

Keys2IT

Colorado Tech Foundation Cracking Despite signs of an industry turnaround, students pursue other subjects

By Jennifer Beauprez,
Denver Post Business Writer

Colorado may be in danger of losing its bragging rights as having one of the most educated tech workforces in the nation.

Enrollment in information technology programs at some Colorado community colleges and universities has dropped by as much as 50 percent over the past three years, as many students go after more general educations and stay away from technology.

tech graduates.

The decline comes as companies increasingly shift new tech jobs overseas in search of cheap labor and as frustrated, laid-off workers leave the sector in pursuit of jobs in the mortgage industry, employment staffing, retail, manufacturing, banking and the liquor business.

"There is no incentive for high school kids to sign up for technology classes because there's no jobs at the end of the effort," said Jim Hartzel, an outspoken critic of offshore software development and chairman of Alumni Consulting Group International, a Greenwood Village technology

"There is no incentive for high school kids to sign up for technology classes because there's no jobs at the end of the effort."

-Jim Hartzel, Alumni Consulting Group

Educational leaders fear the lack of tech education ultimately could lead to a technology brain drain nationwide and yet another worker shortage four or five years from now.

"That is really scary," said Midge Cozzens, president of the Colorado Institute of Technology, an organization Gov. Bill Owens started during the tech boom to work with universities and community colleges to boost high-

consulting firm.

"I think it's all related to new Colorado jobs going offshore," Hartzel said.

Education officials promise that technology is beginning to show signs of recovering, that more companies are hiring and that the future is bright. Technology is becoming an integral part of the operations of nearly every kind of business, from printing shops to *Colorado Tech continued on pg. 4*

We Are Gathered

By Stephanie Skinner

In November, in Dallas, the Open Door announced Grace Gentry's decision to step aside from her long held role as President. We all knew it was coming, but the actual passing of the torch seemed unreal until that moment. Consider how much Grace's personality, fervor and rollodex have shaped the profile of the Open Door. Consider also that she is the last of the original founders of the Open Door still active on the board today (although take a look at what the inspirational Mr. Waksman is up to on page 6 of this newsletter!). And consider the shifting playing field of the American knowledge worker overshadowed by a ballooning trade deficit.

It's odd, but this moment in the history of our industry is one that will go down as the time when America either reasserts our intention to create and nurture the best place on earth to live through OPPORTUNITY, or accepts a new role of diminishing expectations. I don't want to get too Gettysburg on you, but we, are gathered on the battlefield of a historic conflict. We are competing with countries who know that education and training - and a revved up workforce - will enable them to take advantage of the opportunities we have created. We have certainly lost a few battles in the past (steel and manufacturing to name two), but, having learned what can happen, we should know that we must address this now. We must educate and train and create the best, the most dedicated and creative, workforce possible.

Grace has carried this a long way already. We have inherited Grace's passion to do well by doing good. But (Oh, good heavens, there she goes again!) we NEED YOUR HELP! No, I really mean it. We need your broad shoulders and your donations, and we need them right now. Do it to help keep American opportunity a local commodity, and do it for yourself as an American business needing trained American talent in the future. And do it because the torch is being passed and it's time to take over from those who, along with Grace, have given their full measure. ■

Table of Contents

Colorado Tech, Foundation Cracking

Pg 1

Interactive Business Systems, Inc. - Named Scholarship Donor Profile

Pg 2

Scholar Profile

Pg 3 & 5

Innovators are Interesting

Pg 6

Interactive Business Systems, Inc.

By Nancy Williams & Beth Fells

Interactive Business Systems, Inc. (IBS) one of the Foundation's Named Scholarship Donors (NSD) is the single largest donor to the Open Door. IBS continues to support IT education through the Open Door and students attending Eastern Illinois University, Northern Illinois University and Howard University.

Dan Williams, President and CEO started IBS on November 20, 1981 with one employee—himself. By January 1982 the company had grown to three employees. During the height of the business and the economy, IBS had over



1,000 employees. That number has since declined during these current economical times. Since its inception, IBS has been providing quality service and IT expertise to its clients, ranging from professional services to customized business solutions. IBS currently has ten offices nationwide with European operations in the United Kingdom. Throughout their twenty-two year tenure in the IT marketplace, IBS has developed a unique approach to meeting their client's needs. IBS has a long-standing reputation for

providing innovative IT solutions. Working in tandem with organizations, together they determine the appropriate solution and project team for needs and business objectives.

Along with this business approach, IBS has had a long history of inventive IT solutions—whether to meet a particular business challenge for a unique professional services engagement, or a fully integrated and customized solution. Their focused solutions in the insurance and healthcare industries are examples of how they provide targeted solutions. At every level of business and from the largest to the smallest projects, IBS' approach to IT services is to help transform and transition your processes, your technology and your people—aligning them with business goals and turning challenges into opportunities.

Through the years Dan has learned that starting your own company may look easy, but it isn't. The financial implications are harder than initially expected. As a result, he has always had great respect for people who have started small companies and have been able to manage making payroll for many years. Dan thinks that one of the bigger challenges is keeping the company attuned to rapidly changing needs for our services. It's important to be able to discard old methods—even successful ones—as times change.

Since Dan's *Interactive continued on pg. 4*

Our Purpose:

The Open Door Education Foundation is a non-profit foundation dedicated to increasing the quantity and quality of trained Americans necessary to keep our country a world leader in the technical industries. Founded in 1998 by NACCB members, our vision is to open doors for America's future computer professionals in the spirit of those who have opened doors for us.



Our Goals:

The Open Door has many plans and programs to support America's future computer professionals!

- To provide funding support for education through scholarship programs.
- To excite young minds and inspire an interest in technical knowledge.
- To encourage Americans of all ages and backgrounds to challenge themselves and seek a technical career.

You can help!

Your donation to the Open Door Education Foundation will help open doors by supporting our programs and helping create a permanent endowment to support the ongoing operation of the foundation. To make a donation, call the Open Door at (703) 838-9580 or email us at opendoor@naccb.org

Visit us at www.Keys2IT.org



James L. McNutt Jr

Interactive Business Systems Scholarship Recipient

By Beth Fells

Interactive Business Systems (IBS), one of the Foundation's Named Scholarship Donors, selected James L. McNutt Jr. as a scholarship recipient in the spring of 2002 and again in the spring and fall of 2003. After reading the biography and resume submitted to the Open Door, we can certainly understand why.

As stated in his bio, "he is a non-traditional student". James is a 38-year-old single parent with physical custody of a beautiful ten-year-old young lady. He bears the sole responsibility of having to pay for both his daughter's and his own educational and living expenses. Granted, he does receive some state and federal government assistance, in addition to his student loans and working part-time at a student worker at Eastern Illinois University's Facilities Planning and Management office.

James McNutt Jr. has considerable experience in the business world, having worked as a manager at APAC Customer Services in Davenport, IA,



with the responsibility of quality assurance, training, recruiting, payroll, forecasting and scheduling. Some of his accomplishments with APAC include bringing payroll from worst to first, in terms of accuracy; reduced absenteeism from 30+ percent to less than five percent, and reduced annual attrition from 350 percent to 120 percent. James was also employed with Consolidated Market Response (CMR) in Charleston, Ill., again with the responsibility of forecasting and planning the handling of inbound and outbound traffic for three call centers. His accomplishments with CMR included the development of intraday schedules, based upon daily call volume projections, to determine staff requirements for each

is non-fiction and details the U.S. involvement in the Afghan war in the 80s.

7. What do you read for career/work reasons?

Nothing particularly, but I do like to keep up on current events and I am very interested and involved in politics.

8. Who is your personal role model?

I'm not sure I have one, but Mill Maher comes to mind.

9. Who is your mentor/work role model?

Dr. Eric Hake has been an inspiration to me and his influence has impacted my decisions to attend graduate school and ultimately teach.

10. Why computer science and when did this interest arise?

I have always been interested in technology since childhood, of course then it was radios and transistors. Working in the teleservices industry made me aware of the vast potential in the IT area and I was pretty good at it with little or no training so it seemed a good fit.

half-hour of the day, in addition to 95 percent accuracy on daily call projections. In addition, James was also the sole proprietor of KSP Painting Services.

As a child James was always interested in technology though, at the time, it was in radios and transistors. Working in the tele-services industry made him aware of the vast potential in the IT area, and James found that he was fairly skilled at it with little or no training. It's obvious that James possesses an analytical stream of thinking, a perfect match in the IT industry.

James will attain his Computer Management degree from Eastern Illinois University in December 2003. Additionally, he has also completed extensive training programs, such as The Zenger-Miller Frontline Leadership Program, Hamlin, Power and Reaves Professional Sales Training Program, Professional for Life Sales Seminar and Understanding Telecommunications Technologies for Non-engineers, which is offered by TeleStrategies™.

Originally, James wanted to attain his undergraduate degree and return to the business world to pursue management opportunities in the networking and/or systems administration area. He has since changed his mind and has now decided to pursue a Masters degree with the intention of teaching at the college level. James has always enjoyed leading training sessions in the business world and the switch to a career in teaching seemed like a perfect fit for him. He also enjoys public speaking and the interaction that is possible in the classroom setting, in addition to being able to impart a unique perspective from his prior business experiences.

James feels that this is the perfect career for a parent such as himself. He says that the ability to spend time with his daughter during the last couple of years while attending school has reinforced how precious childhood is. Furthermore, he feels the time spent with his daughter far outweighs any potential loss in income that he might have experienced by choosing the academic world over the business world.

When asked about the current economic climate, with regards to the Information Technology field, his response is simple. "Business is cyclical, what is down today will be up tomorrow so this downturn is temporary at best. Computers are the future so you better get started now!" ■

Q & A

1. What is your greatest inspiration?

My greatest inspiration is my family, their honesty, faith, kind spirits, tender hearts and willing backs mean a lot to me.

2. What is your favorite non-work activity?

I enjoy coaching and watching my daughter play soccer and softball.

3. What person would you most like to meet?

Former President Bill Clinton.

4. What person do you most admire?

My dad.

5. What CD/tape is currently in your player?

None, I listen to the radio, although I do have a jazz CD in my player at home.

6. What book is on your bedside table?

A microeconomics textbook. But, seriously, I just finished reading "Charlie Wilson's War" by George Crile. The book

Colorado Tech continued from pg. 1

doctor's offices, Cozzens said.

"We have to be sure that high school students believe there are jobs," Cozzens said. "The state's diversification to include technology was critical to growth in Colorado and continues to be critical to growth."

Yet students instead are clamoring for classes in English, philosophy and religious studies at Regis University and at the Community College of Denver.

"General education is off the charts," said Linda Lujan, dean of business and technology at CCD.

Overall enrollment at CCD is up 25 percent this year, Lujan said. But the number of students taking computer science courses has dropped 40 percent each of the past two years.

Today, just 120 of 12,000 students at CCD declared information technology as their majors.

Education officials statewide tell similar stories. At Colorado State University in Fort Collins, enrollment in computer information sciences has dropped 58 percent in the last three years.

And as few as six students show up for software and networking classes at Red Rocks Community College in Littleton. The school canceled 50 computer courses this semester and reduced its faculty staff size to nine teachers from 14.

careers," said Rose Munrow, a computer programming major at Red Rocks. "We talk about it often. A lot of students say, 'Where do I go? What should I do?' They're unsure."

Munrow, who hopes to transfer to Regis University next spring, said she'll stick with computer science despite the economy, but she will rely on school advisers to guide her studies so she can find work after graduation.

Increasingly, the new computer programming jobs created by local companies are in India, China, Vietnam and Singapore, where the work can be done cheaper and faster.

"Those information technology jobs aren't coming back," said Hertz of Alumni Consulting. "The only tech jobs coming up we see are help-desk and low-level tech jobs."

Indeed, help-desk jobs typically pay just \$24,000 to \$30,000 a year. That compares with five years ago, when an 18-year-old could get a Cisco networking certification and make \$40,000 a year.

The good news: New higher-skilled jobs may emerge as computer science blends with other disciplines. And universities and colleges increasingly are shifting their curricula to accommodate new fields.

The University of Denver, for instance, has a

Interactive continued from pg. 2

early childhood, he was always inclined toward things mechanical and technical. He tuned this interest on everything from railroad train sets and ham radios to a correspondence course on short-wave electronics. As he grew up, the technology changed and Dan changed with it.

Computers and computer science are just a natural extension of the same interest. Dan credits his father, Jack Williams, as an influence that laid out the groundwork in terms of work ethic. His father impressed upon him that work was a key ingredient in one's life and a key ingredient in someone's self-respect.

When Dan is not busy concentrating on the challenges of a business leader, one of his favorite non-work activities is playing "catch" with his daughters Julie and Nancy and eating smoked salmon. Dan also enjoys reading books or articles written by specific successful executives in information technology. He looks for success stories in technology related products or services business, examples of how other executives manage the constant changes that continually challenge this business environment.

One of the key factors that drives Dan is the desire to make something worthy out of his life, to make a meaningful contribution. It's important that he's not just along for the ride. Dan feels his philanthropic motivations stem from an ongoing desire to give back or to help the less fortunate get started in life. Dan says he selects organizations to donate to that have zero or very little administrative costs and are run by volunteers.

When asked about today's economy and how to encourage people to enter the information technology field, Dan says "just like accounting has consistently been the backbone of for-profit and non-profit enterprises, the technology network developed into a similar backbone for supporting organizations. I would caution anyone that to ignore it is to do so at your own peril. Therefore, understand as much of it as you can, realizing that information technology is so much a part of the fabric of every organization today, no matter what the business or purpose." ■

To learn more about Interactive Business Systems, Inc. visit their Website at www.ibs.com.

"We have to be sure that high school students believe there are jobs. The state's diversification to include technology was critical to growth in Colorado and continues to be critical to growth."

— Midge Cozzens, Colorado Institute of Technology

"That department once was the largest on campus," said Wayne Caruolo, associate vice president of technology at Red Rocks.

To boost student enrollment, Caruolo put up a billboard earlier this year off Interstate 70 advertising the school's Microsoft IT Academy. It depicted a fortune teller with a crystal ball with the words: "We can see the future, can you?"

Evidently, no one could. The number of students taking such courses has plummeted 50 percent at Red Rocks since the high-tech boom.

"We don't believe IT is going away anytime soon," Caruolo said. "But the students aren't showing up."

There are good reasons why. Two-thirds of the layoffs in Colorado over the past few years came from telecommunications and technology firms. And in August, 141,300 Coloradans were looking for jobs.

"A lot of my friends in the computer program are freaking out, and they're trying to switch their

new computer science division that offers concentrations on technical communications, Internet law, Internet communications and digital art.

And at the University of Colorado at Denver, graduate and doctorate students combine computer science with biology and even radiology.

CU's Denver campus has a record 170 master's students enrolled in computer science this semester. The vast majority of those students are working full-time and went back to school primarily because of the economy.

"They want to update their skills, and many are updating their skills in new areas," said Krzysztof Cios, professor and chair of the computer science and engineering department at CU-Denver.

One-third of CU-Denver's 16 Ph.D. students are concentrating on computational biology, he said.

"There are huge needs in biological sciences," Cios said. "That's *Colorado Tech continued on pg. 8*

Mark Mowers Jr.

Interactive Business Systems
Scholarship Recipient

By Beth Fells

Mark Mowers Jr. was awarded scholarships by Interactive Business Systems, Inc. through the Open Door Education Foundation. IBS, the single largest donor to the Open Door's Named Scholarship Donor Program, continues to support IT education through the Open Door and students like Mark.

Since Mark was a little boy, he always wanted to work with computers. He has been using computers since shortly after he learned to walk. During his sophomore year of high school, Mark decided that he wanted to attend Northern Illinois University (NIU) in DeKalb, Ill., and complete his bachelor's degree in Computer Science.

Several individuals in the Information Technology workforce recommended NIU to Mark, citing it as one of the best computer



schools in the nation. Another interest of Mark's is the use of computers to create music. He has declared his second major in Computers and Electronic music. Mark's plan is to complete this program in addition to his Computer Science degree. Mark will attain his undergraduate degrees in Computer Science and Computer and Electronic Music from NIU in May of 2004.

Mark is a very fortunate young man when it comes to his college expenses. After an extensive scholarship process, he received an Academic Finalist Scholarship from Northern Illinois University. He was also awarded the Centennial scholarship from NIU, which is contingent on his participation in extra-curriculum activities. He is also the recipient of the Robert Byrd scholarship. And lastly, he was awarded three scholarships through Interactive Business Systems for the Spring and Fall 2002 and again for Fall 2003. The scholarships awarded through IBS and Open Door helps relieve some of the burden of trying

to work to pay college expenses and study at the same time.

Mark has not yet decided how he wants to utilize his computer knowledge when he enters the working world. Mark worked as an intern during one summer building and repairing computers. While he found the work fascinating and learned a wealth of information about the inner workings of computers, he doesn't feel he would be satisfied working in sales or repairs for a career. He is currently considering two different career paths, both of which strongly involve computers. Mark's first option is computer programming. He will have extensive experience in programming from his coursework at NIU by the time he graduates next May. Mark is also trying to design a software program to perform tasks that currently have no programs available. He is doing all of this in addition to his required coursework.

Mark's second career option is to focus on computer audio recording. He feels his courses in electronic music and recording at NIU will give him the necessary experience for work in a number of different studio environments with a wide array of computerized equipment. His experience with digital mixers and work with professional recording equipment will prove invaluable.

Some of Mark's computer-related experiences include working as a stage crew, security crew and stage assistant manager for Northern Illinois University's University Programming and Activities, as well as building, repairing, and troubleshooting computer hardware and software for the Computer Store. He has also done Website design and has acted as a Webmaster and technical consultant for Land Treatment Alternatives. In addition, some of Mark's community activities include assisting with building homes for the financially challenged as part of the Habitat for Humanity Program. He has also acted and worked with the Children's Community Theater. As if all that weren't enough, he is a singer and guitarist for Common Ground, a Youth Worship Program.

When asked about the current economic climate in the Information Technology field, Mark said, "While technology may change and the way we do business may change, the thirst for information will always continue. As long as people want to know what is happening in the world, there will be jobs in Information Technology. Even if the job market is slow, there are always needs to be filled, both now and forevermore." ■

Quick Facts

Named Scholarship Donor:
Interactive Business Systems – Dan Williams and Jim Weber

Scholarship:
Spring 2002 - \$1,500
Fall 2002 - \$1,500
Fall 2003 - \$1,500

Q & A

- 1. What is your greatest inspiration?**
My greatest inspiration is the Free Software Foundation. I love the idea that programs should be written for the greater good and that anyone anywhere can help make a product better. I also love the price of "free" software.
- 2. What is your favorite non-work activity?**
My favorite non-work activity is probably

playing video games on my PC, Xbox, GameCube, N64, or even my old Atari 2600.

- 3. What person would you most like to meet?**
That person would be Steven Curtis Chapman. I am always amazed by the lyrics he writes, and he can really wail on the guitar, too. Maybe he can teach me a few tricks!
- 4. What person do you most admire?**
The person I most admire is Jesus Christ. His life is a model everyone should follow, whether they believe what he said or not. If everyone would try to live life like He did, the world would be a much better place.
- 5. What CD/tape is currently in your player?**
Right now I have a brand new disc from Duvall in my CD player. I've also been listening to the new Jars of Clay disc a lot recently too.
- 6. What book is on your bedside table?**
Well, I don't really have a bedside table. But the book on the headboard on my bed is the Bible.

Innovators are Interesting

Alan Waksman is the first person to donate a percentage of his company to the Open Door. The company, Informeta, an Artificial Intelligence software company addressing the problems of data integrity and quality by using predictive capabilities, is itself among the first of its kind. Alan was also one of first Open Door Board members, along with Dave Cassell of Houston and Grace Gentry of Northern California, and he helped grow the New York Chapter to be NACCB's largest, serving as Chapter President for 5 years and on the NACCB Board for 11 years. Funny thing about innovators, those folks who go first, they rarely just innovate once. More often they innovate many things, many times. It's a pattern — or an approach to life; and Alan's history as

new ideas and methods many times during his years in the corporate world, Alan took the next logical step for an innovator. He went out on his own and founded his own company, Applied Concepts, in 1979. An early contract and consulting company, Applied Concepts originally specialized in development of military products, switching systems for wireless communications, and UNIX — and database software used as a part of Unix — during its earliest stages. As a company owner, Alan joined the New York Chapter of the NACCB. Although already in existence for several years, the New York Chapter had never grown beyond a small group of loyal members. Recognizing Alan's talents as an innovator, NACCB's first Director, Peggy Smith, called and asked him to take an

Door Education Foundation (the Open Door), Alan once again agreed to help innovate, stepping forward, along with Dave Cassell from the Houston Chapter, to join Grace Gentry as the first Board members of the new organization. The mission was to increase the number of qualified Americans entering the IT Industry, and the Board's first challenge was to raise money to pursue this goal. After the frenzy of preparation necessary to introduce the Open Door to NACCB's national membership at the annual Conference, Alan, Dave and Grace were overwhelmed when the members responded with enthusiasm and over \$500,000 in donations and pledges. The next task was to implement the Open Door's first program: awarding scholarships to qualified and deserving students pursuing computer science related degrees throughout the nation.

Alan served on the Open Door Board through mid-1999, at which time he left to con-

Alan Waksman is the first person to donate a percentage of his company to the Open Door. The company, Informeta, an Artificial Intelligence software company addressing the problems of data integrity and quality by using predictive capabilities, is itself among the first of its kind.

an innovator is a good example of this.

Starting out like so many of his generation, Alan graduated with a degree in business accounting in 1962 and worked in that field for several years before being hired by Cosmopolitan Mutual Insurance Company to help bridge the communications gap between their accounting and information technology (IT) departments. Alan explains that his work there started off with a bang — or at least with a crash. On his first day with IT, Alan was told to run several huge stacks of tab cards through the sorter. He lifted the first stack with great care, only to be surprised, and embarrassed, when the cards exploded from the middle of the teetering stack to cover the floor, many ending up beneath a massive, virtually unmovable machine standing against the wall. Later he learned this was the standard way to haze new employees, providing much amusement to the rest of the staff. While at Cosmo, he learned to program, the first step in his 14-year ascent to Director of IT while working for a series of impressive companies, including Schering Plough, Babcock and Wilcox, and Union Camp Corporation.

After demonstrating his ability to innovate

active role in growing the chapter's membership. "Well, of course, I turned her down," says Alan, when recounting the story. Several more pleas for help from a determined Peggy were refused, also. Then, one day, Alan said, "Why not?" and implemented a new approach to attracting members.

Believing New Yorkers would be more likely to join if the meetings included good food and good booze, he saw that both were provided. Attendee's limited to company owners, who all had equivalent interests and risks. He also insisted that high standards be applied when admitting members, so that joining was seen as a privilege, rather than something bought by paying dues, and so that members could comfortably discuss their business problems with trusted peers. This formula worked so well that New York went on to become NACCB's largest and most active chapter. Alan served as Chapter President for five years and as Chapter Representative on NACCB's Board for eleven years, serving on many committees during that time.

In addition, when the NACCB Board voted in 1998 to finance the founding of the Open

centrate on preparing Applied Concepts for sale. When Applied Concepts was acquired by SBS later that year, Alan announced his retirement to one and all. Not surprisingly, his retirement was shorter than most. Within two months he agreed to serve on SBS's Board and, not long after that, he founded a new company, Informeta, a small software company using Artificial Intelligence to develop its products. Their first product, Mentys, took 12 man-years to develop. Mentys identifies and corrects erroneous data, fills in missing data, and identifies the causes, sources and effects of erroneous data. It can also predict forward and backward and can read and "learn" from both structured and unstructured numerical and text data, correlating what is learned from all of these different sources to reach single conclusions without human intervention.

As Alan explains it, after 9/11, Mentys was used to reconstruct four weeks' worth (two weeks prior and two weeks post) of uniquely formulated foreign currency data totally lost during the disaster. Mentys did the reconstruction using existing historical data and three years' worth of NY Times articles extracted from the Web — all without human *Innovators continued on pg. 8*



The Open Door would like to thank you for your generous donations during the NACCB 2003 Annual Conference.

Capstone, Inc.
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TEAM Information Services

We would also like to thank the following companies that made donations to the Foundation prior to the conference.

iSpace
Matrix Information Consulting, Inc.

Colorado Tech continued from pg. 4

coming, and students know it, and they are moving in this area.”

True, experts predict doctors one day will use a computer to see a patient’s genetic makeup, predict what diseases he or she is likely to get later in

keep general computer departments afloat and keep them sharp for the next wave of demand.

Community colleges faced the same problem during the 1990s, when students fled the engineering field after the oil and gas bust, said Lujan

Innovators continued from pg. 6

intervention. The client called the results “amazing.” Even more amazingly, Mentys can be used on any number of subject matters in any type of industry because it learns solely from the information given to it.

Alan is very optimistic about his company’s future. Certainly those involved with the Open Door hope it is very successful — and that his generous act inspires other NACCB members and Open Door donors to do the same with their company stock. When asked why he decided to be the first to make this type of donation, Alan said, “I consider that I have been very lucky, and this is my way of ‘giving back.’ Giving to the Open Door will make it easier for today’s young people to succeed, as I have, and will help make America stronger.”

Thank you, Alan, for all you have done for NACCB and the Open Door. ■

The University of Denver, for instance, has a new computer science division that offers concentrations on technical communications, Internet law, Internet communications and digital art.

life and administer personalized drugs to prevent them. Few people have the combined technical skills in computers, math and biology to create that reality, however.

Community colleges, too, are working to integrate other fields, such as accounting and anthropology, with computer science.

The biggest challenge, however, may be to

of Community College of Denver.

“The worst thing we could do is close our lab, let our computers gather dust and put our faculty to work doing other things,” Lujan said. “We’re trying to get potential students to realize that there are jobs and that there will be jobs.”

— Jennifer Beauprez

Denver Post, October 19, 2003

Yes! I want to support the Open Door Education Foundation’s mission to Excite, Encourage, and Educate individuals to take advantage of the incredible opportunities offered through a career in Information Technology.

Name _____

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