology, engineering and mathematics (STEM).

Programs

K-12

Partnership with FIRST

Through their partnership with FIRST, For Inspiration and Recognition in Science and Technology, Teradata supports students in middle school and high school in STEM programs.

Higher Education

National Merit Teradata Scholarships

Every year Teradata provides scholarships to children of Teradata employees who are selected as National Merit Scholarship winners.

Teradata FIRST Scholarships

Teradata provides annual scholarships to selected high school seniors who have participated on a Teradata sponsored FIRST team, during their senior year of high school.

Teradata University Network (TUN)

The information systems field changes rapidly, and it is difficult for faculty and students to have access to up-to-the-minute instructional materials and state-of-the-art software.

This need is being met through the Teradata University Network, a web-based portal for faculty and students in data warehousing, business intelligence/decision support, and database that is provided at no cost to the university. This content also can support introduction to IT courses at the undergraduate and graduate levels.

The Teradata University Network currently has over 1,800 registered faculty members, from over 850 universities, in 71 countries, with thousands of student users. A key to the success of Teradata University Network is that it is led by academics. Faculty can choose from a variety of materials including:

- Course syllabi used by other faculty
- Cases, projects, and assignments (with teaching notes)
- Teradata, MicroStrategy, and other software (with learning materials)
- Access to large data sets, training materials, web seminars, and much more

In addition to Teradata University Network, there is a free companion site for students, the Teradata Student Network. It contains a subset of the materials on TUN.

Other Education Initiatives

Teradata Cares

Teradata Cares focuses on STEM initiatives will lead to not only a stronger future workforce, but also to helping youth develop the interest and skills necessary to better their world

The program offers broad support of environmental and community-development programs to allow employees to specifically target personal areas of concern.

It also combines existing and new approaches to encourage employee engagement in a wide variety of life-improving programs and activities.

TERADATA *(continued)*

Teradata gives grants to targeted STEM organizations, such as For Inspiration and Recognition in Science and Technology (FIRST). FIRST is a STEM-based, non-profit that provides innovative programs to motivate young people to pursue education and career opportunities in science, technology, engineering, and math. Teradata also sponsors the Intel International Science and Engineering Fair. Finally, the National Merit Teradata Scholarships program celebrates and recognizes children of Teradata employees.

Teradata Cares addresses the educational shortfall in STEM areas that's resulting in talent shortages. Teradata feels it's a great way to attract a new generation of clients and employee recruits, enhance the Teradata family's quality of life, and nurture relationships between the company and its range of constituents – ultimately, making the world a better place.

TEXAS INSTRUMENTS

Headquarters: Dallas, TX

Overview

At Texas Instruments, education is the highest priority for corporate philanthropy—a heritage of involvement that traces back to the company’s founders. Each year, TI and its corporate foundation make financial contributions totaling millions of dollars in grants and other gifts to schools, educational programs, and universities. TI seeks opportunities for fundamental change by developing and supporting programs with measurable success that can be replicated elsewhere. Below are select program examples—a full listing, including TI-sponsored scholarships and university research, can be found at <http://www.ti.com/corp/docs/csr/community/education/>.

Programs

K-12

MathForward

TI developed and implemented MathForward, a research-based program that combines instruction, professional development, curriculum integration and classroom technology to improve student achievement in algebra and algebra readiness. The intervention program has proven successful in significantly raising the test scores of students who previously failed state math assessment tests. First launched at a junior high in the Richardson Independent School District, today more than 40 schools from eight states participate.

AP Incentive Program™

The Advanced Placement Incentive Program™ is designed to encourage students to take more rigorous college-level course work in high school. The TI Foundation was the first corporate foundation contributor and continues to support the program’s financial incentives for both teachers and students in the Dallas Independent School District. The program has shown an 800 percent increase in students taking and passing AP exams since its inception in 1995.

Infinity Project

Created by TI and Southern Methodist University (SMU), the Infinity Project makes math, science, and engineering more relevant to students by incorporating real-world applications, such as MP3 players and digital cameras. Students in nearly 350 schools in 37 states and the District of Columbia participate in the Infinity Project.

Teacher Effectiveness

In September 2009, the TI Foundation announced a \$3 million investment to advance the effective, innovative teaching of STEM subjects. Two major grants of \$1.5 million each will go to proven, successful programs:

- Laying the Foundation, to provide training and professional development for current math/science teachers in Dallas, Richardson, and Garland school districts.
- UTeach, to train new certified math/science teachers, in conjunction with the National Math and Science Initiative and three area universities (University of North Texas, UT Arlington and UT Dallas).

Innovations in STEM Teaching Awards

The TI Foundation’s STEM Teaching Awards were established in 2007 to recognize instructors at the secondary level who enhance student achievement and increase interest in high school classrooms in the Dallas, Plano and Richardson independent school districts.

The teachers participate in a unique annual professional development day at TI’s facility. Recipients each receive \$10,000—half directly awarded to the teacher and the other half to be used at the teacher’s discretion for professional development or instructional technology. Thirty teachers have been recognized since the program’s inception.

TEXAS INSTRUMENTS *(continued)*

Math Scholars

The TI Foundation funds a five-year, \$1.1 million grant to the Math Scholars program at the University of North Texas Dallas campus, which is designed to encourage more students to seek mathematics degrees with math teacher certification. Students selected for this program must agree to teach in Dallas-area school districts for a minimum of two years upon graduation.

Higher Education

Texas Engineering and Technical Consortium (TETC)

As founding members, TI and the TI Foundation invested \$2.5 million over more than five years in TETC. This unique collaboration among industry, federal and state government, and universities seeks to increase the number of engineering and computer science graduates in Texas through competitive grants focused on improving both retention and recruitment.

Promoting Diversity in STEM

Women of TI Fund

In 2000, a group of senior TI female executives formed the Women of TI Fund to expand math, science, and technology education for girls in the Dallas area. The High-Tech High Heels three-pronged gender equity approach is designed to:

- Reduce math and science educator biases through training
- Dispel stereotypes through guidance counselor workshops
- Increase girls' confidence via summer physics camps to increase enrollment and passing rates of female students in AP courses

Hispanic Engineering Science and Technology (HESTEC) Program

TI sponsors the HESTEC program, which is organized by the University of Texas-Pan American, to attract Hispanic students to science and engineering.

National Society of Black Engineers (NSBE)

As a member of the NSBE's Board of Corporate Affiliates, TI promotes its mission to increase the number of culturally responsible black engineers who excel academically, succeed professionally and positively impact the community.

In addition to providing more than \$750,000 to NSBE over the past five years, TI has supported tutorial programs, group study sessions, high school/junior high outreach programs, technical seminars and workshops and professional chapters.

Overview

Time Warner's philanthropy focuses on education and the arts. Specifically, we fund programs that raise academic achievement among highly motivated middle and high school students from underrepresented backgrounds, and organizations that nurture creativity and diversity in the arts.

Through our education grant-making initiatives we are committed to sending more young people on for higher education by supporting organizations that prepare teens for college and equip them with the tools, skills, and financial footing necessary to succeed there. Tied directly to this effort, we believe training principals to be more effective leaders is vital to strengthening our public schools.

We also support research and advocacy programs that are helping to close the college opportunity gap and raise awareness about the importance of a quality education for all young people.

Programs

High School

Time Warner College Prep Initiative Grants

Time Warner is dedicated to ensuring that capable and motivated young people from underserved communities are provided with the resources they need to prepare for and gain access to a college education. As part of our core mission to raise the levels of academic achievement among underrepresented students, we launched our College Prep Initiative in 2005 with an investment in three national organizations and seven exemplary college readiness programs in New York City. These programs include rigorous academic components and communicate high expectations to all students.

Other Education Initiatives

Time Warner Education Research and Advocacy Initiative Grants

Horace Mann, commonly recognized as the father of public schools in America, saw education as “the wellspring of freedom” and “the ladder of opportunity.” But these opportunities are often distributed unequally, and today we still see persistent disparities

in academic achievement among students from different backgrounds. To eliminate these gaps in achievement and increase college going among underrepresented students, we must gain an understanding of how and why these gaps occur, and what steps can be taken to help make quality education available to all. Time Warner supports the research and advocacy initiatives of leading institutions dedicated to advancing knowledge, understanding and action in this critical arena.

Time Warner National Scholarship Initiative

The Time Warner National Scholarship Initiative supports the work of several nationally recognized scholarship organizations, including the Hispanic Scholarship Fund (HSF); the Point Foundation, which focuses on Lesbian Gay Bisexual and Transgender (LGBT) youth; UNCF; and the American Indian College Fund.

Youth Media and Creative Arts Initiative

The goal of Time Warner's Youth Media and Creative Arts Initiative is to provide young people with professional level training in an artistic discipline while also contributing to their personal development at a critical stage in their lives.



WHO WE ARE

The Information Technology Industry Council (ITI) is the premiere voice, advocate, and thought leader for the information and communications technology (ICT) industry. ITI is widely recognized as the tech industry's most effective advocacy organization in Washington D.C., and in various foreign capitals around the world.

ITI's members are global leaders in innovation—from all areas of ICT including hardware, services and software—the products our members create are the face of global economic growth and the heart and soul of improving peoples' lives. ITI is dedicated to advocating for member companies through three main divisions: Environment and Sustainability, Global Policy, and Government Relations. In these divisions ITI engages in a broad range of issues including health IT, international tax reform, trade, accessibility and sustainability.

ITI helps its member companies achieve their policy objectives by building relationships with Members of Congress, Administration officials, state and foreign governments; organizing industry-wide consensus on policy issues; and enabling access to global markets by working to enact innovation-friendly government policies.

ITI is the only high-tech association named one of Washington's most effective lobbying groups in a National Journal survey of Members of Congress and is in addition the only high-tech association that compiles a comprehensive voting guide each Congress.

As ICT innovation continues to propel global economic growth, impacting not only the way businesses and governments are run, but also the everyday lives of people worldwide, ITI will be there to represent the world's leading technology companies.



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Leading Policy for the Innovation Economy

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Information Technology Industry Council
Leading Policy for the Innovation Economy

The online version of this report will be a dynamic document that is continually updated to reflect the latest developments in ICT companies' education initiatives. It will also include links that connect users to related resources.

To view the High Tech Education Report electronically, or for more information on ITI's education priorities and other policy initiatives, visit our website:

www.itic.org