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The ‘new’ campus
Take a tour of RIT today
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A message from President Simone

It simply amazes me as I walk around campus to see how much RIT has grown. Whether it is the expansion of our campus facilities, the size of our enrollment, or the impact of RIT’s academic and research programs in meeting the needs of our business and government partners, RIT is unquestionably in a growth mode.

Indeed, in July we received a gift of $6 million from the Gleason Foundation (page 2). This generous funding will be used to enhance curriculum and expand facilities at the Kate Gleason College of Engineering, ranked among the nation’s top 10 engineering colleges.

During the past five years, we have invested $2.20 million in capital projects, including new and improved academic buildings, student residential areas, recreational space and more. An additional $3.3 million has been invested in equipment to ensure that our students have the learning tools that are consistent with the demands of their academic programs. You can see how much the campus has changed starting on page 20.

RIT is now the 11th largest private university in the United States with approximately 15,000 students. We have more than 90,000 alumni worldwide. Today, 50 percent of the freshman class hail from outside the state. We have 1,400 students from more than 90 countries. We have raised the bar academically: Last fall, the incoming class had a mean SAT score of 1,210.

Our cooperative education program has a widespread impact on students and employers throughout the nation. Fifty-two percent of our 1,600 co-op placements are with Rochester area businesses, another 20 percent are with companies throughout New York, and nearly 30 percent are in other parts of the country. A recent economic impact study calculated that the value of these co-ops to participating companies is at least $2.5 million a year. Co-op experience pays dividends: 95 percent of RIT graduates are employed in their field within six months of graduation.

RIT, with 2,800 employees, is now the ninth largest employer in Rochester. Factor in that we have 30,000 alumni living in Rochester and it doesn’t take long to see how important the university and the community are to one another. We are also proud of the impact that our faculty, students and alumni are making around the nation and the globe.

The RIT impact is a source of pride for me, as I hope it is for you. Please accept my invitation to celebrate with us Oct. 9-12 at our sixth annual Brick City Festival and Alumni Weekend 2003. It will be a great opportunity to see how RIT is growing in many dimensions.

Cordially yours,

Albert J. Simone
President
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Inside back cover
From the Archives
Summer in Brick City

Cover

Views of RIT. Clockwise from the Tiger: New benches, paving stones and foliage in the Academic Quad around the Jose de Rivera’s Mobius strip sculpture; one of the Greek residences built in 2001; flowers and banners along Lomb Memorial Drive; and the dramatic atrium in the new building housing the B. Thomas Golisano College of Computing and Information Sciences. Photos by A. Sue Weisler ’93. Design by Colleen McGuinness-Clarke ’87.

Right: A printing project rolls off RIT’s new Heidelberg press.
On Campus

Gleason Foundation gives $6 million to engineering college

The Gleason Foundation is giving $6 million for facilities expansion in the Kate Gleason College of Engineering. The gift supports RIT’s “re-engineering of engineering education” initiative emphasizing an undergraduate, multidisciplinary team-based approach to product development, modeled after industry.

New facilities will be built for the multidisciplinary team-based product-development initiative and for computer engineering studies. Facilities for RIT’s cross-disciplinary microsystems engineering doctoral program, launched in 2002 as the first of its kind in the nation, will be expanded and enhanced.

The gift also supports anticipated growth in RIT’s undergraduate and graduate engineering enrollment, which has increased more than 30 percent in the past five years.

“We have watched with excitement as the Kate Gleason College of Engineering has risen to among the top 10 engineering colleges in the United States, a truly impressive achievement,” says James S. Gleason, chairman of Gleason Corp. and The Gleason Foundation and an RIT trustee. “Under the leadership of former dean Paul Petersen and the innovative direction of current dean Harvey Palmer, the college has earned and deserves the applause and support of the Gleason Foundation.”

To date, the Gleason Foundation, Gleason Corp. and the Gleason family have given RIT more than $12 million, more than any other group. A 1998 gift of $12 million, the largest gift ever received by RIT at the time, supported renovation and expansion of engineering college facilities. The foundation also supported creation of the Gleason Microcomputer Lab and funds the Kate Gleason Scholarship and three endowed Gleason professorships.

Paley’s Sentinel rises at heart of campus

An eye-catching sculpture that promises to “steel” viewers’ breath away will be dedicated Oct. 2. Created by Albert Paley, who holds the Charlotte Fredericks Morton Chair in the School for American Crafts, the Sentinel will be a 30-foot-wide, seven-story-high, 110-ton armored guard made of stainless steel, bronze and Cor-Ten steel.

“This sculpture will act as a dynamic focal point and will reflect the identity of the RIT campus in years to come,” says Paley, who has completed more than 40 large-scale commissions including the Portal Gates for the Renwick Gallery at the Smithsonian and the 65-foot-high Genesee Passage at Bausch & Lomb’s Rochester headquarters. The RIT sculpture, which will stand in a new plaza at the entrance to the Eastman Building and the Student Alumni Union, will be Paley’s largest work.

“Students undergo a transformation at college and their views of the world become altered as their perceptions change,” says Paley. “Art has the ability to introduce a human dimension to the environment and I’m hoping that if someone walks by The Sentinel, it offers them an emotionally rich experience simply by the fact of just being there.”

RIT President Albert Simone believes the sculpture will become a symbol for the university. “Albert Paley’s magnificent work speaks to and celebrates arts and technology at RIT. We believe a good first impression of our campus will create a lasting one.”

To see The Sentinel construction online, go to www.rit.edu/paley.

James S. Gleason, chairman of The Gleason Foundation

expansion of engineering college facilities. The foundation also supported creation of the Gleason Microcomputer Lab and funds the Kate Gleason Scholarship and three endowed Gleason professorships.

Albert Paley and a model of The Sentinel, which is being erected on the RIT campus this summer.
RIT launches biomedical engineering option

Question: What do you get when you cross engineering with biology and medicine?

Answer: State-of-the-art technology and one of the hottest fields of the early 21st Century – biomedical engineering.

A new biomedical engineering option in the Kate Gleason College of Engineering gives students expertise in the design of components for potentially life-saving medical procedures.

Applications include critical-care monitoring, diagnostics, implantation and remote surgery.

“Implantable medical devices – small in size, low in power and with the ability to sense, process and control electrical signals – will evolve and replace defective biological parts in the human body,” predicts Robert Bowman, professor and department head of electrical engineering.

“Modern, integrated, microelectronic technology is ideal for engineering solutions to an array of human medical conditions.”

Biomedical engineering studies are usually offered at the graduate level. Bowman adds, making RIT’s option for undergraduates unusual. Students will take courses in biomedical instrumentation, biomedical sensors and transducers, fundamentals of electrophysiology, biomedical signal processing, and birobots/cybernetics.

RIT’s mechanical engineering department also is developing a biomedical engineering option that will include multidisciplinary courses in mechanical engineering, industrial systems engineering, and courses delivered through the College of Science’s industrial and systems engineering, and students study ergonomic design and predict physical and cognitive human capabilities.

RIT hopes to host 2004 presidential debate

From Kenneth Neuman to Gore vs. Bush, presidential debate has always been a source of American politics.

RIT hopes to be a part of history, hosting a presidential debate in 2004.

The Commission on Presidential Debates is considering RIT among 11 other potential debate sites. In 2000, three debates were held on university campuses.

“Hosting this event would be a tremendous opportunity to enhance RIT’s national and international visibility,” says Deborah Stendardi, associate vice president for government and community relations. “This would be a huge source of pride for our alumni and members of the RIT community. More than 2,000 journalists would cover the event.”

The commission has specific criteria that a venue must meet to be the host site, including the size of the hall, media area, security and transportation. The Gordon Field House and Activities Center, set to open in the spring of 2004, will be well suited to meet the technological capabilities required by the commission for a debate site. Final sites will be announced in November.

The idea for hosting the debate surfaced in planning RIT’s 175th anniversary, which kicks off with Commencement 2004, and was encouraged by President Albert Simone and Board Chairman Bruce James ’64.
On Campus

RIT ranks high in cool

RIT is a very cool place, according to College Bound magazine. RIT made the magazine’s list of “101 Cool Campus Activities” seven times — more than any other school.

Here’s how RIT activities rate in the cool standings:
21. Wallace Library’s Soup Box, where students can speak out on issues.
23. WWER New York Club, where wrestling enthusiasts meet to watch their favorite sport.
51. Anime Club, which organizes weekly showings of Japanese animation and related events.
61. The ISP Intranet Experience, featuring a SportsCenter desk where students act as commentators.
81. Electronic Gaming Society, where members can borrow popular game systems including Nintendo Game Cube, Sony Playstation 2, and Microsoft X-Box.
83. The Swing Dance Club.
93. The Swing Dance Club, providing weekly lessons and organizing dances.
94. Mini-Baja and Formula race car teams.

To see the full story from the magazine’s spring 2003 issue, go to www.rit.edu/news/docs/collegebound.pdf

The Royal Palace in Stockholm will be the subject of the next “Big Shot,” scheduled for Oct. 9.

RIT’s ‘Big Shot’ goes international

The 20th “Big Shot” photo event is the first to reach outside of the United States. On Oct. 9, faculty from the School of Photographic Arts and Sciences and National Technical Institute for the Deaf will lead volunteers in creating a nighttime photograph of the Royal Palace in Stockholm, Sweden. It’s among the events planned for the first Lennart Nilsson Conference on Scientific Photography.

Big Shot involves hundreds of assistants armed with camera flashes and flashlights that illuminate the subject area during an extended exposure.

Faculty members Michael Peres, Bill DuBois and Dawn Tower DuBois are Big Shot coordinators. Stafnna Larsson, director of media at Stockholm’s Huddinge University, proposed bringing the project to Sweden and is serving as the liaison between Big Shot coordinators and the various contacts in Stockholm.

Updates on Big Shot are available on the Web at www.rit.edu/bigshot.

Forest Service gets help from RIT researchers

The U.S. Forest Service soon will have a new tool to identify and locate wildfires as small as 8 inches in diameter from 10,000 feet altitude. Scientists at RIT’s Chester F. Carlson Center for Imaging Science are creating a prototype of this remote sensing system with $1.4 million from NASA.

The project, known as the Wildfire Airborne Sensor Program (WASP), is an extension of the Forest Fires Imaging Experimental research initiative begun two years ago. It was made possible through the efforts of Congressman Jim Walsh, chair of the House VA/HUD Independent Agencies Appropriations Subcommittee, who has provided nearly $8 million over four years to support this research.

WASP will combine infrared and visible light cameras with a geographic positioning system, along with software to operate the cameras and collect and interpret the data.

“We’ll be able to correlate every pixel and every image to a place on the ground, longitude and latitude, so we can go from an image to a map,” says project co-director Donald McKeeown, who is also director of RIT’s Laboratory for Imaging Algorithms and Systems, where WASP research takes place.

WASP was the subject of a May 8 report in The New York Times. To read that story, go to www.rit.edu/news and click on “RIT in the News.”
RIT honors Fred W. Smith as winner of Four Presidents’ Award for public service

RIT’s Vice President Emeritus Alfred L. Davis heard inspirational words from CIA Director George Tenet during the 2002 graduation ceremonies. Tenet told the graduates: “Serve someone other than yourself, something bigger than yourself.” Davis, who has a 65-year association with RIT, decided he, too, would take on the challenge. So he created the Four Presidents’ Distinguished Public Service Award, which will be presented annually to a member of the RIT faculty or staff whose public service and commitment mirrors that of the four presidents who worked with Davis. They are: the late Mark Ellingson (who served RIT from 1936-1969), Paul Miller (1969-1979), Richard Rose (1979-1992) and Albert Simone (1992-present).

Fred W. Smith, secretary of the institute and assistant to the president, is the award’s first recipient. Smith joined RIT in 1971. He served as chairman of the board of Rochester’s Margaret Woodbury Strong Museum during the museum’s first expansion in the late 1980s. He also has contributed his time and talents to other organizations including Family Service of Rochester, Rochester Museum of Natural History, Project HOPE and the Urbanarium, Project HOPE and the Formighty Club of Rochester. He also has served as a trustee and elder of Third Presbyterian Church.

“The education has tailored for the workforce,” Schneider says. The RIT center, one of 20 nationwide, will offer a complete schedule of courses beginning this October, says Kittren VanStrander, director of managed academic programs in RIT’s College of Applied Science and Technology and center director. For more information on the OSHA Training Institute Education Center at RIT, visit www.rit.edu/~map.

OSHA selects RIT as site for new training center

RIT is the site of a new Occupational Safety and Health Administration Training Institute Education Center.

The RIT center, which began operation this summer, draws engineers, managers, safety directors and others associated with construction and manufacturing in western New York for training in chemical handling, construction safety, emergency response and evacuation planning, ergonomics and respiratory protection, says Jennifer Schneider, assistant professor of environmental management and safety and an instructor of courses to be offered through the OSHA Training Institute Education Center at RIT. “The education is tailored for the workforce,” Schneider says. The RIT center, one of 20 nationwide, will offer a complete schedule of courses beginning this October, says Kittren VanStrander, director of managed academic programs in RIT’s College of Applied Science and Technology and center director. For more information on the OSHA Training Institute Education Center at RIT, visit www.rit.edu/~map.

In memoriam

H. Brent Archer ’52, retired member of the faculty of the College of Graphic Arts and Photography, died April 2 in St. Paul, Minn. Before retiring in 1981 after 22 years at RIT, Mr. Archer also served as a senior research associate for the university’s Graphic Arts Research Center. Widely recognized for his research in imaging technology, he was the author of more than 30 publications and held three patents. . . . Kathy Vangeli, who worked in Athletics for 21 years as head women’s swim coach, died May 19 after a long battle with cancer. She was associate professor of wellness and pool manager at the time of her death. Vangeli was inducted into the RIT Sports Hall of Fame last year.

On Campus

FALL 2003
In memoriam
H. Brent Archer ’52, retired member of the faculty of the College of Graphic Arts and Photography, died April 2 in St. Paul, Minn. Before retiring in 1981 after 22 years at RIT, Mr. Archer also served as a senior research associate for the university’s Graphic Arts Research Center. Widely recognized for his research in imaging technology, he was the author of more than 30 publications and held three patents. . . . Kathy Vangeli, who worked in Athletics for 21 years as head women’s swim coach, died May 19 after a long battle with cancer. She was associate professor of wellness and pool manager at the time of her death. Vangeli was inducted into the RIT Sports Hall of Fame last year.
China: up close and personal

Mark J. Sullivan '91 (photography) wrote this essay about his life in China.

Although I had been thinking of taking a trip to Asia for some time, the idea of China hadn't entered my mind until I met Xu Binong online. I was impressed by her command of English and what she told me of China as well as the photos she sent. So in September 2002 I went there for a three-week visit. That visit has turned into a long-term relationship with the country. Xu Binong (pronounced "she belong") – or Bea, for short – and I were married last Dec. 12.

China is a country with its feet firmly in two worlds. The most important thing to remember is that there are 1.3 billion people – roughly five times the population of the U.S. – living mostly on the east coast of the country. The most modern electronics are made and sold here, while close to 80 percent of the population still farms.

Shenzhen, where we live, is a very modern city of roughly 6 million people. It is beautifully landscaped, with flowers and blooming trees, palms and bamboo everywhere. There are beautiful buildings with enclosed open spaces and most modern conveniences. On the other hand, the running water in your home is not drinkable and there is no central heating.

Just across the street from where we live is the farmers market where they sell fresh fruits and veggies – including some I have never seen – along with live chickens, ducks, fish and seafood. Just down the street is KFC, although McDonald’s seems to be closest to right on with the taste of back home. In the same building is Carrefour’s, a huge, modern food store from France. Here I can buy the latest DVD player, CDs, digital cameras, plasma-screen TVs, clothing and cosmetics as well as food. In the foreign section of the city, I can get American products, not a large variety but enough to cover the cravings for western food.

We have inexpensive high-speed Internet and cable TV, mostly Chinese. We do get the Hong Kong channels and I can watch the ABC or CBS news each morning. It is still limited but, as Bea says, she can gauge her increasing English skills by how well she can understand that fast-talking David Letterman.

The SARS outbreak has had an impact, but we expect things to return to normal soon.

Shenzhen lost business as people didn’t go out much and we did see people wearing masks. Beijing and Shanghai seem to have been hard hit and took strong measures, but the idea that the country was in any big uproar isn’t correct at all!

At this point, the cultural shock of being in China has pretty much worn off. The usual cues to life such as sounds, snippets of conversation, the language issue, and visual cues like signage and newspapers are all missing, so you are thrown back on observation with a lot of blanks to fill in. After a time it starts to make sense and the otherness of it feels comfortable.

As a photographer, this has helped me to zero in on the commonplace – the expressions of the people, the comings and goings, the baseline of all societies.

The period of newness is a great motivator and there’s a strong urge to shoot everything, but this first flush needs a second and third go-round to really zero in on the best photo or strongest images. At this point, I’m accustomed to the landscape and people and I think the images are a little better thought-out or a little more observant.

We intend to move back to the New York City area when Bea receives a visa, hopefully this fall. We also may move back to Asia from time to time in the future as we explore work opportunities. Whatever happens, I am now connected to China and look forward to seeing the changes and growth in store for the country.

Mark J. Sullivan '91 (photography)

Visit www.marksullivphotography.com for more images of China.

If you would like to submit an essay or letter, write to The University Magazine, University News Services, Rochester Institute of Technology, 132 Lamb Memorial Drive – Bldg. 86, Rochester, NY 14623. E-mail can be sent to umagwww@rit.edu. Please include your telephone number.
Hi-Ball memories

I was reading the Spring 2003 issue of RIT: The University Magazine and decided it was a keeper. When I got to the last page “From the Archives – Operation Hi-Ball,” my thought was “yes!” I immediately started digging and found the “official” history of the project.

Thanks to G. Wayne Hass ’64, Hi-ball secretary-treasurer, we have a written record of the beginning and the launching. It was officially organized on Feb. 9, 1962, and flew on May 18, 1962.

The records don’t mention it, but the capsule/balloon Z-2, was named, a bit tongue-in-cheek, after Professor Richard Zaki.

As I recall we launched a little late and we got into trouble almost immediately. The “launch pad” was on South Washington Street and Broad Street. The wind blew the balloon southward and the tether line got caught on the iron burglar on the ridge of the church on Spring Street and South Plymouth Avenue. FAA rules required a means of “emptying” the balloon if it got away. To this end, Dick Norman designed some charges attached to a barometer so they would detonate at some prescribed altitude and let the helium escape. The charges did go off when the fire department attempted to unhook the line from the top of the church, but it didn’t empty back to the drawing boards.

That was not the only bug in the system. After the fire department retrieved the capsule we unloaded the camera in a darkroom and discovered the film had not advanced. No pictures! After that I never had problems with film advancing in any camera I used.

As I recall it was a real media event. All the local TV stations had their crews on site, and of course the Rochester Fire Department rescued of the Z-2 from the church made the 6 p.m. news. There is a 16mm silent motion picture of Hi-Ball that was screened at The Little theater for our 25th Reunion in 1989.

The following is a list of the names that appear on the documentation of Hi-Ball (full names were not listed for everyone): Fred Able, Donald Adams, John Baier, Jack Blair, Brodsky, George Cochran, William Darrow, Peter Engeldrum, Raymond Eynard, Dean Fife, Howard Finkstein, Michael Geisinger, G. Wayne Hass, Hewes, Jerry Hughes, Terry James, Al Jorgensen, William Kinney, Edward Kob, James Langone, Harry Parsonage, George Pittman, Hugh Pitts, John Polger, Bryan Summartino, Charles Scovron, Kenneth Shiffbauer, Ronald Sokolowsky, Norman Stern, William Townes, Arthur Walsh, Don Wells, Scott Wilson, William Wing, and Russell Zimmerman.

As I reflect on Operation Hi-Ball, it occurs to me that it would be extremely difficult to pull it off today. It’s just hard to imagine that it was 41 years ago!

Peter G. Engeldrum ’64, ’76
Winston, Mass.

Mystery solved

My wife, Cleo Wombacker Gibbsson ’54, and I read with great interest the RIT magazine, and we have finally come up with the answer to a question about who are in the picture of the four women fencers (spring 2002). The enclosed clipping from the Rochester Democrat and Chronicle, dated Feb. 15, 1951, shows that the two women in the center are Ellie Rufol and Diana Klepping of the RIT team; the other two women are members of the St. Lawrence University team.

I am also glad that you honored Hettie L. Shumway for her effort to get NTID to RIT. During most of my time in Rochester (1950 to 1951), I lived at their house. She was a fantastic person.

Leif Gibbsson ’53
Carlsbad, CA.

Credit is due

I read with interest your article “NTID experiment proved truly grand” (spring 2003), which gave credit to Hettie Shumway for pioneering this effort.

Indeed, she was a prime mover. However, credit also should be extended to Harold M. Krentner, who developed the proposal that was to make NTID a reality. Harold spent many hours – both in his RIT office and at home in his kitchen table – in preparing this winning document.

At the time – 1964 – Harold was director of RIT’s Extended Services Division, the institutional arm that offered specialized programs to meet learning needs primarily in the business and professional community. With Harold’s foresight, and with the expertise of people like James Papiro, other innovative community service programs also were produced.

Robert Maurice ’55
Assistant director and associate professor, Extended Services Division, College of Continuing Education, 1964 – 1977, Harvey, La.

Do you have ideas or comments, or information to share? Send e-mail to umagwww@rit.edu or write to The University Magazine, University News Services, Rochester Institute of Technology, 132 Lomb Memorial Drive, Rochester, NY 14623.
Digital defense
RIT alumni find demand for specialized skills in the emerging field called 'information security'
The sight of jet airliners crashing into American buildings awakened the nation to the realities of a dangerous world.

Yet two years after the terrorist nightmare of Sept. 11, 2001, inadequately protected computer systems leave the nation vulnerable to a different kind of catastrophe.

“For the first time in history, a handful of people in a backroom somewhere in a third-world country can launch a crippling attack,” says Bart G. Guerrieri ’67 (mechanical engineering), chairman and president of DSD Laboratories Inc., an information technology company based in Sudbury, Mass. “Power grids, navigation, water systems, manufacturing processes, communications, financial institutions – any computer system that is networked can be disabled.”

While the threat of cyber Armageddon remains all too real, the information infrastructure is compromised daily by a growing list of annoying and expensive security breaches ranging from worms and viruses to hacker attacks and identity theft. A few examples: More than 82,000 hacking incidents were reported last year, up 56 percent from 2003, according to a federally funded research center at Carnegie Mellon University. The estimated cost of the so-called “I Love You” virus totaled $2.6 billion. And the rising flood of e-mail spam costs businesses millions in lost productivity.

Protecting computer data has become an industry dubbed “information security.” Many RIT graduates – from a variety of programs – are making careers in this field, both in the corporate world and in government agencies including law enforcement and the military.

Edward R. LaChanse Jr. ’89 (applied mathematics) is a major in the U.S. Army assigned to the 1st Information Operations Command (Land), Army Computer Emergency Response Team. As leader of the Regional Computer Emergency Response Team – South West Asia prior to and during the war in Iraq, “Our mission was to defend the U.S. Army infrastructure from cyber threats – nation state hackers, cyber terrorists, anti-U.S. hackers, parasitic hackers and malicious code,” LaChanse says. “We took aggressive measures to ensure the survivability of the networks and the availability of the mission-critical data. The impact of our efforts allowed the combat commanders to communicate and execute the presidential directives on imposing our will on the Iraqi regime.”

The danger to national security motivated Guerrieri to start a company: “I got into this field because I feel quite passionately about the national security issues involved,” says Guerrieri. But information security also holds tremendous business potential, he points out. Technology industry analyst IDC earlier this year predicted that the cyber-security market would reach $45 billion by 2006. In 1999, Guerrieri founded BackboneSecurity to provide cyber security resources for government, business and private organizations. Backbone offers network assessment, employee training and development of proprietary security devices. The company is one of seven approved by the National Security Agency to use their Information Security Assessment Training and Rating Program to perform information security assessments.

As Guerrieri anticipated, the company has plenty of work. “We have an enormous backlog of business,” he says.

Human factors

Because the banking industry is highly regulated, Jessica Love’01 (MBA) feels it has been at the forefront of developing secure systems. As information security manager for ISL Federal Credit Union in Rochester, Love is responsible for setting up systems and procedures, including a security awareness training program for all employees in 23 company locations.

“I find that a lot of computer systems are developed for functionality, not security,” she says. Customers demand conveniences like online banking and 24-hour ATMs. Employees need to process more information faster. Technology and human factors sometimes fall short of expectations. “It’s so important to give people the access they need but not give them access they don’t need,” says Love. Indeed, human factors are as important as technology – or more so.

D.J. Vogel ’01 (management information systems) and Damon Cortesi ’02 (bio-medical computing) work in Chicago with the 501-person information risk management group at Crowe Chizek and Company LLC, one of the top 10 public accounting and consulting firms. Vogel heads “penetration testing” – sometimes described as “ethical hacking.” He and
Cortesi spend much of their time trying to defeat their clients’ security systems – and they’re successful at least 98 percent of the time.

They work online and in person, getting in via the Internet or by talking their way past gatekeepers. They go through trash, find out who’s on vacation, pick up useful information from voicemail messages, and use their computer skills to break through the defenses of small as well as major financial institutions.

“The bigger it is, the easier it is to get in,” says Vogel. “Bigger systems have more room for holes.”

“I’ve gotten passwords from security guards,” Cortesi says. “You kind of feel bad because you play on people’s trust and innocence, but that’s our job.”

“We clean up after ourselves and train everybody in proper procedures,” adds Vogel. “When we go back to the same clients, people are smarter. Our job gets harder.”

**Business considerations**

Outside of the financial industry, business has been slow to embrace information security, some professionals believe. “It’s an expense with no perceived return on investment,” explains Jim Moore, RIT Information Security Officer. “Information security is not even considered like insurance, as there’s no statistical way to determine how much is ‘enough.’ It can be difficult to persuade business that protection of vital and sensitive information is akin to protecting people.”

Linda Stutsman ’94 (management information systems) agrees it can be a hard sell. Business leaders need to see information security as a business enabler rather than a technology expense, says Stutsman, chief information security officer for Xerox. “My team is very focused on the business, and Xerox has been very supportive of the effort.”

Stutsman has worked in the field for 15 years, on both the implementation and management sides, at Xerox and Kodak. In her current job, she heads the 18-member team responsible for global information security support for the company.

“The field has really evolved,” she says. “Originally, people in this profession typically came from physical security or military backgrounds. After that, there was more focus on the technology. Now, there is more of a business management emphasis.”

This is serious business, but information security professionals tend to possess an element of the elite gamer. Years before she attended RIT, Stutsman was working for a company that faced a computer attack. She worked with the experts who tracked down the problem, and found the process fascinating.

“This was cool, like a real-life game of Clue,” says Stutsman. “I wanted to get into this.”

In hiring, she looks for people with project management, security, technology and business experience – and doesn’t expect to find all of the elements in any one individual.

“There’s no way one person can know everything about this,” she says. But one characteristic is essential: a certain tenacious enthusiasm for this kind of work.

“If you’re not passionate about this, you’ll burn out,” she says.

A former colleague of Stutsman’s embodies that. Bruce Nelson ’71, ’76 (B.S. and M.S., electrical engineering) spends his days protecting the e-mail system at Kodak. He joined the company soon after graduation and – because he learned as much as he could about computers at RIT – he gravitated into computer-related jobs at Kodak. He’s been involved in Internet and e-mail management since the company got online.

A big part of his job these days involves developing filters to weed out spam and protect the network from viruses and other dangers.
"There’s an urgent national need for a next-generation workforce that understands information security and computer crime."

Sam McQuade, assistant professor of criminal justice

Bruce Nelson 71, ’76, Kodak

"Remember the ‘I Love You’ virus a few years ago? I saw it early," he says. "It just smelled bad. My filter caught thousands."

The avalanche of spam is an important business concern.

"It takes an average of five or six seconds to delete a spam message," says Nelson. "When you’re talking about thousands of employees, it adds up."

After three decades, Nelson still loves the work. "Every day is exciting. Every day, there’s a new problem."

If Matt Carver ’01 (information technology) has an information security job 30 years from now, he expects that will suit him just fine.

"I see myself staying in this field for my entire career," says Carver, a security analyst for industry giant Symantec Corp. in Herndon, Va. "It excites me."

The former president of RIT’s Information Technology Student Organization, Carver went to work for a small company, Mountain Wave Technologies, after graduation. When the company was acquired by Symantec, he segued into the product delivery and response group, working on software that helps computer systems identify and track attack trends.

"This is the fastest-growing portion of the computer industry, so there’s more opportunity," Carver says. "I was really, really lucky."

Professional preparation

Nationwide, few academic programs in this field exist. Since 1996, a credential – CISSP for “Certified Information Systems Security Professional” – has been available by taking an exam offered through the International Information Systems Security Certifications Consortium Inc., a global, not-for-profit organization. Some in the industry – Guerreri included – feel that more should be done to raise the level of formal education.

Professional organizations provide opportunities for exchange of information. The Rochester Area Information Security Forum (RAISF) was founded by Linda Stutsman in 1999, now includes top-level information security professionals working at 11 major corporations and organizations. The group meets regularly to share best practices and offers study sessions for those interested in the CISSP exam.

An RIT student organization called Security Practices and Research Student Association (SPRSA), which networks with RAISF professionals, was formed last year. Members plan to pursue careers in this field.

"There’s an urgent national need for a next-generation workforce that understands information security and computer crime," says Sam McQuade, assistant professor of criminal justice and a former program manager for the National Institute of Justice of the U.S. Department of Justice. Addressing this need has become a matter of national policy: The 2002 Cyber Security Research and Development Act calls for the National Science Foundation to award grants to institutions of higher education for establishing or improving undergraduate and master’s degree programs in computer and network security.

McQuade, who teaches courses in computer crime, explains that information security professionals need training in criminology, sociology, management, law and ethics as well as technical skills.

"This is truly a multidisciplinary issue," says McQuade. "No one academic area can claim ownership of all there is to know."

Personal responsibility

Keeping the university’s information systems safe and secure is a high priority at RIT. Many are involved in the ongoing effort, but Jim Moore, the information security officer, is point man. The university – like other organizations – ultimately depends on the cooperation and responsibility of individuals.

"One person or department can’t do this alone," he says.

Kimberley Larin ’99 (MBA), director of business processes and audit at RIT, agrees. "After auditing information security management processes for many companies before coming to RIT, my greatest concern is a lack of awareness. We shouldn’t live in fear, but we need to be informed. We need to understand our own risks and protect ourselves appropriately," she says.

"Security is about providing people with the freedom to do what they need to do safely. I believe RIT is uniquely positioned to contribute valuable understanding of information security to the world through education."

Kathy Lindsey
More than 2 million Americans take medication for chronic illnesses. All too often, the drugs are taken incorrectly, leading to complications including death.

To address that problem, eight RIT engineering students spent winter and spring quarters developing the Automated Home Medication Dispenser. Their prototype device dispenses the correct amount of up to a dozen different pills, while an Internet interface allows the patient’s physician to monitor and modify the dosage.

A product based on their work may someday be on the market. Even if that never happens, the students succeeded. They gained experience of incalculable value.
They aren’t alone: Some 120 electrical, industrial and mechanical engineering seniors tackled 21 projects in the Kate Gleason College of Engineering’s inaugural multidisciplinary engineering design program. Group projects have been required for seniors in all of the college’s departments for some years, but forging teams from students in several disciplines is new. “We decided to take it to a new level,” explains Dean Harvey Palmer, “to make it more like the industry experience. This represents a major advance in engineering education.”

Among the projects developed:

- Work cell redesign for Sentry Group of Rochester.
- Device to separate marshmallow bits from cereal for testing of Lucky Charms cereal, developed for General Mills.
- Robotic drummer, sponsored by RIT’s electrical engineering department.
- Portable blade-vibration monitor for Crosman Airguns.
- Micro-inertial measurement system for Veridian Inc.
- The new program launched with a course in project management offered in fall quarter. Students from that course became team leaders who, in the first week of winter quarter, presented their projects to prospective team members.

“Five days into the quarter, the teams have to be up and running,” says Edward Hensel, professor and mechanical engineering department head. By the end of winter quarter, the team goes before a committee made up of faculty and industry representatives for a “very demanding, intense” one-hour design presentation. During spring quarter, they build a prototype. It’s up to the team to develop concepts, divide up the workload, arrange meetings with sponsors, purchase supplies – whatever is necessary to get the job done on time and within the $1,500 budget. Each team created a Web site, a project poster, and gave formal presentations at a final conference. Many published technical papers.

“Every minute is utilized for the whole three quarters,” says Hensel, the man Palmer calls “principal architect” of the program. “In 10 weeks, 21 products were developed. A lot of companies would give their left arms for that kind of productivity.”

Karen Palumbo ’03 (industrial and systems engineering), manager of the Lucky Charms team, faced a straight-forward task: invent a device for quickly separating the marshmallow bits from the cereal without damaging the product. For quality control purposes, General Mills tests a box of cereal twice per shift, and the Buffalo plant runs three shifts per day, seven days a week. In the past, workers have picked out the marshmallows by hand.

“We came up with 50 ideas,” Palumbo says. Ultimately, they decided on a device made up of a hot plate, a press and a metal tray. The operator pours the sample on the tray, places the tray on the hot plate and briefly applies the press. The marshmallows stick to the heated tray and the cereal can be removed for further testing. The experience was “an eye-opener,” says Palumbo. “This was so different from other classes. You’re on your own, you get a chance to be creative and try your own ideas.”

Senior engineering students who developed a device to test Lucky Charms cereal are, from left, Roy Mitchell, Greg Dickman, Karen Palumbo, Scott Walker, Andy Wang and George Simonds.
That totals a minimum of 24,000
man hours, or 1.2 man years, for the stu-
dents’ work,” says Hensel. ... will help RIT 
further develop multidisciplinary, team-based approaches to
engineering education. See page 2.

Robert Kremens, a staff scientist at
RIT’s Chester F. Carlson Center for
Imaging Science, proposed a buoy that
could drift in a body of water and periodi-
cally transmit water temperatures. The
student team that took on his project
added a feature: They developed a system
using compressed air and plumbing that
allows the buoy to submerge periodically.
The “submersible autonomous data col-
lection and transmission system,” a.k.a.
SADCATS, successfully completed its
 maiden voyage in the RIT pool.

“They’re maniacs. They really threw it up to
the plate and used their professional skills.”

Team members took obvious pride in
their accomplishment. “In ‘automa-
tion’ and I had to be part of it,” says Saheer Patel’ 03 (mechanical and systems
engineering). “It was the coolest project.”

But the work load was daunting. Team
member Eric Olson ‘03 (mechanical engi-
neering) figures he logged 50 hours a
week toward the end of spring quarter.

That’s not atypical. Hensel estimates that
over the course of the project, each stu-
dent put in an average of 10 hours per
week.

“More projects are needed; in fact, the
coming school year the program will enroll
to as many as 50 teams with up to 10
engineering students. Ultimately, David
Palmer would like to include students
from other colleges. (Representatives of
companies interested in learning more
about project sponsorship should contact
Moises Suidt, director of business develop-
ment and multidisciplinary programs for
the college, at 585-475-2001, or by e-
mail at msuend@rit.edu.)

The team projects are “hugely valu-
able,” says Robert O. Fracca ’88 (mech-
icinal engineering), a former Navy jet pilot,
entrepreneur and Internet pioneer and
now CEO and President of Affinova Inc.,
a Cambridge, Mass., consulting company
focused on product development issues.

“They didn’t have this when I was at RIT;
but my MBA program had a team compo-
nent. Anything that pulls all of the skills
you’ve just learned and puts them to use
is key. Entrepreneurship is exactly like
that,” says Fracca, who was keynote
speaker at the Kate Gleason College of
Engineering commencement in May.

“The teamwork, the multidisciplinary
approach is really important,” says Terry
Clapham ’73 (electrical engineering), co-
founder of VHX, the world’s largest man-
ufacturer of laser-based vision correction
systems. “You have to think outside the
box, learn organizational skills, and figure
out how to motivate people to do what is
needed for your project – those are impor-
tant lessons. There are a lot of engineers
out there, but few with good project skills.
This type of program puts the RIT engi-
neering students one step ahead.”

Seniors may not fully realize the value
of the project experience until sometime
later. They’re busy fulfilling their gradua-
tion requirements and preparing to
begin a career. Out in the workplace,
though, when the lessons will kick in,
Hensel hopes.

“The program helps the transition from
student to professional engineer.”

Kathy Lindley
Building Stone

Equipment manufacturer benefits from RIT connections

Lyne Woodward and her 215 co-workers are proud to say they have hearts of Stone.

Stone Construction Equipment Inc. “is a 100 percent employee-owned, American manufacturer,” says Woodward ’86 (business administration), president and chief operating officer.

“That sets us apart. As owners, we know the only way we can be successful is if our customers are successful. We’re really focused on that.”

Stone designs, manufactures and markets more than 370 products categorized as light construction equipment. Stone produces concrete and mortar mixers, dirt and asphalt compactors, power trowels and concrete and masonry saws at a $50,000 square-foot facility in Honeoye, a rural community about 25 miles south of Rochester. Stone products are sold in 86 countries, competing with Japanese and German companies that dominate the industry.

It’s a challenging, dynamic industry, says Woodward, “but we continue to grow.”

The company takes pride in technological innovation, both with product features and business practices. Stone was among the first companies in the industry to introduce an e-commerce Web site for customers.

RIT plays a part in the company’s success. Many key employees are RIT grads, and the company has provided co-op jobs for RIT students. Stone frequently seeks expertise from RIT’s Kate Gleason College of Engineering, Center for Integrated Manufacturing Studies and National Center for Remanufacturing and Resource Recovery.

“We feel very blessed that we have access to such a great resource,” says Woodward, who joined the company 21 years ago as corporate communications officer, and took a path to the presidency via marketing, sales, and engineering. Along the way, she took night classes at RIT to complete her degree. The many roles and hard-earned education gave her a good understanding of the company and the industry. She was promoted to her current job in 1999.

Frank Wenzel ’89 (manufacturing engineering technology), vice president of engineering, says the practical emphasis of the RIT education is a good fit for Stone.

“You wear a lot of hats in a smaller company,” he notes. “We start with an idea and turn it into a product, see it being built, then work with the customer who will use it. The engineers are involved from start to finish.”

That sort of flexibility is a company strength, says Woodward, who characterizes Stone as “market driven with an intense customer focus.” Because the employees own the company, there’s open sharing of information from financial data to marketing strategy.

“Our four cornerstones are trust, respect, communication and development,” explains Woodward. “The cornerstones drive our operation.”

For more on Stone, visit the company Web site at www.stone-equipment.com.

RIT Works! focuses on the contributions of RIT graduates in the workplace.
Electronic technology lets us shop via e-commerce and communicate by e-mail. But what does it all mean for the future of the printed word?
From inside his office on the second floor of RIT’s Wallace Library, David Pankow frequently hears that question. As curator of the Cary Collection, a nationally recognized graphic arts resource center, he studies the transformation of the information age to the digital era — where information is more frequently shared electronically.

“What will happen to print?” he considers. “Is it going away? The evidence indicates that will not happen. Print maintains a function in society that simply cannot be replaced.”

Frank Romano, the Roger K. Fawcett Distinguished Professor of Digital Publishing in RIT’s School of Print Media, can’t help but chuckle as he relays a recent conversation on the subject.

“I got a call from a reporter at Business Week, and his opening line was, ‘Print is dead.’ I said, ‘Where did you hear that?’ And he said, ‘I read it somewhere.’”

RIT plays an important role in assuring the evolution of print. The School of Print Media maintains a world-class reputation, and the recent creation of the Printing Industry Center at RIT enhances that. As a Sloan Industry Center, it is dedicated to studying and analyzing major business-environment influences in the printing industry. The center is a partnership between RIT; the Alfred P. Sloan Foundation and printing industry leaders. Other resources include RIT’s Printing Applications Laboratory, which provides the industry with a facility for applied research. The Heidelberg Web Press Laboratory, dedicated in April, serves as the centerpiece of PM’s activities. Printing professionals turn to the university’s Industry Education Programs to enhance their skills and knowledge base. And the Cary Collection remains one of the country’s premier resources on the history and practices of printing.

The Harvard of printing

The origin of printing and print-media education at RIT dates to 1917. Since then, the school has evolved to meet the changing nature of the industry. The School of Printing Management and Sciences became the School of Print Media last year, reflecting the ongoing integration of print and new media communication. The school offers a B.S. degree in graphic media, and last year teamed up with RIT’s B. Thomas Golisano College of Computing and Information Sciences on a B.S. degree program in new media publishing.

Graduate programs within the School of Print Media include print media and graphic arts publishing. There’s also an accelerated B.S./M.B.A. in graphic media offered jointly with the College of Business.

“What we’re finding is that an interdisciplinary approach is very important,” says Barb Pellow, SPM chair. “Print is linked to Web sites, which are linked to direct mail companies. So what these companies look for is a very interdisciplinary approach, offering them flexibility in how they communicate with their consumers.”

The strength of the educational opportunities offered by the school is apparent through more than just its worldwide reputation. The excellence displayed by its students continues to earn critical acclaim. For example, RIT’s chapter of the Technical Association of the Graphic Arts (TAGA) recently claimed the top prize in TAGA’s Student Chapter Publication Competition for the third consecutive year. Trish Boyle Witkowski ’95 and ’99 (B.F.A. and M.S., graphic arts and publishing) used her RIT education to develop a multi-faceted career. In addition to her
Getting the lead out

Retirement from a 37-year career in publishing gave Kay Michael Kramer ’61 (printing management) more time to devote to his lifelong passion – printing history.

Kramer began acquiring vintage printing equipment and types in the 1960s, not long after joining The C.V. Mosby Co., the St. Louis-based publisher of medical, nursing, and college text and reference titles. Today, the basement of his Kirkwood, Mo., home holds two presses; a Vandercook SP15 and an 1840 Alphon handpress. These are the heart of The Printer’s highly regarded private press.

Kramer began producing fine printed pieces during his college days. Under RIT’s former student imprint, The Press of the Good Mountain, Kramer created Christmas greetings and booklets. Those annual holiday productions have continued, along with limited edition books and keepsakes.

Each is a work of art and a labor of love. The projects involve a concept and design, selecting or creating appropriate artwork, finding special papers and binding materials, setting the type, printing the pages, and binding them – all by hand.

“You have to be interested in the subject matter of a project because it’s a very labor-intensive process,” notes Kramer.

Last year, The Printerly published the text of a 1970 talk by the late RIT professor Alexander S. Lawson, Printer’s Manuals: From Mason to the PLA traces the history of English-language printers’ manuals from 1683 to 1953. Kramer printed 100 copies of the 64-page monograph. The 10 leather-bound copies are no longer available; most of the 90 clothbound copies, at $175 each, also are sold. As with his other publications, many copies found homes in libraries. RIT’s Melbert B. Cary Jr. Graphic Arts Collection is home to one.

“We’ve received a very positive response to it,” says Kramer. “‘Alex was known worldwide.’

To learn more about Printerly products, contact Kramer at (314) 821-1465 or send e-mail to theprinterlybooks@earthlink.net.

Getting digital

Many members of the industry wonder what it will take to keep printing viable in this digital era. These concerns are what drive the Printing Industry Center at RIT.

“Most of what happens before ink meets paper is now digital,” explains Frank Cost ’87, associate dean of the College of Imaging Arts and Sciences.

“Research conducted by the Printing Industry Center is critical in reevaluating the role of the printed word.”
Under the direction of Cost and Patricia Sorce, associate professor of marketing in the College of Business, the center examines various dynamics of the industry such as the long-term role of new technologies and the evolution of digital media. Findings are shared with industry personnel through published articles and an annual symposium held on the RIT campus. Ultimately, the goal is to formulate a rational understanding of opportunities for business expansion, technology adoption and cost reduction.

Companies like Nexpress highlight the industry’s transformation. As a joint venture between Heidelberg and Eastman Kodak, the company manufactures digital printing presses. RIT alumnus Venkat Purushotham ’80 and ’81 (B.S. printing management, M.S. imaging science), president and CEO of Nexpress, believes new technology makes print a more dynamic tool.

“Print is being revitalized,” he says. “It’s becoming more responsive, allowing users to communicate in a targeted, personalized fashion. From mass production to mass customization, it can benefit even communities of a few.”

The support of industry partners like Nexpress is critical to the success of the Printing Industry Center. The partners foster the exchange of expertise between industry leaders and faculty, provide cooperative education opportunities for SPM students, and contribute equipment and technology.

Top of the Line
One of the more notable partnerships is with Heidelberg. In April, RIT dedicated the new Heidelberg Web-Press Laboratory located in the expanded Louise M. Slaughter Building. The centerpiece of this laboratory is a state-of-the-art Sunday 2000 web press, consigned to RIT by Heidelberg.

“In planning our technology partnership with RIT, we understood from the beginning that only our newest, most advanced printing system would do,” says Werner Albrecht, president of Heidelberg Web Systems.

And while SPM students draw tremendous benefits from the new press, so does the industry as a whole. RIT’s Printing Applications Laboratory will use the system in collaboration with web offset printers and suppliers on applied research projects.

The multi-million dollar press is believed to be the largest commitment of resources by a vendor to an educational institution in the industry’s history. In addition, 17 other industry suppliers have offered additional support to the Heidelberg Web-Press Laboratory by providing components and consumables valued at more than $1.6 million.

“Print is being revitalized. It’s becoming more responsive, allowing users to communicate in a targeted, personalized fashion. From mass production to mass customization, it can benefit even communities of a few.”

Venkat Purushotham ’80 and ’81, president and CEO of Nexpress

SPM students, and contribute equipment and technology.

“Print is being revitalized. It’s becoming more responsive, allowing users to communicate in a targeted, personalized fashion. From mass production to mass customization, it can benefit even communities of a few.”

Venkat Purushotham ’80 and ’81, president and CEO of Nexpress

The value of these partnerships goes beyond the equipment they provide. Representatives of many companies offer their expertise on campus – visiting classrooms and sponsoring lectures.

“It makes the education at RIT a much richer experience for our students,” explains Romano. “The classroom becomes a window on the world, and that’s what those relationships give us.”

Shared experience
Industry professionals gain something in return. Many turn to RIT to enhance their own expertise and to gain a better understanding of the latest technology. Industry Education Programs are incorporated within the Printing Industry Center. Educational seminars are available at RIT, or they can be customized for delivery in the workplace. RIT has been offering educational programs for members of the printing industry since 1951.

With all these educational opportunities and technological resources, the traditional tools and products of printing remain an important part of the RIT landscape. The Cary Collection houses more than 50,000 volumes and a growing number of manuscripts and correspondence collections.

Visitors to the Cary Collection are also treated to an assortment of famous 19th century iron handpresses and letterpresses, accompanied by the necessary trappings for printing. This rare equipment allows for practical research on various aspects of printing and graphic communications history. But it’s not all just about the past.

“We are a guide for where the industry is going in the future,” states Pankow. “We don’t intend to stop with the printed books. In fact, we’ve already begun collecting early examples of born-digital publications. It’s a whole new era of publishing technology that scholars will study in the future.”

Frank Romans, professor of digital publishing
Crossroads, home of the Alumni Relations Office

ESPN SportsCenter

Renovated Gleason Building

The Academic Quad, repaved and replanted

FALL 2003
The ‘new’ campus

Visitors who haven’t seen RIT lately haven’t seen RIT at all. Change takes place at breathtaking speed these days — construction begins on another project even before the latest new building comes on line. Brick City has never looked brighter. See for yourself!
Tojo Garden
Chester F. Carlson Center for Imaging Science
Gallery r, RIT's art gallery in downtown Rochester
Dyer Arts Center in NTID's Lyndon Baines Johnson Building
Gosnell Building addition
Tojo Garden
Java Wally's coffeehouse in Wallace Library

RIT boathouse, on the Genesee River south of campus

Bruce and Nora James Atrium, Coxeell Building

University Commons student apartment complex

Bausch & Lomb rotunda

Heidelberg printing facility, Louise M. Slaughter Building

Forest McMullin '77
Welcome to Brick City
A bird’s eye view of RIT today reveals a pattern of progress.
Members of the RIT family found many ways to serve during the war in Iraq. Following are stories of just a few of the alumni, faculty, staff and students who helped the effort.

On the front lines

Lt. Col. Daniel Stafford of RIT’s Army ROTC department learned that 17 recent grads of the program were among the 12,500 servicemen deployed as part of Operation Iraqi Freedom.

“We heard a very compelling story from 2nd Lt. Jeffery Bartel ’02,” says Stafford. Bartel completed his officer basic course and was assigned to Vileck, Germany. Two weeks after arriving, he was ordered to lead his platoon into combat. He was required to airlift his Bradley Fighting Vehicles (armed personnel carriers) along with M1 Abrams tanks from another unit to Basrah and then on to Kirkuk, taking part in the first-ever airlift of M-1 tanks via a C-17 aircraft into a combat environment.

“I have learned so much already and what a way to start a career,” Bartel wrote. Regarding RIT and his ROTC training, he says “You have taught me so much . . . [I] cannot show you enough appreciation.”

The department also had word that the following were deployed: Capt. Todd Farrell ’97, Capt. Jacob Fox ’98, Capt. Kevin Hickey ’99, Capt. Andrew Yeger ’99, 1st Lt. Phillip Renner ’00, 1st Lt. Derek Boyle ’00, 1st Lt. Meredith Chasler ’01, 1st Lt. Jennifer Farrell (Funk) ’00, 1st Lt. Roderick Van Winkle ’03, 1st Lt. Erin Yarbrough ’00, 1st Lt. Daniel Cohen ’01, 1st Lt. Gregory Davis ’01, 1st Lt. Sherri Friesio ’01, 1st Lt. Andrew Sinden ’01, 1st Lt. Thomas Whitmore ’01, 2nd Lt. Erin Griep ’02.

“This list represents only a few of the dozens upon dozens of RIT alumni stationed around the world,” notes Stafford. “We pray for their safe return.”

Turn on the heat

U.S. troops in Iraq ate Meals Ready to Eat (MREs) heated by technology developed with help from RIT.

The technology works like this: water added to a plastic pouch containing a magnesium-and-salt mixture produces heat, says Satish Kandlikar, professor of mechanical engineering and director of the Thermal Analysis and Microfluidics Laboratory in the Kate Gleason College of Engineering.

Kandlikar helped simulate and optimize heat generation and delivery in “flameless ration heaters” under contracts with the U.S. Army. The device, patented by the Army, has been used with MREs since the Persian Gulf War in 1991. Similar technology under development for “tub rations” would provide hot meals for groups of soldiers. Kandlikar is also studying advanced cooling technology for computer chips and electronic devices that may be useful in military communication and missile-control applications.

“Applying high-tech research tools in support of soldiers in battlefield conditions is something for which we’re very proud,” Kandlikar says.

Better tests, better gear

Two May graduates of the Kate Gleason College of Engineering help keep U.S. service men and women safe from chemical and biological attacks.

Dan Blodgett ’03, an advanced statistician with Westar Corp., and Scott Hunter ’03, an advanced statistician for Lockheed Martin Corp., work as civilians at the U.S.
Army chemical protective equipment division at Dugway Proving Ground in Utah. They devised sampling methodology to improve the testing of protective gear and chemical- and biological-agent detectors used by the military.

The two received master’s degrees in quality and applied statistics. They completed the program via distance learning and visited campus for the first time this past spring for final oral exams.

“RIT has given me the confidence to ensure high testing standards and to protect our nation’s soldiers,” Hunter says.

**Studying and serving**

Andrew Soto is working on an RIT degree from onboard a Navy vessel.

Soto serves as a chief petty officer on the U.S. Coronado, a command ship providing force protection from chemical, biological and nuclear attack, part of the U.S. Navy’s 3rd Fleet. He’s pursuing a bachelor’s degree in applied arts and sciences concentrating on emergency management and safety through RIT’s College of Applied Science and Technology.

“My position involves much of what I have been studying,” Soto says.

In his 19 years in the Navy – the last four as an RIT distance learning student – Soto has been deployed in Pacific Ocean and Mediterranean Sea regions and Spain. Balancing work and online studies requires self-discipline, he says. “It’s been a very good experience.”

He’ll graduate next year.

**Fabrics for protection**

To stay in the air for long missions, military aircraft must refuel in flight. High-tech, flame-retardant fabrics produced by a company with RIT connections help make this precarious maneuver possible.

“We make covers for all the air-to-air refueling systems,” says Bal Dixit ‘74 (MBA), chairman and CEO of Newtex Industries Inc. and a member of the RIT Board of Trustees. The company, based in Victor, N.Y., is a leading manufacturer of high-temperature, coated, aluminized fabrics, tapes, ropes and tubing as well as safety clothing for heat-resistant industrial applications.

Many of the company’s products have military uses. Dixit says. For two decades, Newtex has supplied the United States Navy, which uses such materials extensively in shipbuilding.

Dixit, who has a master’s degree in engineering as well as an MBA, founded the company in 1978 to manufacture a safe, affordable alternative to asbestos. From its start with four original products Dixit developed, the company now markets several thousand products including high-temperature safety suits, gloves and mitts; safety clothing to protect from radiant and ambient heat sources; insulation for boilers and pipes; gaskets for exhaust manifolds; and fabrics for welding applications.

The Pentagon “is a good customer,” says Dixit, “but military contracts are not the biggest part of our business.” Most of Newtex’s sales are to the private sector, including the oil industry. The company also manufactures decorative, non-flammable, paintable wall coverings.

Mike Saffran

**Alumnus Eric Smith killed fighting in Iraq**

Eric Allan Smith ‘84 (accounting), a chief warrant officer in the U.S. Army, was one of seven soldiers killed April 2 in the crash of a Black Hawk helicopter near Karbala, Iraq. The youngest of three brothers, Mr. Smith grew up in the Rochester area and graduated from Brighton High School in 1980. After graduating from RIT he lived in San Diego before enlisting in 1987. He spent most of his Army career as a helicopter pilot and instructor. He was stationed at Hunter Air Force Base in Savannah, Ga., before being sent to Kuwait in January.

Mr. Smith was honored with a military service at Arlington National Cemetery in May. He was awarded the Purple Heart and Bronze Star.

Mr. Smith’s family has established a scholarship in his honor. Contributions to the Eric Allan Smith Memorial Scholarship can be sent to the RIT Office of Development, 116 Lomb Memorial Drive, Rochester, NY 14623. For more information, call 585-475-5500 or see the Web site at www.rit.edu.
Connections

Alumni Activities

Welcome members of the Class of 2003 to the Alumni Network! We hope you get involved in regional programs for alumni. Listed below are events taking place across the country. To participate in events or to help plan future events in your area call the Office of Alumni Relations toll free at 1-866-RIT-ALUM or go to www.rit.edu/alumni and click on activities.

RIT Alumni remember Sept. 11, 2001

Thank our troops and give back to your communities! Join fellow RIT alumni as we remember Sept. 11, 2001. Alumni will be joining across the country in various community service projects in their area during the month of September. Call the Office of Alumni Relations today to sign up to work side by side with your classmates to remember our fallen friends and support our troops.

Albany

A day at the races was enjoyed by the Albany Alumni Chapter on Aug. 9. Alumni and guests attended brunch at the Saratoga Golf and Polo Club before heading over to the track for the Sword Dancer Invitational at the Saratoga Race Course. Thank you to Dan Farrell ’81, the alumni host for this special event.

Atlanta

Alumni had the opportunity to enjoy the French Masterworks from the State Pushkin Museum, Moscow, at the High Museum. This exhibit included 76 masterpieces from Picasso, Matisse, Cezanne, van Gogh, Rousseau, Boucher, David, Corot, Manet, Lautrec, Renoir, Monet, Gauguin and others.

Boston

An RIT chair was auctioned in June at the Boston WGMB Auction to help the local PBS affiliate. Also in June, the chapter enjoyed the waterfront view at Tia’s during a networking night. Alumni and their families gathered on Aug. 17 to see the Pawtucket Red Sox take on the Rochester Red Wings and enjoy a picnic dinner prior to game time.

Great work, chapter leaders Pat Ward ’97, Stephanie Murphy ’96 and Scotty Rill ’97.

Class Notes

Key to abbreviations

CAST — College of Applied Science and Technology
CCE — College of Continuing Education
CIAS — College of Imaging Arts and Sciences
COLA — College of Liberal Arts
COB — College of Business
KGCOE — Kate Gleason College of Engineering
COS — College of Science
FAA — Fine and Applied Arts
GAP — Graphic Arts and Photography
GCCIS — B. Thomas Golisano College of Computing and Information Sciences
NTID — National Technical Institute for the Deaf

1957

57 (CAP) is a design supervisor for Kaskaskia North American, Inc., Fountain Inn, S.C.

1964

Sidney Weicks ’64 (GAP) is vice president of sales for John C. Lucas Printing Co., New York City.

1966

Eugene Behague ’66 (COB) announces that after working for some of the nation’s top direct marketing organizations, he has opened his own direct marketing consulting business in Beverly Shores, Ind. He specializes in turning creativity into cash, building, package design, media advertising, direct mail and copywriting for direct marketing organizations across the U.S. and Europe.

1967

John Schmader ’67 (CAP) is president of The Tool-Box Engineering Co., Solon, Ohio.
1968 35th Reunion

Thomas Casperson ’68 (COB) is president of Casperson & Associates, West Carrollton, Ohio.
Ronald Gray ’68 (COB) is president of IBM Inc. He is also on the board of directors and executive vice president of ExpressOne International Airlines Inc., Alhambra Springs, Fla.

1969 season 2004

Robert Fickas ’69 (GAP) is president of the California Oil Producers Electrical Cooperative, Long Beach, Calif.

Kenneth Hochport ’69 (GAP) is a sales representative for St. Vincent Press, Rehoboth Beach, Del.

Thomas Ramsburg ’69 (GAP) is a commercial photographer and owner of Ramsburg Studios, Indianapolis, Ind.

Raymond Stachowitsch ’69 (GAP) is director of international operations for SYK Enterprises Inc., Arlington Heights, Ill.

1971 season 2005


Daniel Edwards ’71 (GAP) is a solution manager for Donaldson Co., Inc., Minneapolis, Minn.

Robert Kiss ’71 (GAP) has exhibited his recent work “Heritage in Platinum” (The Chateau House) at the Jamaican Gallery, Barbados.

Alfred Manfredino ’71 (COB) is an information technology specialist for Defense Logistics Agency, Fort Belvoir, Va.

Kevin Nolan ’71 (COB) received the 2003 Lauceri Civic Award, presented to a deaf person for outstanding social contributions, on April 9, 2003.

Susan Wolf Volf-Domines ’71 (NTID) is executive director of the Northeast Deaf & Hard of Hearing Services Inc., Concord, N.H. She was a member of NTID’s first class in 1968.

1972 season 2007

Richard Gabelman ’72 (GAP) is a sales representative for IVC Mail-Voil, Toledo, Ohio.

Bonnie Meyer Hall ’72 (FAA) is owner of The Bosc Group Inc., Lawrence, Kan.

John Rawlins ’72 (GAP) is a producer for Visual Marketing Co., Charlotte, N.C.

Thomas Vigne ’72 (KGCCE) and Crystal Dumen were married on Feb. 22, 2002. They reside in West Henrietta, N.Y.

1973 30th Reunion

Carl Bercher ’73 (KGCCE) is a hardware engineering manager for Lockheed Martin Corp., Owego, N.Y.

Martin Drechsel ’73 (CDS) is a

Alumni Activities

Cleveland

Al Teufcn ’73 coordinated an alumni gathering to see the Cleveland Indians on Aug. 7. It was a picnic dinner before the game was enjoyed by alumni and guests.

New York City

Amy Sandstrom ’95 and Jennifer Zausmer ’93 planned a fun networking night at the Vine on May 8. This summer, specially priced tickets to the U.S. Open 2003 were available for purchase by alumni.

Philadelphia

Alumni and guests enjoyed the last season of Phillies baseball at Veterans Stadium. Tickets to the Phillies-Red Sox game sold out quickly. RIT president Albert Simone visited alumni in Philadelphia on April 30. He brought with him Robert Davila, RIT vice president and NTID CEO, and Mary-Beth Cooper, vice president for student affairs. Alumni, parents, and guests enjoyed this unique evening of exchange. Thank you to the hosts Jane and Don Pulver, NTID Foundation Board of Trustees and RIT Board of Trustees, and Jill and Eileen Whiteside, chairman emeritus, RIT Board of Trustees and parents of Mary ’86 and Christopher ’85.

Thank you to alumni volunteers Aviva Dubrow ’91 and Paul Brown ’84.

Phoenix

Take me out to the ball game! Thank you to Stacy Johnson ’96 for organizing an evening with the Diamondbacks. Alumni and friends enjoyed a great evening of networking as they watched the Arizona Diamondbacks take on the Los Angeles Dodgers on July 25.

Raleigh-Durham

Alumni joined together for a night of Courage! Alumni and friends enjoyed a pizza party and alumni appreciation night at a Carolina Courage game on Aug. 9. Thank you to Mike and Suzanne Pail ’98 for their dedication in organizing this great event.

Rochester

Every available seat on the bus was filled for the Keuka Lake Wine Tour. A wonderful day of wine sampling was had by alumni and guests. Gary VanDeMortel ’00 was especially helpful in coordinating this activity.

The sun shined for the Harbor Town Belle Boat Excursion in May, which gave alumni and guests the opportunity to take a paddleboat ride on Lake Ontario. Alumni and their families saw the Rochester Red Wings play on June 27. Special guest the Zooperstars were at the game and contributed to the evening’s fun. Thank you to alumni host Donna Bell ’83 for her help in scheduling this activity.

A special volunteer planning meeting is scheduled for Sept. 18 that you don’t want to miss. All Rochester area alumni are welcome to attend. Starting at noon, a 30-minute tour of the Center for Integrated Manufacturing Studies at RIT will be conducted. Afterward, a boxed lunch will be served during a brief chapter meeting. Mark your calendars today!

Another upcoming chapter events to stay tuned for are a Niagara-on-the-Lake day trip on Sept. 13 and an evening at the Rochester Philharmonic Gala Holiday Pops on Dec. 19.
San Diego
Winery Callaway Coastal was toured by San Diego alumni on June 14. Also, a wine tasting and picnic lunch in the scenic region was enjoyed.

Thank you to Rick Prenovost ’78, Louis Semon ’72, Michi Hafner ’92, Pamela Wick ’84 and Phil Olshe ’92 for your hard work.

San Francisco
Several great events coming your way. Great ideas were shared by all at the Peja Province Wine Tasting. From this event we have several volunteer hosts for upcoming events. More to come soon!
Thank you to all of you.

Washington, D.C.
Before visiting Philadelphia, RIT President Albert Simone stopped in Washington, D.C., on April 29. The evening included presentations from Bruce James ’64, chairman of the RIT Board of Trustees, and Robert Davila, RIT vice president and CEO of NTID. Special thanks to Vicky Decker ’93 for her continued efforts for the chapter.

Wade Winter ’78 (COB) is an assistant vice president and site leader for the Dayton (Ohio) Customer Response Center. He is married with three children.

William Symons ’77, ’78 (KGCOE) is working for the U.S. Army, Orlando, Fla., in the Program Office for Simulation Training and Instrumentation. He is also the director for command analysis and planning. He is a colonel in the Army Reserve, promoted in May 2001, and commands the 17th Transportation Group in Mobile, Ala.

1979 Spring ’04
Mary Barnes ‘79 (NTID) is an information technology analyst for the U.S. Securities & Exchange Commission, Alexandria, Va.

Barbara Binion ’79 (CAST) is a systems specialist for Bell Helicopter, Fort Worth, Texas.


Donald Forsythe ’79 (FAA) has been named Distinguished Professor of Art at Messiah College, Grantham, Pa.

Kathryn Frazzinec-S DV ’74, ’79 (NTID) is an ASL instructor for Los Angeles Community College, Long Beach, Calif.


Mark Spenackochia ’79 (COB) is a regional advisor for Fiscal Affairs & Marketing, Inc., Victor, N.Y.

1980 Spring ’05
Frederick Cooper ’80 (GCOE) is a technical sales manager for Efite Corp., New Market, Md.

Jonathan Gromann ’80 (KGCOE) is an electrical engineer for Titan Defense Systems, Wilmington, Mass.

Bruce Katz ’79 (GCOE), ’80 (CAST) is a senior staff quality assurance engineer for IBM Software Group, Lexington, Mass.

Francis Lubat ’77, ’80 (COB) is an aerospace systems engineer for Senior Corp., Chantilly, Va.

Michael Pells ’77, ’80 (COB) is a senior simulation engineer for Hyperion Inc., Apopka, Fla.

Marc Turkel ’79, ’80 (GCOE) is an operations manager for Microsoft Corp., Redmond, Wash.

1981 Spring ’06
John Balle ’79, ’81 (GA) was elected president of Network Writers & Artists Inc. (NOWA), a pro-

Alumni Weekend
Oct. 9-12 • www.rit.edu/alumniweekend
Liz Bonis thrives on diet of air

Liz Bonis took her father’s philosophy to heart. “He always told me, ‘Do what you love and you’ll never work a day in your life.’” That explains why Bonis ’88 (general dietetics and nutrition care) has no complaints about the demands of her unique career as a health and nutrition reporter and radio host. She’s working hard and loving it.

Her schedule is daunting: Bonis gets up at 5 a.m., hits the treadmill and returns-phone and e-mail messages before heading to WVXU-FM in Cincinnati, where she hosts the Liz and Carson Morning Show from 5:30 to 9 a.m. Monday through Friday.

Later, she tapes health-related news segments that run daily on Cincinnati TV station WKRK. She does live radio spots five days a week on stations in several states, and tapes 60- to 90-second “Lighten Up with Liz” features.

Every Saturday, her hour-long, live radio show, Lighten Up with Liz airs in dozens markets. She produces a newsletter by the same name, and there’s a companion Web site, www.lightenupwithliz.com. She also does occasional seminars.

“If I didn’t love it I couldn’t do it,” she says, sounding as enthusiastic and energetic on the telephone as she does on the air. She’s made time for this interview while driving from Cincinnati to Lexington, Ky.

She speaks of her father and his profound influence on her life. Austin Bonit taught statistics in the College of Business. She cites his death from cancer in 1981 as a reason for her interest in health and nutrition.

As a student at RIT, Bonit helped produce NutriNews for students, and answered questions about diet at Gracie’s, the cafeteria in Grace Watson residence hall.

“That was a real turning point,” she says. She realized she could give people information that could change their lives. “Barb Cerio (who teaches nutrition management) used to say ‘Knowledge is power,’ and that’s so true. Until you know it, you can’t do it.”

It occurred to Bonit that the media could allow her to reach large numbers of people with information about nutrition and health. During college, she worked at a Rochester radio station – for free – learning as much as possible. After RIT, she earned a master’s degree in communications from Syracuse University.

Bonit began delivering upbeat nutrition segments on Rochester radio station WHAM in 1991, and was health reporter for WGRZ-TV before moving to Cincinnati last year to take advantage of opportunities offered by media giant Clear Channel Communications. Busy as she is now, she would like to expand into more markets, to reach more people.

“Her style is entertaining, not academic. She provides information, not sermon.”

“My mission is to infect your head and your life, to add rather than subtract,” she says. “It’s about taking control of your life.”

Bonit knows from experience what it’s like to struggle to make healthy choices. Overweight as a child, she says she’s tried “every diet out there” and lost 50 pounds twice.

“I chronically dieted for 10 years before I figured out it doesn’t work,” she says. “I threw out my scales three years ago.

“I don’t feel a pressure to have a certain look,” she continues. “I do feel a tremendous pressure to live what I say.

“When you’re passionate about something, and people believe what you’re doing, that makes it all worthwhile. That’s what I love.”
ALUMNI ACTIVITIES
Alumni Awards Dinner
Alumni Luncheon catered by Dinosaur BBQ
Alumni Social in the RITz
Reunion Class Dinner
Golden Circle Luncheon
Hospitality Alumni Panel
Hospitality Alumni Awards Dinner
Packaging Science – 30th Anniversary
Athletic Alumni Games
Athletic Reunion
Greek Games
Greek Reunion

CLASS REUNIONS

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Golden Circle 1953 & prior years

FAMILY FUN
Stonehurst Capital Invitational Regatta
Red Barn Interactive Adventures
RIT Women’s Soccer vs. Utica Rhinos & Red Wings Fun Zone
Children’s Games to include tug of war, three legged races, and more!
Global Awareness Fair:
Cultures & Religions of the World
Desserts, Coffee and Jazz
Karaoke Jam Session
Beatles Tribute Band “The Returns”

ENTERTAINMENT

Colin Mochrie & Brad Sherwood
Laugh along with these two masters of improvisational comedy from the hit TV show “Whose Line is it Anyway?”

Ben Stein
Horton Distinguished Speaker – Economist, Actor and Host of the TV show “Win Ben Stein’s Money”

CAMPUS & COLLEGE EVENTS
President Simone’s State of the Institute Address
Buch O’Neil – Negro Baseball League
College Receptions
Faculty and Staff Presentations
Computer Workshops
Tour of Center for Integrated Manufacturing Studies
Heidelberg Web Press Laboratory Tour
Tours of Campus
Art on Campus Tour

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866 RIT ALUM
Stephanie Howard puts heart in soles

Considering RIT’s reputation as a national hockey power, it seems especially fitting that a graduate has a career designing skates.

Her designs go beyond the ice rink, however. As creative director for the Nike Products division of Bauer Hockey Inc., Stephanie Howard ’94 (industrial design) designs ice hockey, roller hockey, and inline skates as well as accessories such as sports bags.

“How I ended up in footwear was kind of a fluke,” says Howard, “but it turned out to be the perfect career for me.” Howard, a runner, inline skater and roller-hockey player, notes that “I really like the purity of design in the sport of hockey. The players need their equipment to give them speed, mobility, and protection. It’s a well-defined goal.”

As an undergraduate, Howard worked on a variety of projects ranging from pneumatic air hammers to toys. She thought she likely would work for a consulting company and began her job search by interviewing for freelance work.

“Because of my portfolio and the preparation from RIT, I had choices when I graduated,” she says. “People were really open to talking to me.”

A contact with Brian Keating ’92 (industrial design), who was working for New Balance in Boston at the time, led to her joining that company as a designer of running shoes. After three years, she moved on to Reebok. Three years later, she joined Nike.

Howard works from her home in Boston, traveling to the company’s Greenfield, N.H., facility once or twice a week, and frequently to Nike headquarters in Beaverton, Ore., as well as to Montreal, where Bauer Hockey Inc.’s research, design and development center is located. The arrangement works well for Howard: her husband, industrial designer Benjamin Beck, is a partner in a Boston-based consulting firm.

Howard’s projects begin with a brief from the marketing department explaining the concept for a new product. “I do lots of hand sketching, trying to think of all the ways the product can be approached,” she explains. “Function is always the primary concern.”

She surrounds herself with images and gathers reference information on materials. Eventually, she meets with a team to review ideas. Ultimately, she goes to the computer and begins working in Adobe Illustrator to create a detailed rendering of the new product.

That goes to consumers and dealers for feedback. After further refinement, her design becomes a prototype. Howard’s part in the process typically takes a few months; the road from idea to finished product can take 18 months to two years.

There’s never a shortage of new projects. “Nike is constantly looking for ways to innovate,” she says. Style is a consideration, but Nike places a premium on technical advances to improve comfort and performance. In the quest for better products, the company makes use of industrial designers, engineers, bio-mechanics experts and testing labs.

Howard goes to sporting events to talk to consumers about their likes and dislikes to get ideas. Although she’s been in the athletic footwear field for a decade, she continues to find the work interesting— and challenging.

“When athletes compete, or set out to reach their personal goals, they want excellence,” she notes. “I don’t think I’ll ever be bored.”
New faces. New dreams. Every year, RIT welcomes bright students, full of curiosity, enthusiasm and ideas. As they dig into their coursework and move through their chosen curriculum to graduation, their lives will be transformed. These students will be the next generation of leaders. When you support the RIT Annual Fund, you make that transformation possible, especially for students who otherwise wouldn’t have a chance at a world-class RIT education. Making a gift will impact a student’s life. It also changes your life. No matter the size of your gift, you become a door opener, a dream catalyst, and part of an ongoing success story.

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Chris Behrens:'82, '84 (GAP) is an associate partner at BHM Corp., Philadelphia, Pa.
Christopher Clemens: '81 (COS), '84 (COS) is senior scientist for Salus Therapeutics, Salt Lake City, Utah.
Raymond Kuzma: '83, '84 (GAP) is a production director for Pharmacia, Piscataway, N.J.
Sean McNaughton: '94 (COS) is an associate professor of the University of Louisville.<nGary Myer: '84 (COS) is a packaging engineer for U.S. Army, Clark, N.J.
Thomas Rafter: '84 (COS) is chief executive officer for Vantari Getter, Malvern, Ohio.
Kevin Spyher: '84 (COS) is a civil engineer for Hadron Construction Corp., Ranckinosna, N.J.
Thomas White: '82, '84 (GAP) is director of development for the Igles Foundation, Philadelphia, Pa.

1985

Thomas Adams: '85 (COS) is a communications specialist for New York state, Albany, N.Y.
Edward Baxter: '82, '85 (COS) is a professor of civil engineering for DMC Corp., Holtsville, Mass.
Thomas Bradarich: '81, '85 (BA) is president and owner of SkySword Biz, Boston, Mass.
Mark Ropp SVP: '79, '89 (NTID) is a consulting manager for Mobile Maritime, Nantucket, Mass.
Lee Goldberg: '85 (BA) has accepted a position as a sales representative in the Orlando and Kissimmee areas of Florida. After working in operations for 24 years, he is excited about the change of career, which allows him to spend weekends at home with his wife and two children.
Alexandra Harland: '85 (COS) is a business analyst at Chase Capital Center, Philadelphia, Pa.
Lisa Huff: '95 (GAP) is a program manager for Nasa, USA, New Holland, Pa.
Lance Johnsson: '85 (BA) is a program manager for Elector Corp., Cambridge, Conn. He started with the Elector Corp. on a co-op job in 1981 and started his permanent career upon graduation.
Tiffane Kozuka: '85 (COS) is an assistant professor of instructional design, development and evaluation in the School of Education at Syracuse University and was promoted in the fall 2002 issue of the school’s biannual publication, Education Exchange.
Stephen Neble: '85 (GAP) is a manager and assistant controller for OpTech Impressions Inc., Roseland, N.J.
Diane Israel Pulson: '73, '85 (COS) opened a Pilates-based weight training studio in August 2002 in
Houston, Texas. After 13 years working for a toy department store as a manager for 10 years on a home product, she made her certification in both weight training and Pilates.
Marleen Radig: '85 (COS) is a sales manager for the City and County Communications and Marketing Association (SCMA) in national competition for the "Facts and Places of Affordable Housing" poster campaign. This 2012 outreach effort was spearheaded by the City of Fort Collins, and Harvey designed the three posters. The project also was honor- rolled with an Eagle Award from Rural Housing NOAAs at its statewide: "Colorado Housing NOAAs" conference.
Paul Breen: '82, '84 (GAP) is an associate partner for IBM Corp., Philadelphia, Pa.
Rebecca White Henry: '87 (BA) of Ft. Collins, Colo., received a Second Place Silver Circle Award from the City and County Communications and Marketing Association (SCMA) in national competition for the "Facts and Places of Affordable Housing" poster campaign. This 2012 outreach effort was spearheaded by the City of Fort Collins, and Harvey designed the three posters. The project also was honor-rolled with an Eagle Award from Rural Housing NOAAs at its statewide: "Colorado Housing NOAAs" conference.
Michelle Domohar: '88 (GAP) is an environmental specialist for the Philadelphia Inquirer.
Kimberly Dunlevy Rees: '88 (COS) worked in pharmaceutical sales for 24 years. She studied German and taught English as a second language and is the president of the American Women's Club of Hamburg.
Kelly Ford: '88 (COS) is director of human resources for Allegheny University, Allentown.
Joe Varelatti Gentle: '83, '88 (COS) is an account manager for Hitachi Global Storage Technologies Inc., Waltham, Mass.
Gregory Goodwin: '83, '86, '88 (COS) and wife, Diane, welcomed a son, Douglas Ryan, on April 7, 2003.
Neal Goertz: '88 (COS) is a data warehouse engineer for Blue State Solutions, Albany, N.Y.
Erich Kast: '83, '88 (COS) is a tristate account executive for PNC Bank, Pittsburgh, Pa. He recently served as an elected treasurer for the Pennsylvania chapter of Steel Help for Steel Housing People.
Jacqueline Latini: '85 (COS) is an inside sales manager for Dike Graphics, Livonia, Mich.
Michelle McCalland: '88 (COS) is an engineer for Xerox Corp., Rochester.
Eric Messers'85 (COS) is a senior information security specialist at Deloitte, Wilmington, Del.
Richard Miller: '83 (COS), '84 (GAP) is the manager of the Warren Metro System, Waukesha, Wis.
Menos Craig: '88 (COS) is a senior packaging engineer for Kellogg.
Michelle Donohue: '88 (GAP) is an environmental specialist for the Philadelphia Inquirer.
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Richard Miller: '83 (COS), '84 (GAP) is the manager of the Warren Metro System, Waukesha, Wis.
Menos Craig: '88 (COS) is a senior packaging engineer for Kellogg.
Christopher Smith ’88 (COLA) is an associate in the Business Litigation and Insurance Department for Damon & Merkley LLP, Buffalo, N.Y.

William Spath ’88 (COLA) is a police sergeant for the Rochester Police Department.

Terry Stamlush-Know ’88 (COLA) has been promoted to vice president for communications and administration at the Albany-based Commission on Independent Colleges and Universities (CUNY). She joined CUNY in 1992 and has served as director of communications since 1994.

1989 Christian Brothers Academy

Eddie Ashley SVP ’84, ’86, ’89 (NTID) is a group leader for Pfizer Inc., Fairport, N.Y.

Glenn Bellem ’89 (EKA) presented a solo exhibition of her recent pastel paintings, “Landscape and the Light II” at the Dean’s Gallery in the College of Imaging Arts and Sciences, RIT.

Susan Jones Elias SVP ’84, ’86, ’89 (NTID) and husband Jim welcomed a daughter, Rebecca, on April 5, 2002. She joins sister Katie.

C. David Evans ’89 (CAST) is a systems analyst for NCR Corp., Berkeley Heights, N.J.

Frank Gianno SVP ’85, ’88, ’89 (NTID) is a senior claims specialist for Fireman’s Fund Insurance Co., Miami, Fla.

C. Harrett ’89 (COB) is a loan officer for Fleetwood Financial, Middletown, N.Y.

Helen Klimeck-Jones ’87, ’89 (COB) is a scrub technician for Ortho Clinical Diagnostics, Rochester.

Michael Livi ’89 (GAP) is a freelance lighting designer for film & television production, Orlando, Fla.

Michael Miklos ’89 (COB) is a facilities manager for Kelberman Robotics Corp., Ithaca, N.Y.

Christopher Sheridan ’89 (CAST) was co-recipient of the Douglas Zahnz Memorial Award presented by the American Public Works Association in January 2003, Rochester N.Y.

Michael Vundosoten SVP ’86, ’89 (NTID) has completed group training classes offered by the Housing Works Inc. to be a peer outreach educator. He works at Keill’s Department Stores.

1990 Ithaca High School

Brenda Burnell ’90 (CAST) is a software designer and developer for Oracle Systems, Boulder, Colo.

Martin Casa SVP ’87, ’90 (NTID) and wife Jill (Willett) Casa SVP ’87, ’91 (NTID) welcomed a daughter, Kiley Marian, on Dec. 20, 2002. She joins big brothers Norman, 2 and Raymond, 7.

Rob Jacobs finds insights in blindness

“It’s not what happens to us that’s important,” says Rob Jacobs. “It’s how we deal with it.”

The 1981 graduate of the School of Fine and Applied Arts lives that philosophy every day. To summarize: In 1995 Jacobs lost his sight and with it, his successful career and lifelong identity as an artist. He writes about his experiences in a book that he hopes marks the beginning of a career in another creative field.

Jacobs tends to view life in terms of opportunities rather than problems. “I’ve always been in the right place at the right time,” he says. When he was at RIT, faculty member James Ver Hauge was just beginning the course that would eventually blossom into the computer graphics design program. Jacobs embraced the concept.

“There’s a technical side to me,” he explains. “I could see this was really where things were heading.”

His RIT degree and undergraduate experience landed him a job in Boston as a production artist with Geographics. Two years later, he was recruited by Boos, Allen and Hamilton, an international strategic management and technology consulting firm. His job involved setting up automated systems for graphics shops at Department of Defense sites, and eventually, for commercial clients as well.

“Here I was a sighted person, an artist, making systems for managers to use computers by interacting with graphical screens. Then the irony is that I lose my eyesight.”

It came out of the blue. He contracted a virus that brought on total blindness in 1995, at age 37. Nor was that his only encounter with tragedy. In 1997, Jacobs had lost his partner to AIDS. A few years after going blind, Jacobs fought a bout with cancer.

“It seemed like one thing after another. Awful things. Even my beloved dog died,” he says. “As if I needed more material to write about.”

His published writing began in 2003 in Key West, where Jacobs now spends winters.

“I started doing a column for a local newspaper, writing about a vast array of issues from my unusual perspective.” The book, Songs of the Blind Snowbird (Jay Street Publishers), is a compilation of his columns plus related narratives and background stories.

Jacobs comments that although no one would choose to become blind, “we are fortunate to live in an age when technology provides the disabled with tools to assist in the tasks of daily living.” Software called Job Access with Speech (JAWS) by Freedom Scientific can convert text and graphics appearing on a computer screen into synthetic speech, which makes it possible for Jacobs to hear whatever is displayed. He, in turn, interacts via the keyboard (no mouse).

Much more is possible. Jacobs believes – if the public demands it. He’d like to be a part of helping to make people more aware.

“There’s not a person who doesn’t encounter some of life’s obstacles,” he says. “This is America, a diverse society. Let’s break down all the barriers. That’s what my book is truly all about.”

For more information, visit his Web site at www.robertmichaeljacobs.com.
Nematia Kapey Owens ’91 (KCGG) and husband, Sean, welcomed a son, Untre Anand, on Dec. 20, 2002.

Fernando Sanchez ’93 (COB) is a senior data warehousing specialist for CGI Solutions Inc., New Windsor, N.Y.

Dona Sterlerize ’93 (CE) is a staff assistant in the School of Photography, Arts and Sciences at RIT.

Brenn Stamno ’92, ’93 (KCGG) is the director of product research for EDT Inc., Sarasota, Fla.

Janet Hikok Taylor ’91 (EAS) is a systems librarian for Harvard University, Cambridge, Mass.

Beth Toby Hughes ’93 (GAP) and husband, Ronald G. Hughes ’93 (ICAS) welcomed a son, Jack Martin, on Dec. 1, 2002. Her young brother Aiden Road was born Jan. 22, 2001.

Elizabeth Weinert ’93 (EAA) was married in July 1998 and bought a house in a suburb of Portland, Maine. They welcomed a son in August 2003. She rescued another bachelor-for-a-degree as a registered nurse. She is continuing on to graduate school to be a psychiatric nurse practitioner.

Raymond Wolpert ’93 (KCGG) is vice president of operations for Union Connector Co., West Babylon, N.Y.

1994 season 2004
Nellie Alvaraz ’94 (CLAS) is a photographer teacher for South Portland (Maine) High School.

Patricia Carney Carney ’94 (COB) is a laboratory technician for National Cancer-Fredrick, Frederick, Md.

Kevin Chass ’94 (CAST) is director of building services on grounds for the State University of New York at Fredonia (NY).

Jeremy Conklin ’94 (COB) completed his master’s degree in public health in spring of 2003. In the spring of 2002, he was awarded an Air Force Health Promotion Scholarship to attend medical school. He is currently a student physician for the U.S. Air Force, Wright-Patterson AFB, Ohio.

Keri Lamberti Darling ’94 (CLAS) is a director for the Dead Victims Advocacy Services, South Bay, Va. She and her husband, Todd, welcomed a son, Jake William, on Nov. 23, 2002. Her twin girls, Malina, 7.

Kimberly Demaree ’94 (COLA) is a deputy sheriff for the Monroe County Sheriff’s Department, Rochester.


Alfred Fox ’94 (COB) is a comptroller for Cingular Wireless, N.J.

John Franko SVG ’89, ’94 (COB) is a senior database manager for Global Care Solutions 2000, Bangkok, Thailand.

Jarrod Hald ‘94 (COB) received a Ph.D. in December 2001. He lectures with the faculty of international relations at the University of Economics in Prague, specializing in international business and international marketing in the context of Central and Eastern Europe. He also acts as a corporate consultant and tutor for foreign companies doing business in Central Europe; Eastern Europe and European Union.

Patrick Hardesty ’94 (CAST) is chief executive officer and president of F. Hardy Technologies Inc., Uniminni, N.Y.

Martin Henderson ’94 (COB) is director of marketing for Indian Motorcycle Corp., Glendry, Calif.

Kenneth Hiskinsman SVG ’94, ’96 (NYTD) was elected co-chairperson for the Community Advisory Board of the AIDS Clinical Trials Group at the University of Colorado Health Science Center: Denver, Colo.

Joseph Jirka ’92, ’94 (COB) is a research associate for Amgen, Thousand Oaks, Calif.

Patricia Synkowski Lanter ’94 (COB) and husband, Jared, welcomed a son, Alex, on Jan. 7, 2003. She works as a senior financial analyst for Sprint PCS. They live in Traverse City, Mich.

Herald Larseck ’94 (COB) married Yvonne Orzech of Orange County, Calif. On July 5, 1993. He is also a commander in the U.S. Army, AF, Germany.

Kim Lu ’94 (COB) is a principal engineer for Baxter International, Round Lake, Ill.

James McAdam ’94 (CAST) is a senior packaging engineer for DePuy (a Johnson & Johnson company), Warsaw, Ind.

Joseph Pagliaro ’94 (CAST) is a senior packaging engineer for Unilever Foodstuffs, Englewood Cliffs, N.J.

David Pietruszko ’94 (COB) is a staff systems engineer for Lockheed Martin Electronic and Surveillance Systems in Syracuse, N.Y. In May 2000, he completed his Ph.D. thesis on electronic fields in the aurora at the University of New Hampshire.

Philip Peters ’94 (COB) and wife, Yoko, welcomed a daughter, Taylor John-Bronno, on Oct. 1, 2002.

Ralph Present ’94 (CAST) is a consultant for Xeris Inc., Rochester.

Allison Prime ’94 (COB) and US sr. Adam F. Small were married on Oct. 20, 2002, in Orleans, Maine. She is employed by Vanderbuilt Black LLP in Norrisko, Va., on the immigration department.

On a visit to campus, Amy Hall ’92, right, chats with Katie Cole of RIT’s Business Leaders of Tomorrow.

Alumni Profile
Reconnecting with RIT brings rewards – and that’s not just an Alumni Relations Office slogan.

Just ask Amy Johnson Hall ’92 (industrial design). After graduation, she signed up to help revitalize alumni events in the Buffalo area. When she moved to the New York City area a few years later, she volunteered for admissions-related events and began attending alumni events. She saw old friends and made new ones – including one destined to become her life partner.

Crystal Corley ’94 (photo management) introduced Amy to a co-worker, Todd Hall. Amy and Todd married in 2000 and recently purchased a house in Wayne, N.J.

Last year, Hall was invited to become a member of the Alumni Network Board. In April, her involvement led to a truly special opportunity: Hall got the chance to spend a Friday night in RIT’s Peterson Residence Hall.

“It’s been great to reconnect, and I feel very honored to be on the board,” says Hall. “I have so much pride in RIT, like I want to try to give back, and in some small way be part of RIT’s vision for the future. Plus, I happen to love a good party, and the events are a lot of fun.”

Her residence hall deepover stemmed from her interest in students. Hall, in Rochester for an Alumni Network Board meeting, was asked to be the first speaker in a series sponsored by Business Leaders of Tomorrow, a recently formed student group. Hall, general manager of the Flexible Packaging Division of Universal Folding Box Co. Inc., talked about her career. Beginning this fall, members of Business Leaders of Tomorrow will live in a newly designated special-interest floor in the residence hall.

Hall says alumni activities have been beyond her expectations. “It’s not just about seeing the people you went to school with. It’s more about reconnecting with an important part of your life, and expanding on that. And that is so rewarding.”
Matthews Rigitano '94 (COE) was promoted to manufacturing operations director for PCC defense systems, N. Charleston.

Elleby Reburn '92 (EAA), '94 (LIA) is a financial analyst for Bloomberg, Chicago, Ill.

Kim A. Kotha '94 (CIAS) and husband, Braham, welcomed a baby boy, delivery on Jan. 1, 2001. They reside in_ability, National and Carlet Co., Venango.

Keith Scott '94 (CIAS) is a senior staff director for Cablevision, Los Angeles.

Shalom Steckelf '94 (CIAS) is a competitive intelligence officer for JetBlue/Hotel Group, New York City.

Laura Wilson '94 (COE) is an interactive marketing manager for Element K Journals, Rochester.

2003

John Andrews SV'89, '95 (CAST) is an applications developer for X10 in Henderson, Ky., N.

Jason Costner/ine '95 (CAST) is a software engineer for Eastman Kodak Co., Rochester.

Christine Chervolde '95 (COE) is an executive marketing manager for Oki America, Wilmington, Mass.

Michelle Constantine '95 (AST) is a trust operations associate for JP Morgan Chase Bank, Rochester.

Jack Degrace '95 (CIAS) is a software engineer for Cisco Systems, New York.

Brian Druce SV'81, '86 (NID), '95 (CAST) is an attorney and wife, Danielle, welcomed a baby girl, Lisa, on December 1, 2001.

Joseph Greco '96 (CIAS) is a software developer for Eastman Kodak Co., Rochester.

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2003.
Dennis Erdelt ’88 (CIAS) is a designer for Rembek, Canton, Maine.
John Flannery ’98 (COR) is a solution architect and project manager for Ciber Inc., Farmington, N.Y.
Shayne Grant ’98 (CAST) is a graphic designer for St. Joseph’s College of Main, Standish, Maine.
Shannon Haldberd ’98 (CAST) is a recruiting manager for RIT Travel Consultants, Syracuse, N.Y.
Deborah Laflamme ’98 (COH) is a channel marketing manager for Eastman Kodak Co., Rochester.
Christy Lomoscino ’98 (COLA) is a police detective for the Long Island Police Department, Lynbrook, N.Y.
Micah Modell ’98 (CAST) is an applications manager for TopCoder Software, Chatsworth, Conn.
Melissa Mortimer ’96, ’98 (COH) is an account supervisor for Krull & Breen/SMG Group, Stamford, Conn.
Jarrod Needle ’98 (CIAS) is a freelance photographer in Cincinnati, Ohio.
Kenneth Pariss ’96 (CIAS), ’98 (CIAS) is an art director for Uprise, New York City.
David Sargent ’94, ’98 (COH) is an art director for Eastman Kodak Co., Digital Camera Division, Rochester.
Randhir Sawant ’98 (COH) is a business development manager for IBSF India Limited, Bombay, India.
Maria Sebastian ’98 (CIAS) is a packaging design manager for Sippel Beverage Group, White Plains, N.Y.
Leah St. Martin ’98 (COLA) is a field research supervisor for SIENA Group Inc., Tarpony, N.Y.
James Willams ’98 (CIAS) is a prepress manager for Irma Publications Group.
Stanislav Zemyatskiyevsky ’98 (CAST) is a software engineer for Yahoo!, Sunnyvale, Calif.

1999

Robert Bedrosian VIP ’96, ’99 (NTID) and Mary L. Chandler VIP ’96, ’00 (NTID) were married on Sept. 8, 2001.
Teresa Dugan ’99 (KCOE) is a senior microprocessor product development engineer for Advanced Micro Devices, Austin, Texas.

Education in the hospitality industry at RIT dates to the founding of the Cocking School in 1892 by Captain Henry Lamb.
Today, the School of Hospitality and Service Management and has expanded to several parts of the world, including Croatia and the Dominican Republic, with more offshore links under consideration.

The school went global in 1997 with the formation of the American College of Management and Technology (ACMT) in Dubrovnik, Croatia. In May of 2003, ACMT held its fifth commencement and conferred degrees upon 320 graduates, with the nation’s deputy minister of science and technology and the mayor of Dubrovnik as well as RIT President Albert Simone and other officials participating in the ceremony.

ACMT and RIT have a unique collaboration that involves a student exchange program and an affiliated alumni chapter. Recently, the school launched an executive leader master’s program in the Dominican Republic: Guillermina Gruglia ’01, an M.S. graduate and native of Croatia, leads the RIT initiative in Santo Domingo.

A group of alumni established the Hospitality Alumni Society in 1994.
Board members are president Danielle Dockstader ’98 and ’01, vice president Andrew Fuhrman ’92, treasurer Janice Emerson ’91, secretary Lynne Perry ’94, and Alumni Relations Office representative Catherine Bement ’99.

“Being involved with the society is an ideal way for me to stay connected to the school and to RIT,” says Dockstader. “I truly enjoyed my RIT experience and I don’t want that to end.”

RIT has a lot to offer alumni, such as top-notch students for co-op jobs, networking and partnering opportunities with fellow alumni, and eager graduates ready to make a difference in their companies. “It’s important for alumni to continue building professional relationships throughout their careers and RIT offers abundant opportunities to do just that,” says Dockstader.

Each year, the society hosts activities including a student/alumni workshop, alumni panel, awards dinner, golf outing and educational seminar, and events during the National Restaurant Show and International Hotel Show. This year’s alumni panel and awards dinner take place Oct. 9 during Alumni Weekend 2003.

The Hospitality Alumni Society boasts a membership of 150 alumni and strives to accommodate the changing needs of RIT, the school, students, alumni, and industry. As the society approaches its 20th anniversary in 2004, members reflect on past achievements and prepare for the exciting journey ahead . . . to all parts of the world.

The society meets on the third Wednesday of each month at 7:30 a.m. at the RIT Inn & Conference Center, 5257 West Henrietta Road, Rochester. Interested in joining? Contact Catherine Bement at 585-475-4875 or cbeeb@rit.edu. For information, visit www.rit.edu/academics, click on College of Applied Science & Technology, then Hospitality, then Alumni.

Catherine Bement ’99 and Danielle Dockstader ’98 and ’01, member of the Alumni Network Board of Directors, soak up the culture in Dubrovnik, Croatia.

Jon Schuler ’88 and Marc Sessler ’86 attended an alumni reception hosted by Ted Barber ’84, vice president and partner at Shaw’s Crab House, during the National Restaurant Show in Chicago.

Alumni Weekend ● Oct. 9-12 ● www.rit.edu/alumniweekend
Sean Fletcher ’99 (CS) is an art director for W3 Media, Marlborough, N.J.
Ana Gonzales ’99 (CS) is an art director for Walt Disney, Glendale, Calif.
Karen Haughton ’99 (CS) and Michael Horvick ’01 (CS) were married on Oct. 12, 2002.
Jamie Hanmer ’99 (CSA) was married on March 20, 2013, to Steven Spencer. She is an EY-specific/ sub-theme abuse case manager for Deloitte
Kaye Dixon, Rochester.
Jeffrey Johnson ’99 (CSE) is an engineering consultant for B&V, Raleigh, N.C.
Kathleen Lange ’99 (CS) received three awards from the New York State Associated Press Association. These awards are presented annually to photographers, reporters and graphic artists from participating newspapers across the state. Lange won the following awards: 2002 first place in the feature photos category; 2002 first place in the photo illustration category; 2002- second place in the photo illustrations category.
Michael Laska ’99 (CS) is a test engineer for NXS Instruments, IN. Products, Rochester.
Jon Melnik ’99 (BGSE) is a software engineer for Intel, Buffalo, N.Y.
Gregory Musgrove ’97, ’99 (COB) is a strategic communications management consultant for A+ Consulting, Rochester.
Marla Pinsky ’99 (CS) is a photo journalist for The Springfield Republican, Springfield, Mass.
Joseph Ramzy ’99 (CS) is a systems consultant for Nortel Networks, Amherst, N.Y.
James Reid ’99 (CS) received the 2002 Rising Star award, presented by the Hospitality Sales and Marketing Association International (HSMAI). He is the first educator to receive this honor.
Stacy Spidel ’99 (CSA) was vice president of A+ Consulting, Rochester.
Matthew Tantale ’99 (CS) is director of international activities for Illiana College (N.Y.).
Tracy Weber ’99 (CS) received her doctorate in December 2002 from Andrews University.
2000 summer, 2005
Brett Berry ’00 (CSA) is a packaging engineer at the Master Development Corp., Rochester.
Joanna Brown ’00 (NTID) is a first and second grade teacher for the Pennsylvania School for the Deaf, Philadelphia.
Jason Burnholder ’00 (KCGS) is an applications engineer for IBM Lithography, Hilsboro, Ore.
Tara Christians ’00 (CS) and James Christians were married on June 9, 2001.

Diane Cimer ’00 (CS) is an accounts payable officer for Datorne Control, N.Y.
David Droeve ’00 (KCGS) is a research assistant for Pennsylvania State University, State College, Pa.
Aimee Gray Flannery ’00 (CS) is a software engineer for Northgate Beaudres, Rochester.
Christopher Harris ’00 (CS) is a marketing consultant for SpringWorks Group Ltd., Fairfield, N.J.
Michael Horvick ’00 (CS) was married to Karina Barberio on April 13, 2002, in Pittsburgh, Pa. They are based in Miami, Fla. (Former Director of RIT’s Newman Parish was the reference. Chris buttered ’99 (CS) was the musician, and Mark Keyser ’99 (CS) attended Hotmilk works for Sun Microsystems in Boston.
Diane Kucharzak ’00 (CS) is an image systems engineer for Eastern Kodak Co., Vienna, Va.
Dean Laury SVP ’82, ’87 (NTID), ’91, ’00 (CSA) and wife, Victoria Schrager ’94, ’88 (NTID) welcomed a son, Zachary Dean on Jan. 29, 2003.
Robert Mauerer ’99 (CS) is a software engineer for IBM Innovations, Rochester.
Stephen Moss ’00 (COB) is a graphic designer for World Media Inc., Saratoga Springs, N.Y.
Nicole Polansky ’00 (CS) was elected by the Board of Legislators to the St. Lawrence County.Potential Environmental Management Council in the fall of 2002.
Susan Sebold ’00 (CS) is a financial advisor for Morgan Stanley, Rochester.
Edward Shumashma, ’85, ’87 (CS), ’100 (CSA) is vice president of sales for Rochester Primary Care Networks, Rochester.
Matthew Singer ’99 (CS) is a news media designer for the St. John Grou, Toronto, Canada.
John Tchibis SVP ’95, ’00 (CSA) is a conflict specialist for Shane Fitzman LLP, Washington, D.C. She completed her bachelor’s degree in legal studies from the University of Maryland.
Brandon Treadwell ’00 (CS) transferred to Lehigh in April for six months after graduation, cut out work- and sold his own. He then moved to California, N.C., got a job and got promoted. He is now going to graduate school at the University of North Carolina for marketing.
Matthew Walker ’00 (CS) is a product engineer for H. Brown Medical Inc., Alton, P.R.
Patrick Ward ’97 (CS), ’10 (CSA) is an account manager for the Columbia Management Group, Boston.

Joseph Werrer ’00 (CS) is a manufacturing engineer for Soutleco Inc., Honeywell Falls, N.Y.
Eric Wiley ’99 (CSA), ’100 (COB) is a manufacturing associate for International Paper Co., Shelbyville, Ill.
2000 winter, 2004
Lisa Armstrong ’01 (CS) is a senior compliance auditor for Bausch & Lomb, Rochester.
Jen Bakker ’01 (CSA) is a data center network engineer for NTT/VERIO, Rochester.
Carolyn Cimmar ’01 (CSA) is a program director in the Cooperative Education and Career Services office at RIT.
Mira Dospal ’01 (CSA) is the deputy director for Center of Technology Transfer, Croatia.
Jeffrey Fulfich ’01 (CSA) was married to high school sweetheart, Marianne Zawacki, on July 27, 2002, in Camillus, N.Y.
Jacqueline Garde ’01 (CS) is a project manager for Kansas Petroleum, Latham, N.Y.
Jessica Gill ’01 (CSA) is a director of private dining operations for the Union League Club of Chicago.
David Glovnow ’01 (COB) is a senior financial analyst for MacSchaoc, Charlotte, N.C.
Andrew Gordon ’92 (CSA), ’101 (CS) is a senior consultant for Cap Vista, Norwood, Mass.
Neil Hickey ’01 (CSA) is a systems administrator for Belkin, Inc., Amherst, N.Y.
Bhakti Flood Isdie ’91, ’94, ’95 (CEC), ’98, ’99 (CSA) (NTID) is a teacher for Cass High School, Carteret, N.J.
Stephanie Coramian Lanyakowici ‘01 (CSA) is working on her master’s degree in genetic counseling at University of North Carolina at Greensboro. She married Nathan Lanyakowici ’92 (CSA) on Dec. 29, 2002, in Bloomfield, N.Y.
Alex Martin ’91 (CS) is an accountant and auditor for Coraggio Teizold, Bellevue, Wash.
Charmanne Mendossu SVP ’96, ’99, ’01 (NTID) is an access and education specialist for the New Mexico Commission for Deaf and Hard of Hearing Persons, Santa Fe, N.M.
Amy Montagno ’96, ’99, ’01 (NTID) is an office automation assistant for the U.S. Department of Agriculture. She received an employee award for her contribution to the agency.
Gavin Pruitt ’01 (CS) is a project manager for Marsh Inc., New York City.
Donald Smith ’01 (CSA) is a software engineer for IBM Corp., Research Triangle Park, N.C.
Michael Snoor ’01 (CSA) is a software engineer for the Naval Undersea Warfare Center, Newport, R.I.
Shannon Sutton ’01 (CSA) is a software developer for IBM Corp. in Austin, Texas. She ran the City of Roma Marathon in Italy in honor of two special people in her life who fight diabetes every day, her father and mother, both deceased.
They raised more than $5,000 to support the American Diabetes Association’s efforts in finding a cure.
Ryan Smith ’01 (CSA) is an imaging science engineer for Xerox Corp., Webster, N.Y.
Jennifer Tipton Bead ’01 (CSA) is a program director for the Youth Volunteer Corps of Greater Kansas City. Shannon Mission, Kan.
Sean True ’00, ’01 (CSA) is an account executive for Toppen Printing Group, Somerset, N.J.
Andrew Warzycki ’01 (CSA) is a photography laboratory supervisor for Eckerd Drug, Rochester.
Terri Wiesner ’01 (CSA) is a national account manager for Flint Lock Corp., Dayton, Ohio.
Shannon Winnie ’01 (CSA) is a junior account engineer for UGS Corp., Tampa, Fl.
2002 winter, 2007
Terae Antunez ’01 (CSA) is a software engineer for Xerox Corp., Webster, N.Y. His wife and father-in-law, Miguel Piaze, on April 15, 2003. She joins her husband Ryan, 22 months.
David Clark ’01 (CSA) son.
Heather Elizabeth Graham were mar- ried on July 27, 2002.
Lauren Collins ’02 (CSA) has accepted a position with J.J. Systems Technologies Inc., as a Department of Transportation contractor in Washington, D.C.
Paul Cami ’02 (CSA) is a soft- ware engineer at Communications Inc., Patterson, N.Y.
Erik Cosmane ’02 (CSA) is a civil engineer for Cooper Environmental Inc., Charlotte, N.C.
Andrea Dinejon ’02 (CSA) participated in the “Contemporary Women” group exhibition at Apex Gallery in Soho, Manhattan. She also participated in the “Spring Salon Part 2” exhibition at Lunar Gallery in New York City. She also had three exhibitions published with Book Art Press, New Art International by Jerry Sollec. 2001 edition. She will have an exhibition at A/W Art Forum in November of 2003 in Rochester.
Scott Frankel ’02 (CGS) is a net- work analyst for Projects Systems Integration, Lorton, Va.
Melinda Gruensteil ’02 (CSA) is an analysis and requirements analyst for PPSI, Inc., Webster, N.Y.

42 Alumni Weekend Oct. 9-12 www.rit.edu/alumniweekend
Mentoring program launched

Like ripples in a pond, mentoring relationships resonate far beyond the original connection.

Because his own mentors had such a positive influence on his life, Paul Brown is spearheading an effort to connect alumni volunteers with students. Brown ’84 (biomedical photographic communications) and members of the Student/Alumni Committee of the Alumni Network Board of Directors are working with RIT’s offices of Alumni Relations and Co-operative Education & Career Services.

“We hope eventually to involve a thousand students and mentors,” Brown says. The concept involves fostering one-on-one relationships between alumni and students. Career guidance could be one area of connection, but it is not intended to be the sole focus. Alumni who have been out of school three years or more are encouraged to participate. They don’t have to live in the Rochester area; mentors can keep in touch with students via e-mail and telephone. The key is a willingness to share time and experience, says Brown.

Project coordinator Michelle Magee of Co-op and Career Services explains that the past academic year was devoted to building a strong foundation. “So many alumni have been very willing to help. We want to reach out especially to those who may not have had the opportunity to be involved in other alumni volunteer programs and projects.”

At minimum, mentors give of their time and knowledge. But sometimes, lifelong bonds develop and enrich both parties in countless ways.

Brown found his first mentor, Barry Culhane, at RIT. Culhane, now executive assistant to President Albert Simone, and second-year software engineering student Jaden Bruun.

On a visit to RIT, Paul Brown ’94 (computer science) chatted with his first mentor, Barry Culhane (left), executive assistant to President Albert Simone, and second-year software engineering student Jaden Bruun.

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At minimum, mentors give of their time and knowledge. But sometimes, lifelong bonds develop and enrich both parties in countless ways.

Brown found his first mentor, Barry Culhane, at RIT. Culhane, now executive assistant to President Albert Simone, was associate vice president for student affairs when Brown became his first student ombudsman. After graduating, Brown earned a master’s degree in education from the University of Vermont and now works as an associate partner for IBM Business Consulting Services based in Philadelphia.

“Barry showed me many faces of success,” says Brown. “His professional career, his family, and his volunteer and community work. Being a role model is a big part of mentoring. But equally important are the guidance, ideas and the provision of feedback and suggestion as I chose a path forward.”

A good deal of Culhane’s work today centers on efforts to facilitate student success. He believes the mentoring program could become an important tool in those efforts.

“I’m ecstatic,” says Culhane. “We should have been doing this a long time ago.”

The Student/Alumni Committee sponsors other activities as well. For instance, 30 students participated in a dinner presentation on business and social etiquette in March. Joining Brown on the committee are: Mary Jo Savino ’90 and ’03 (hotel and resort management and interdisciplinary studies); Bryan Hensel ’00 and ’01 (biotechnology and MBA); Andy Zach ’03 (industrial engineering); Tara Locastro ’98 (MBA); Elaine O’Connell ’97 (computer science); Tracey Jarvis Gamble ’98 (professional technical communication); and Jack Whitney ’68 (business administration).

Alumni interested in learning more about the mentoring program can contact Michelle Magee at 585-475-7824 or mamage@rit.edu. Those interested in volunteering their time, talents or resources to support other projects can contact Stefania LoMunaco, assistant director, Alumni Relations, at 585-475-4930 or salarm@rit.edu.
Quilt artist honored

Michael James Ho '93 (master of fine arts, painting and printmaking) has been named the RIT Board of Trustees Chair and senior lecturer in the department of textiles, clothing and design. He will be honored at the Alumni Weekend Oct. 9-12.

James, who is not related to Robert and Ardis James, is a senior lecturer in the department of textiles, clothing and design. He has received a number of awards and has been included in National Endowment for the Arts visual artist competitions in 1978 and 1988 and a USA/Italy exchange fellowship from NEA in 1990.

He earned a bachelor of fine arts degree in painting from the University of Massachusetts at Dartmouth, which gave him an honorary doctor of fine arts degree in 1992. Recently named a fellow of the American Craft Council, James' work is included in numerous collections. His quilt titled "Rhythm/Color: Spanish Dances" was cited in Art & Antiques Magazine (March 2000) as one of the "Top Treasures of the Century."

Perkins partners

Harris "Bud" Rustisky '56, '91 (B.S. hospitality/tourism management; Philip Bloomino II '86 (business) and another partner are building and operating Perkins Restaurants in Rochester, Buffalo and Syracuse. They have opened seven units as of April 2001.

Rustisky in 1965 founded the Rochester-based Serv-Rite Food Service Corp. and is founder and president of The Greening Group. He has been a member of the RIT Board of Trustees since 1972.

Capital connections

U.S. Public Printer Bruce Gelsomo '64 (printing) has named William Turri '62 (printing) to the position of deputy public printer, second-highest position in the Government Printing Office. Turri's responsibilities include overseeing day-to-day printing, procurement and information operations.

Turri retired in 1995 after serving as president of Case-Hoyt Corp. after a distinguished career in the printing industry in Rochester. He received the 2001 RIT Outstanding Alumni Award and serves on the RIT President's Roundtable.

James, Chair of the RIT Board of Trustees, last year was appointed to lead the GPO by U.S. President George W. Bush.

Road warrior

Christopher Sheridan '84 (civil engineering technology) was a co-recipient of the Douglas Zefting Memorial Award presented by the American Public Works Association in January in Rochester. The award is presented each year to a public works official who demonstrates outstanding and meritorious achievements. Sheridan, who works in the Rochester region of the New York State Department of Transportation, was instrumental in designing a program that allows local municipalities to administer transportation projects using federal funding, a task only achievable by the state in the past.

Sheridan and a colleague have helped local governments in Wild at art

Kevin Serwacki '96 and Chuck Millace '96 (both illustration) took three leave eagles, one penguin, one racoon, one kangaroo, one ape, one badger and a bigger-than-life elephant for RIT's latest community art project, Animal Scramble.

"Chris and I went to some corporations and they sponsored us to decorate and design specific animals," Serwacki. "We came up with some unusual designs that required a lot of fiberglass alterations. For two months we worked on this 12 hours a day, seven days a week."

Their designs reveal a sense of humor: a fish called M. Bracey wears orthodontic braces; a green ape raises a torch as the Statue of Liberty; a bartending polar bear sports a tuxedo; a penguin masquerades as Godzilla.

Animal Scramble is sponsored by ESL Federal Credit Union as a fund-raiser for local charities. The animals are on display throughout the community until October, when they will be sold at auction.
Rochester and the seven surrounding counties to improve their transportation networks, working on more than $80 million worth of projects.

**Movie credits**

Jim Denault ’82 (photo illustration) talked about his work in the movie industry on a visit to campus in February. Denault began his career in Rochester with industrial video production and television commercials. After moving to New York City in 1989, he worked on independent films and became a successful director of photography.

More recently, he has been cinematographer for major films including *Boys Don’t Cry*, *The Cloakroom*, and *A Good Baby*. He also shot the pilot episode of ABC-TV’s series, *Push, Nevada*.

**Teaching at RIT**

Carl Salvaggio ’85, ’87 (imaging science) joined the faculty of the Chester F Carlson Center for Imaging Science as an associate professor last fall.

Salvaggio, who holds a Ph.D. from SUNY College of Environmental Sciences and Forestry at Syracuse University, worked with the Digital Imaging and Remote Sensing (DIRS) Laboratory at RIT from 1987 to 1994. He left RIT for Washington, D.C., working first for Hughes Aircraft and then MBJ Inc. (which became part of Veridian Corp.). Salvaggio and his wife, Nanette Guido Salvaggio ’87 (imaging and photo technology), along with Joseph Siriani ’94 (imaging science) and a fourth colleague formed a consulting company called Imagery Solutions in 1997.

Events of Sept. 11, 2001, made him think about making a change. Salvaggio was scheduled to fly to Los Angeles on American Airlines 77, the flight that was hijacked and crashed into the Pentagon. At the last minute, his trip was cancelled.

Some months later, Salvaggio told DIRS Laboratory Director John Schott that he was ready to come back to RIT.

In addition to his faculty responsibilities, he continues as president of Imagery Solutions. Nanette serves as vice president for the company and full-time consultant. The two have one son, Philip, age 11.

**White House ball**

Maj. C.J. Wallington III ’87 (business administration) coached the Army team in the little league Army-Navy tee-ball game at the White House June 22.

Wallington’s team, the Fort Belvoir “Braves,” faced the “Yankees” of Norfolk Naval Station for the one-inning game. Wallington, a team leader at Army Knowledge Online, the Army’s Intranet, is the son of C.J. Wallington Jr., professor of instructional technology at RIT. Playing in the game for the Braves was 5-year-old C.J. Wallington IV.

Players from both teams, ages 5 and 6, met the president and First Lady Laura Bush, received an autographed baseball from President Bush, toured the White House and joined in a picnic with the first family.

“I was floored when I learned our team was chosen to play,” Wallington says.

Addis Grandaal: “I always knew I’d have a son or grandson make it to the White House, but not both at once!”

**In the news**

Thomas Curley ’77 (MBA) became chief executive officer of The Associated Press in June. Curley, a vice chairman of the RIT Board of Trustees and co-chair of The Campaign for RIT, was president and publisher of USA Today from 1993 until accepting the new position. A native of Easton, Pa., he worked in numerous positions for the Gannett Co. Inc. for more than three decades, and became a senior vice president in 1998. The AP, founded in 1848, is a not-for-profit cooperative of U.S. newspapers and broadcasters with more than 15,000 media outlets around the world.

Tom Callinan ’01 (M.S., multidisciplinary studies) in December became editor and vice president/news at The Cincinnati Enquirer. Callinan had been editor of the Arizona Republic since December 2005, and previously was editor at the Rochester Democrat and Chronicle. All three papers are owned by Gannett Co. Inc., which Callinan joined in 1977. He won Gannett’s editor of the Year award in 1997.

Richard Malone ’77 (printing management) was named senior vice president and general manager for the Chicago Tribune in March. In the new role, Malone oversees key departments including circulation, finance, operations, strategic marketing and technology as well as the Internet edition, chicagotribune.com and related sites. He began his career with the Tribune in 1979.

**’Ghost’ story**

A work by Matt McKee ’94 (photography) was featured in a fund-raiser auction for Spontaneous Celebrations, a community art center in Jamaica Plain, Mass. “’Ghost’ is part of a series of works called Halloween: A Night in the Village.

Based in Boston where he operates Matthew McKee Photography, the award-winning photographer has had work published by Dana-Farber Cancer Institute, Boston University, EMC and Concord Communications. For more on his work, visit www.mckeephotography.com.

Information for Alumni Highlights may be submitted to Kathy Lindsey, University News Services, RIT, Building 86, 132 Lomb Memorial Drive, Rochester, NY 14623, or via e-mail to kldsm@rit.edu.
Monday, Sept. 1 – Sunday, Sept. 7
New student orientation, RIT campus. For information: 585-475-4888

Thursday, Sept. 4
Opening day activities: 9 a.m., President Simone’s address; 2 p.m., new student convocation. Clark gym.

Friday, Sept. 19
Performing Arts Concert Series, “Jazz From New Orleans to Chicago,” 8 p.m., Ingle Auditorium. For information: www.daviddigital.com/concert.

Thursday, Oct. 2
Dedication, “The Sentinel” sculpture by Albert Paley: 4 p.m., RIT campus (See page 2.)

Thursday, Oct. 9 – Sunday, Oct. 12
Brick City Festival and Alumni Weekend, RIT Campus. For information: www.rit.edu/alumniweekend (See pages 32-33.)

Sunday, Oct. 12
Stonehurst Capital Invitational Regatta, Genesee Valley Park, Rochester.

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In Memoriam

1929
Roy Barlett (F&F)
April 22, 2002

1930
Elizabeth Hillsman (F&F)
Oct. 19, 2002

1939
Kirk Creeper (K&COE)
March 14, 2003

1950
William Baetz (K&COE)
Oct. 20, 2002

1951
George Eberhardt (K&COE)
Aug. 25, 2002

1963
Paul Levy (GAP)
March 25, 2003

1983
Jeffrey Howland (CIS)
Feb. 1, 2003

1984
Scotti Burns (GAP)
April 12, 2003

2000
Robert Gable (CAST)
Feb. 17, 2003

Left: Crewneck sweatshirt – Gray with orange and brown sewn-on RIT letters, 80 percent cotton. S, M, L, XL, XXL $19.95. SKU 2021067

Center: Polo shirt – Black with orange left chest embroidery. 100 percent cotton. S, M, L, XL, XXL. $29.95. SKU 2015387

Right: Hooded sweatshirt – Gray with orange and brown sewn-on RIT letters, 80 percent cotton. S, M, L, XL, XXL. $50.95. SKU 2021066

Calendar

See the RIT online events calendar at www.rit.edu
Ken Reed ’71

The editors of The University Magazine sat down with Ken Reed ’71, chairman of the Alumni Network Board of Directors, to get the inside story on this dynamic group. We’ve been hearing about them for awhile now, but wanted to know who they are and what they are up to. Here’s what we learned:

The University Magazine: What is the Alumni Network Board of Directors?
Ken Reed: The Board of Directors serves as the advisory body of the RIT Alumni Network. Our primary responsibility is to provide volunteer leadership for the Office of Alumni Relations. We’re the ones who help think up the fun, exciting and educational alumni programs and activities—everything from Finger Lakes wine tours to how to create your own Web page.

TUM: Sounds great, Ken. How many of you are there?
Ken: There are about 30 of us and we’re growing—fast! We come from a wide spectrum of graduation years, geographic areas and interests, and we represent the voices of 90,000 RIT alumni. Imagine that, 90,000 people—it’s an entire city, or two!

TUM: You do what, exactly?
Ken: Board members commit talent, time and resources to RIT. Those can come in the form of professional expertise—for instance, we have members from the communications and marketing fields. We provide advice from the perspective of the group of alumni we’re representing—I personally can provide feedback from the science field and from the ’70s era—long live disco! (I didn’t really say that, did I?)

We also provide financial support. We can donate to anything we would like to and sometimes we provide some hands-on assistance with fundraising for special projects or student scholarships. Whatever we’d like!

TUM: And that helps the Alumni Network how?
Ken: We help the Alumni Relations Office identify programming or benefits and services that we think the alumni will appreciate. Sometimes it’s social chapter programming and sometimes it’s home insurance coverage and sometimes it’s involvement in RIT’s admission, co-op and career service, community service, and fundraising programs.

Bottom line? Alumni Board membership means commitment to RIT—our alma mater—and that takes many ways, shapes and forms.

TUM: What if our readers are interested in joining the board?
Ken: We’d love to have them! They can nominate themselves or a fellow classmate by contacting the Alumni Relations Office at ritalumni@rit.edu or by checking out the Web pages online at www.rit.edu/alumni and clicking on “volunteers.” There is a ton of information on the board there—including past meeting minutes and time expectations.

TUM: I’m sure the alumni population would be interested in who their representatives are, right?
Ken: Lucky for you I know them all off the top of my head and in alphabetical order! Current members are:

Paul Brown ’82, ’84 (GAP)
George Crompton Jr. ’58 (GAP)
Victor Del Rosso ’51 (ME)
Danyelle Dockhastor ’98, ’01 (CAST)
Thomas Dougherty ’79 (COB)
Nancy Fein ’76 (COS)
Tracy Gamble ’98 (COLA)
Cynthia Gray ’88, ’90, ’91 (CCE)
William Hard ’74 (COB)
James Janicki ’73 (CAST)
Amy Johnson Hall ’92 (FIA)
David Lincoln ’84 (COS)
Tara La Castro ’96 (CCE), ’98 (COB)
Douglas Matchett ’83 (NTID), ’89 (CAST)
Gary Meyer ’78 (NTID)
Donald Naylor ’61 (COB)
Brian O’Shaughnessy ’81, ’84 (COS)
Kenneth Reed ’73 (COB)
Mary Jo Savino ’80 (CAST)
Jacqueline Schortz ’83 (COLA), ’97 (CAST)
Robert Schott ’81 (CCE)
Keith Shugart ’95 (CAST)
Lynn Stendel ’88 (COB)
Robert Snyder ’56 (COS)
John Sturges ’61 (GAP)
John ‘Jack’ Whitney ’68 (COB)
Thomas Williams ’68 (CIAS)
Michael Woods ’92 (COB)
Andrew Zach ’03 (COB)

TUM: How? So how do we keep up with what you alumni are up to?
Ken: Might be helpful if you provided some space in RIT The University Magazine, don’t you think?

TUM: Great idea! We’ll make sure to save some space in every issue. We’ll call it the “Board Bulletin” column!
What’s new with you?

Do you have some news for the expanded alumni "Class Notes" section?

Have you changed jobs, received a promotion, started a company?

Written a book? Received an award?

Exhibited your work in an art show?

Married, had a child?

We’d like to share the stories of your accomplishments in a future issue of the magazine. Photos are welcome, too. You can submit information for the “Class Notes” section online at www.alumniconnections.com/RIT.

Or, you can complete the following form and mail it to:

Office of Alumni Relations
Rochester Institute of Technology
Crossroads Building
41 Lomb Memorial Drive
Rochester, NY 14623-5603

Do you have some news for the expanded alumni “Class Notes” section?

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* not for publication in University Magazine
First-year students entering National Technical Institute for the Deaf at RIT participate in an orientation called Summer Vestibule Program (SVP). Students tend to form long-lasting friendships during this initial exposure to college life. Mark King ’85 (biomedical photography) went through his own SVP in 1979, and shot these photos during the 1984 program. At top are Fred Beam and an unknown companion; the photo below catches a moment during a water balloon toss.

If you would like to share additional memories of this event, or have other photos or ideas for the ‘Archives’ page, please write to Kathy Lindsey, University News Services, Rochester Institute of Technology, 132 Lomb Memorial Drive – Bldg. #6, Rochester, NY 14623. E-mail can be sent to umagwww@rit.edu.