

Craig R Barrett

Education

Hands-on Leadership for Results in Education

"The beauty of technology is it's what you know, not who you know. It's a great leveler."

Dr. Barrett, who perfected the process for manufacturing Intel's powerful microprocessors, is the corporation's fourth president and knows firsthand the impact of putting an excellent education within reach. An adviser to Stanford University, Dr. Barrett earned a Ph.D. in materials science there, then spent 10 years on the faculty before joining Intel in 1974.

Dr. Barrett is passionate in his commitment to opening the gates of opportunity for students by raising academic standards, improving school quality and opening access to higher education and technology for a wider range of students. He has testified before Congress about strengthening math, science and technology education; advised the President on education issues, and has been an outspoken advocate for higher standards in schools.

In addition to serving as co-chair (with Tom Engibous of Texas Instruments, Louis V. Gerstner, Jr. of IBM, and Ed Rust of State Farm) of NAB's Business Coalition for Excellence in Education, Dr. Barrett served on the National Commission on Mathematics and Science Teaching for the 21st Century (also known as the Glenn Commission). He is a board member of Achieve, Inc., the national organization that helps states bolster the quality of testing, accountability, and academic rigor in schools. Intel particularly supports Achieve's Mathematics Achievement Partnership (MAP), a unique collaboration among states that will create a new assessment and teaching and learning strategies to assist U.S. 8th-graders in mastering the challenging foundations of algebra and geometry to the level routinely taught in the highest performing countries.

Dr. Barrett also is a member of the National Commission on Service-Learning that is developing recommendations and an action plan to make quality community-service opportunities connected to student learning available to all K-12 students.

Realizing the power of education to motivate, inspire and sow the seeds of creativity and innovation, Dr. Barrett thrives on seeing firsthand the tangible results of Intel's contributions to revitalizing education. His leadership for excellence in education has included active participation at the Intel-sponsored International Science and Engineering Fair, and he personally kicked off the Computer Clubhouse

Network-one of Intel's strategies for closing the "digital divide"- in Boston in February 2000.

To learn more, visit www.intel.com/education.

Industry Involvement

Craig Barrett is past Chairman of the Board and current Board member of the Semiconductor Industry Association. This organization represents over 90 percent of the American semiconductor manufacturers and leads industry efforts in issues impacting public policy; research and development; environmental, health and safety; and education development. He has been a champion and spokesperson for the industry on all these issues. Over the years, Barrett has spearheaded the development of the SIA's Technology Roadmap for Semiconductors and the innovative University Focus Research Program. The University Focus Research Program funds and coordinates the semiconductor research efforts of dozens of key American research universities on critical challenges in materials, structures, circuits, systems, software, interconnect, design and test issues that the industry faces in the future.

Dr. Barrett serves as Chairman of the Computer Systems Policy Project (CSPP), a coalition of eight Chief Executive Officers from the leading information technology companies in the United States. The members of CSPP work to educate policymakers on issues facing the technology industry. They are currently advocating a U.S. competitiveness agenda that promotes economic growth and job creation at home and abroad. CSPP is also engaged in trade, telecommunications, digital rights management, privacy, and other public policy issue areas.

Education Support

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Under Dr. Barrett's leadership, Intel's education outreach has focused on improving math, science and technology education and on encouraging students to enter technical careers. In the last few years, Intel has created Computer Clubhouses in underserved communities around the world. The Clubhouses help young people explore their own creative potential in a safe, clean environment equipped with leading edge technology.

Dr. Barrett's belief that "computers aren't magic, teachers are" is the inspiration behind the Intel® Teach Program which has trained more than five million teachers in over 40 countries around the world to use technology in the classroom to stimulate young minds and improve learning. The importance placed on science and math education is evident in Intel's sponsorship of - and Dr. Barrett's enthusiastic participation in - two of the world's most prestigious high school competitions: the Intel International Science & Engineering Fair (which brings together 1,500 people from over 50 countries, regions and territories) and the Intel Science Talent Search, a US program.