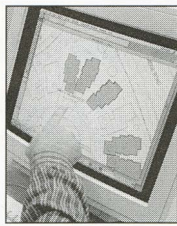
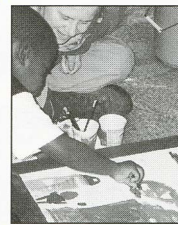


3 RIT joins forces for successful partnership



4 NTID unveils new program



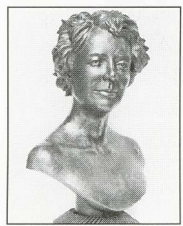
5 RIT artists team up with youngsters



7 Cross-disciplinary program profile

Gleason Building showcases \$15 million renovations

"The creation of an idea—it's what engineering is all about," says Harvey Palmer, dean of the Kate Gleason College of Engineering, intimating that art and engineering aren't antithetical as some may believe. "I always thought of engineering as being an art form."



That point comes through clearly in improvements to the college's home, the James E. Gleason Building, which underwent a just-completed 18-month, \$15 million renovation and expansion project that combines aesthetic enhancements with cutting-edge instruction and learning tools.

"We're changing the way we teach," Palmer says of technological upgrades that include state-of-the-art classrooms, labs and conference rooms. "We've set a new standard—created an improved learning environment—for engineering education through this endeavor."

Along with high-tech advances, the new standard incorporates aesthetic and socialization components, another goal of the

project. Results are highlighted at 3 p.m. today, Nov. 9, in a ribbon-cutting ceremony celebrating this unique blend.

First-time visitors to the building get an early hint of accomplishments at the building's revamped north entrance, which boasts new landscaping and a circular-patterned brick walkway.

Once inside, guests marvel at a hand-crafted bronze bust of Kate Gleason atop a marble pedestal. Created by artist Don Sottile in a 250-hour painstaking process called "lost wax bronze casting," the bust is representative of what Kate Gleason might have looked like as a young, professional woman, since no photographs of her from that time in her life are available.

"She was young when she was doing these things," Sottile says of Gleason's professional accomplishments. "I was trying to give a sense of her youthful spirit. I hope the piece can be an inspiration to young people in general, but especially young women."

Nearby is another of the building's showpiece enhancements, the Gordon Atrium. A bright, spacious area connecting the Gleason Building with the Center for Microelectronic and Computer Engineering, the atrium features reception space,



An early 20th-century chandelier, shown above, hangs in the Gordon Atrium.

skylights and an early 20th-century chandelier, a gift from the Gleason family.

The art-deco chandelier, originally made by and hung at Gleason Corp. in Rochester, just underwent a \$20,000 facelift by Artemus Lighting of Cleveland that included disassembling, cleaning and replacing each gear, stripping and refinishing metal, and replacing glass. "It's a treasure," says David Babin of Artemus about the chandelier, which has a dozen 70-watt light bulbs shining brightly.

The atrium is named for Lucius and Marie Gordon and Virginia deV. Gordon. Lucius Gordon is an RIT trustee emeritus and retired chairman of Mixing Equipment Co. Inc.

Adjacent to the atrium are two new state-of-the-art conference facilities. Xerox Auditorium features two-way videoconferencing capabilities with three sites, wireless micro-

phones, cameras that track speakers as they move, language interpretation resources and Internet hook-ups. Xerox Corp. helped fund the auditorium, which seats 125.

A smaller executive conference room, named for engineering alumni, features a blend of high-tech wizardry with an artist's handiwork—an intricately carved cherry and wenge conference table, made by Bill Keyser, professor emeritus of RIT's School for American Crafts.

Other enhancements to the 32-year-old structure include:

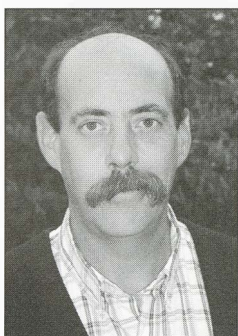
- Erdle Commons, a new area for students to study and gather socially, named for Jack and Norma Erdle. Jack Erdle is chairman and founder of Henrietta-based Eldre Corp;

Continued on page 3

Annual recognition awards honor outstanding RIT staffers

RIT's fourth annual Staff Recognition Awards ceremony, held Oct. 20, honored three individuals and a team for their outstanding work above and beyond normal job responsibilities.

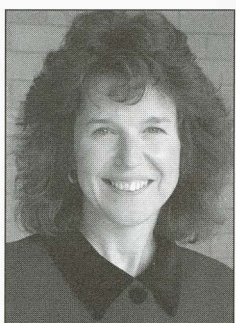
In a formal presentation ceremony in Ingle Auditorium, Student Alumni Union, Dave Edborg, chair of Staff Council, along with President Albert Simone and RIT Trustee Dancy Duffus, honored winners David Hathaway, Kim Shearer, Julie White and the CAST Building Design and Construction Team.



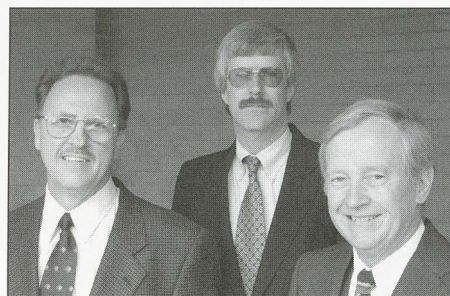
David Hathaway won for Excellence in Satisfying Customers.

"It is truly an honor to be nominated and recognized by your peers," said Edborg in his opening remarks. "Your contributions have had a major impact on the university, its goals and its students. You are role models to us all."

"Staff is the glue that holds this campus together," said Simone. "When things run as smoothly as they do, sometimes staff are taken for granted. When Staff Council was formed nearly eight years ago, it was developed with the strategic plan in mind. Even these awards and criteria reflect RIT's strategic plan. I couldn't be happier with the staff that we



Kim Shearer won for Excellence in Increasing Work Productivity.



The CAST Building Design and Construction Team won for Excellence in Satisfying Customers: left to right, Rich Drury, Dave Harris, Scott Lawson and John Stratton (missing from photo).

have here at RIT."

Edborg commended this year's 80 staff nominees and thanked the Staff Recognition Awards Selection Committee for completing its "very difficult, almost impossible task."

The winners are:

David Hathaway, winner of the individual award for Excellence in Satisfying Customers, is "an individual who has customer satisfaction embedded in his personality; a true representation of what customer satisfaction is all about," said Edborg.

Operations manager for the Kate Gleason College of Engineering, Hathaway has transformed the machine shop from a traditional machine shop to a facility where motivated students bring their ideas into reality. Recently, Hathaway has been instrumental in the Gleason Building renovation project



Julie White won for Outstanding Citizenship within the RIT Community

Continued on page 5

Alliance awarded \$600K NSF grant

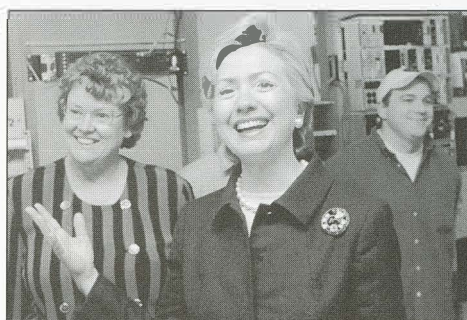
Aimed at generating economic success in western New York state, the newly formed Upstate Alliance for Innovation has won a National Science Foundation grant of \$600,000 for a two-year project to strengthen entrepreneurial efforts in the region.

Parlaying its technological expertise into new areas of research, the Alliance is comprised of RIT, University at Buffalo, University of Rochester, mayors' offices in Rochester and Buffalo, High Technology of Rochester (HTR), the Western New York Technology Development Center (TDC), and IPcom, Inc.

The universities will lend expertise and track records in technology development; the mayors will provide leadership in the communities; the state's agencies (HTR and TDC) will connect to technology incubators and the private sector; and startup company IPcom, housed at HTR's technology

Continued on page 4

Senate campaign brings Clinton to RIT



WE'RE MOVING FROM A SMOKESTACK ECONOMY TO A CYBERSTACK ECONOMY... First Lady Hillary Rodham Clinton stressed strengthening New York state through growth in high-tech arenas during a visit to RIT on Nov. 2. Speaking to more than 1,500 students and other listeners, the senatorial candidate for New York praised RIT as a "world-class, world-famous institution," citing programs such as telecommunications and information technology, as well as the National Technical Institute for the Deaf. "The innovations that are transforming our economy are right here at RIT—you are on the cutting edge of seeing our future... We have to look to Rochester to be the capital for the new economy," Clinton, who first toured the new telecommunications lab with Carol Richardson (photo top left), also noted RIT's co-op program as a reason for companies to remain and move to the Rochester region.

RIT salutes employee stability and length of service

A packed audience filled RIT's Fireside Lounge for the annual Length of Service ceremony, Oct. 24, honoring the dedication and longevity of Institute employees. RIT President Albert Simone addressed the crowd who came to salute and celebrate those employees heralded for five, 10, 15, 20, 25, 30 and 35 years of service to the Institute.

Following the length-of-service campus reception, the 25-, 30- and 35-year employees went to a lunch at Liberty Hill, the president's home. The 25-year employees received prints by artist and former RIT professor Eric Bellman; the 30-year employees received plaques; and the 35-year employees received \$100 gift certificates to Gallery 1, RIT's Park Avenue art-students' venue.



Pictured here, from left to right, are the 25-year employees with President Simone: front row, Ilse Falkenstein, Lucille Russo, William Clymer, Simone, Chuck Dispenza, Raman Unnikrishnan, Louis Woolever. Second row: Barb Holcomb, Mary Lou Basile, John Panara, Lee Jennejohn, John Denome, John Murley, Judy Egelston-Dodd, Dawn Murley, and Cheryl Phillips. Back row: Rick Auburn, George Georgantas, Gerald Argetsinger, Larry Quinsland, William Springer, Bob Chung, Paul Taylor.

35 years

Frank Argento, Katherine Carcaci, Joseph Noga, John Paliouras, James Runyon, Emery Schneider

30 years

Louis Andolino, James Bingham Sr., Jane Bolduc, Beverly Denard, Andrew DuBrin, Constantino Dumangane Sr., David Farnsworth, James Fleming, Lynn Fuller, Linda Groves, Sarah Haberbusch, Rebecca Hill, T. Alan Hurwitz, Morton Isaacs, Jacquelyn Kelly, Glenn Kist, Harry Lang, Hoyoung Lee, Kenneth Nash,



Pictured here, from left to right, are the 30-year employees with President Simone: front row, Constantino Dumangane, Linda Groves, Simone, Carole Sack, Beverly Denard. In the second row, Glenn Kist, T. Alan Hurwitz, Sarah Haberbusch, Jane Bolduc. In the back row, James Bingham, Harry Lang, James Fleming, Mort Isaacs.

Kenneth Nelson, George O'Brecht, Mark Price, N. Richard Reeve, Harvey Rhody, Evelyn Rozanski, Carole Sack, Murli Sinha, William Stevenson

25 years

Gerald Argetsinger, Richard Auburn, Marylouise Basile, Donald Beil, Jennifer Buckley, Edgar Buffan, Robert Chung, E. William Clymer, Barry Culhane, John Denome Jr., Charles Dispenza, Sherlea Dony Judy Egelston-Dodd, Daila Eichvalds, Marilyn Enders, Henry Etlinger, Ilse Falkenstein, G. Thomas Frederick, George Georgantas, Barbara Holcomb, Frederick Hull Jr., Lee Jennejohn, Richard Leroy, John Murley, Dawn Murley, John Panara, Cheryl Phillips, Larry Quinsland, Werner Rebsamen, Laura Rogers, Lucille Russo, William Springer, William Stratton, Paul Taylor III, Antonio Toscano, Raman Unnikrishnan, Louis Woolever

20 Years

Stephen Aldersley, Peter Anderson, Shirley Baker, Gregory Barnett, Karen Beadling, Shirley Besanceney, John Biles, Joyce Bray, Marilyn Bullard, Louise Carrese, Albert Chapman, David Cohn, Emanuel Contomanolis, Jean Debuck, Janice Decker, Carolyn Dehority, Christopher Denninger, Stephen Diehl, Cecelia Dorn, Joy Duskin, Louis Gennaro, Rhona Genzel, Amitabha Ghosh, Steven Gold, Roberta Gottorff, Janet Graham,

Raymond Grosshans, Laxmi Gupta, Cheryl Herdklotz, Alvin Herdklotz Jr., Beverly Hogan, Mary Hunter, Janet Jones, Robert Kahute, Satish Kandlikar, Michael Koziol, David Krispinsky, Linda Lagree, Julie Leonardo, Gary Lessord, Janet MacLeod-Gallinger, Mary Grace Manuse, John Marciniak, Athimoottil Mathew, Edward McGee, Janice McGraw, Douglas Merrill, Carolyn Morrison, John Moultrie, Stephen Nelson, Beverly Newell, Richard Orr, Joyce Pemberton, Ronald Perry, Jeffrey Porter, Judy Pratt, Betty Quinn, James Reilly, Mary Saxe, Lawrence Scott Jr., Patricia Seidenberg, Michael Serve, Maria Shustorovich, Nancy Simonds, Kathleen Smith, Wendell Thompson, Linda Tolan, Kathy Vangeli, M. Josara Wallber, A. Sue Weisler, Eileen Wilczak, Sue Wilshaw, Theresa Wilson, James Winter, Anne Young

15 Years

Patricia Ambrogio, John Andersen, William Anilosky, Robert Bancroft, Thomas Barker, Gerald Bateman Jr., A. Kathleen Bryant, Barbara Capierso, George Celento, Barbra Cerio, Cathleen Chou, Janice Clark, Willie Collier Jr., David Conyer, Rita Dean, Susan Donovan, Jon Freckleton, Marie Freckleton, Anthony Gerardi, Patrick Graybill, Rosemary Greco, John Grieco, David Hart, Sonia Herriman, Linda Iacelli, Vincent Incardona, Janemarie Iversen, Deanna Jacobs, James Kern, Jennifer Kirkpatrick, Carolyn Kitchen, Michael Kotlarchyk, David Krohn, William Lavigne, Howard Lester, Diana Lippa, Sydney Long, Karen Marx, Gary Mauks, Barbara Miller, John Mitchell, Mary Morrison-Keyes, David Mulvihill, Ali Ogut, Bruce Oliver, Mary Ann Pearl, Barbara Pedersen, Willie Pendergrass, Kerry Phillips, Kathleen Rizzolo, Kathleen Ronnenberg, Linda Rubel, William Rudnicki, Warren Sackler, Margaret Seabrook, Rosemarie Seewagen, Martha Shippee, Evelyn Tefft, David Thelen, Joan Thomas, Carolyn Turner, Constance Walkowicz, Barbara Warth, Rena Weiss, Carol Wetzel

10 Years

Maria Aglietti, Cathleen Ashworth, John Attwell, Karen Barrows, Stephen Beach, Deborah Beardslee, Marcia Beattie, Judith Bernhart, James Bodenstedt, Maxine Bohn, Gerard Buckley, Daniel Burge, Troy Burgess, Eileen Bushnell, Gary Caton, Dale Cenzi, Nancy Chwiecko, John Coughlin, Freddie

Cox, Kevin Delasota, Catherine Dittmar, Robert Dorsey, Patricia Durr, Toby Dye, James Entwistle, Patricia Falkenstein, George Forbes, Vincent Frattle, Lorrie Frear, Tamara Gathers, Thomas Gennett, Kathryn Graham, Jennifer Gravitz, Richard Hailstone, Terri Hildreth, Mark Indelicato, Kyoko Ingalls, Valerie Ingram, Charlene Ipacs, Sarah Jacobs, David Johnston, Gary Judge, Mary Kitzel, Julie Knopf, Mary Jane Kosel, William Landers III, Leonard Leger, Karleen Long, Edward Mack, Sophia Maggelakis, Teresa Merritt, Jeannette Mitchell, Phillip Moffitt, Amanda Mothersell, Ponnathpur Mukund, Edwin Mulligan, Elaine O'Neil, David Olear, Lynne Perry, Kenneth Pettis, Donna Pickard, Roy Pierce, Dominic Pillittere, Lister Powers, Patricia Rahalewicz, John Reid, Joan Rimmeli, Wade Robison, Richard Rosett, Lynn Schaeffer, Carol Schmitz, J. Matt Searls, Richard Shearman, Daniel Shelley, Rhonda Jo Sliker, Maryjane Storms, Nathaniel Sullivan, Kitren Vanstrander, Allen Vogel, William Wadeikis, William Wadeikis, Patrick Walsh, Timothy Wells, Catherine Widlund, Hope Williams, Corey Wilson, Walter Woerheide, Theresa Yackoff, Michael Yonko, Kelly Youngblood, Patrick Zerkle,

5 Years

Christine Agrez, Mary Kay Bishop, Daniel Bogaard, Vincenzo Buonomo, Michele Cicero, Milton Cofield, Barbara Deitz, Tracey Demersman, Christopher Dunford, Debra Fromm Faria, Leslie Fitzpatrick, Franziska Frey, Martin Gordon, Mary Gravett, Douglas Heckman, Maria Helguera, Linda Hightower, Chris Jackson, Stephen Jacobs, Adrienne Jester, Bounleva Khamvilay, Roberta Klein, Robert Krzaczek, Catherine Kubitz, James Maddison, Mary Pat Magde, Mary Karol Matchett, Paul Maushart, Sean McConky, Yvonne Mettler, Thomas Moran, Judith Offen, Damita Peace, Kathryn Pedersen, Daniel Perez, Cheryl Petersen, Cynthia Podvin, Theresa Pozzi, Marilyn Princehorn, Cheryl Reminder, Juan Rivera, Lynn Skvarek, Robert Slawson, Owen Smith, Richard Spayde, Mary P. Spinelli, Sharon Stevens, James Taylor, Nancy Valentage, Jeannette Vargas, Lisa Vasaturo, Marianne Virgilio, Anne Wania, Cheryl Williams, Willie Wilson, David Yackoff, Joel Yates



Pictured here, from left to right, are the 35-year employees with President Simone: Emery Schneider, Frank Argento, Rita Capuano and Joe Noga.

Lasky Q&A examines mission of RIT's Information Technology Lab

This is another in a series of occasional interviews with leaders of RIT's First in Class Initiative, continuing with Jeffrey Lasky. We welcome reader response; e-mail comments to neusevents@rit.edu.

The Information Technology Lab is a major part of RIT's First in Class Initiative. Explain its mission.

Information technology is a key 21st century technology that's pervasive and in a continual state of advancement. The IT Lab was created to help RIT maintain its position as a leading technological university. We want to keep the RIT community informed about IT developments and give our faculty and students opportunities to work with the latest technology. In this way, our curricula stay current and our students gain advantages in the job market.

Think of the lab as being in the business of discovering, importing and exploring emerging information-technology uses and solving problems for our industrial and governmental partners.

How does the lab work?

Like other *FIC* programs, the lab forms partnerships with industry and government. A partner provides new technology and funding and asks the lab to investigate certain characteristics of the technology or identify potential new uses of the technology. The lab forms faculty/student teams—sometimes multidisciplinary—to conduct projects. It's a win-win-win situation: our partners gain insights into their own technology and meet some of our best students, faculty get attractive opportunities for professional development and student research assistants benefit from an enriched educational experience.

What disciplines at RIT will benefit from the IT Lab's activities?

I like to think the entire community will benefit. Certainly, benefits will flow to faculty and students in the core computing programs—computer engineering, computer science, information technology and software engineering.

Computing will play an important role in future programs and I anticipate the lab participating in research components of new academic programs such as the bioinformatics program being developed by the College of Science. In addition, the lab has a collaborative research relationship with the NTID research group and will participate in broader *FIC* initiatives, contributing computing expertise.

How will all of that be accomplished?

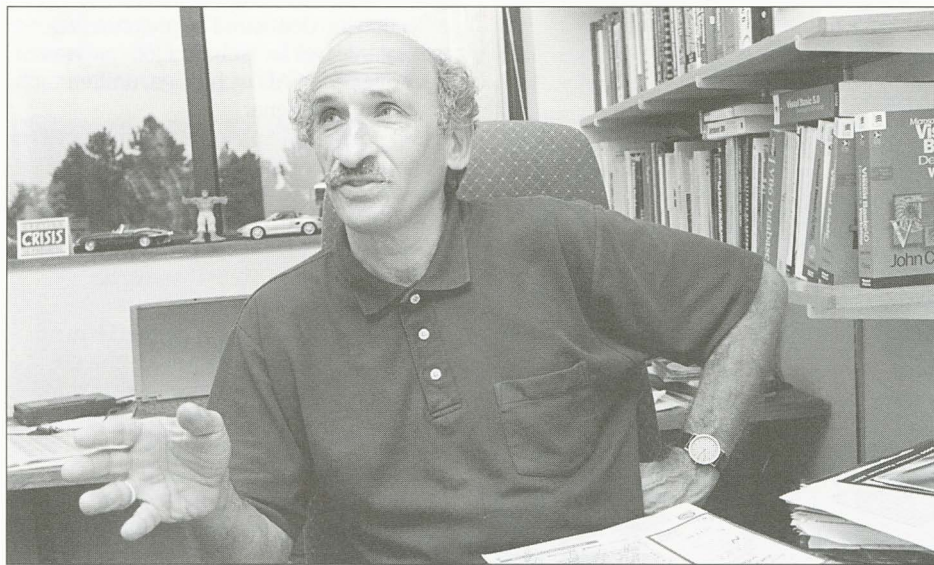
The IT Lab will have under its umbrella many specialized technical labs. A few are already in place: a consumer computing and networking lab sponsored by Cisco Systems, an Internet information-distribution lab sponsored by Sun Microsystems and a lab sponsored by Microsoft to identify ways of interfacing exercise equipment and personal computers to make exercise less boring and more enjoyable.

IBM will sponsor our next lab that will investigate new applications of network-processor technology, a new category of hardware with the potential to revolutionize how Internet routers and switches are designed and used. Planning is underway for a telecommunications lab. As more funding and equipment become available, we'll create new labs.

Where will these labs be located?

Presently all existing labs are housed in

individual departments. Thanks to the efforts of Sen. James Alesi, Senate Majority Leader Joseph Bruno and the support of industry partners including Frontier and Global Crossing, RIT was awarded a \$1.5 million grant from New York state to build a



Jeffrey Lasky, director of the IT Lab, part of RIT's First in Class Initiative

facility to house the IT Lab. We expect the 10,000-square-foot structure to be completed by next summer. Most of the specialized labs will be housed there.

Talk for a moment about information technology as a career path and more about the role of the IT Lab.

The world has been transitioning from a manual and mechanical infrastructure to an automatic and digital infrastructure. In recent years, the pace of change has accelerated and demand for IT professionals has skyrocketed. The demand for graduates in the IT field is unbounded and IT professionals are a very scarce resource here and abroad. Estimates vary, but there are between 1.5 million and 2 million unfilled IT jobs worldwide. Although these jobs tend to be high-paying positions, businesses

everywhere are concerned about recruiting and retaining IT professionals. IT is the greatest job market of all time.

RIT has one of the largest IT enrollments in the country—perhaps the largest—in computer science, software engineering,

information technology, computer engineering, computer engineering technology and telecommunications engineering technology. RIT has a large faculty and numerous well-equipped teaching labs. Even so, we continue to hire more faculty and build more space to accommodate demand from students who have grown up in the digital age. The IT Lab will keep faculty members energized and up-to-date in their fields. As the lab develops, industry will increase its support of the lab's activities.

Students majoring in computing disciplines at RIT receive a superb education, with opportunities for scholarships and research assistantships, co-op and part-time employment and exciting course-related project work. We're all going to have a lot of fun. ■

Gleason Building

(from page 1)

- Engineering Learning Center, a student-work area where faculty assistance is available;
- Wolk Lab, an electrical engineering lab named for Louis and Molly Wolk;
- Renovated Gleason Computer Center;
- "Smart" classrooms and "studio" labs wired for the Internet;
- Upgraded research infrastructure with major funding from the National Science Foundation;
- A lighted showcase prominently displaying numerous awards and trophies earned by mechanical engineering students, including Formula-SAE teams.

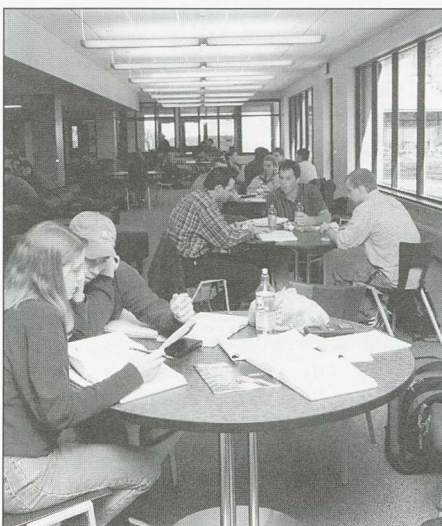
Leadership funding for the renovation project came from the Gleason Foundation, which has given RIT more than \$25 million over the years including funding for the Kate Gleason Scholarship.

The engineering college, the only one named for a woman, honors Kate Gleason, one of America's first women engineering students and the first woman elected a member of the American Society of Mechanical Engineers. She held important positions in the company her father founded, Gleason Corp., and was the first

female bank president in the United States.

The engineering building is named for James E. Gleason, a member of the RIT Board of Trustees for more than 60 years, including 20 years as chairman, until his death in 1964.

Perhaps no one more than Robert Snyder, professor of mechanical engineering, has witnessed the evolution of RIT and the engineering college. Snyder came to RIT as an undergraduate in 1951, and returned as a faculty member in 1967.



Students, shown above, study in Erdle Commons in the renovated James E. Gleason Building.

"It's a very optimistic, uplifting environment," says Snyder, adding there have always been artful touches among the bricks. The stainless steel sculpture based on the Mobius strip has stood in the academic quadrangle outside the Gleason Building for three decades.

"When you look at what engineers do, there's always an aesthetic component," Palmer says. "Engineers create things from ideas, molded by creative thought. I see that as exactly what an artist does."

And that's exactly what generations of RIT engineering students will do in the renewed environment of an RIT campus jewel, the James E. Gleason Building.

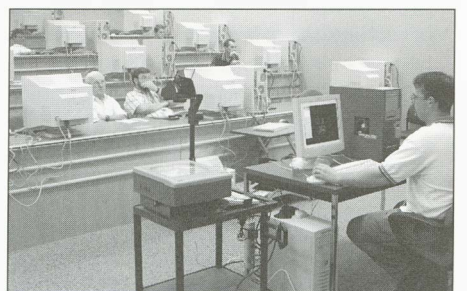
Today's ceremony, with entertainment by the RIT men's octet, Eight Beat Measure, is in the Gordon Atrium. ■

Partnership results in \$800K deal for RIT

In a unique collaboration, RIT, Eastman Kodak Co. and Unigraphics Solutions Inc. recently joined forces to provide Kodak employees with the most up-to-date technology training in product modeling. This unusual partnership is estimated to bring some \$800,000 in training revenue to RIT.

RIT is providing a cutting-edge computer classroom and project management. Unigraphics Solutions, one of the fastest growing MCAD/PDM software and services companies in the world, is delivering the software and instruction, while Kodak is sending hundreds of employees—designer/engineers and CAM programmer/manufacturing engineers—through this targeted training in Unigraphics and iMAN software.

The partnership became a reality on Sept. 8 during an open house and ribbon



Unigraphics Solutions' Rich Allaire demonstrates some of the features of Unigraphics version 17 software in RIT's new Kodak/Unigraphics Solutions computer classroom. Each Dell 220 Precision workstation has a Pentium III processor, a 21-inch monitor and a "Space Mouse"—a 3-D zoom/pan/rotation device.

cutting ceremony unveiling the new Kodak/Unigraphics computer training classroom located in RIT's Center for Integrated Manufacturing Studies.

"Each partner truly benefits from this relationship," said Kitren VanStrander, director of RIT Corporate Education and Training. "RIT is supporting the training needs of an important U.S. manufacturer, which is our primary industry outreach goal. Kodak has local access to high-quality, cost-effective training for its employees. And Unigraphics Solutions can add Rochester to its list of training centers in North America."

Craig Henry, education specialist for the Kodak Education and Development Center, worked with RIT and Unigraphics Solutions to outline Kodak's exact needs in terms of curriculum, timing and cost.

"It's almost unheard of for two well-recognized training providers to come together like RIT and Unigraphics Solutions did in response to Kodak's Request for Proposal process," said Henry. "They submitted an impressive training solution that leveraged the strengths of each organization—RIT's world-class CIMS training facility and administration team along with the outstanding courseware, e-learning and instructional staff of Unigraphics Solutions."

At the open house, potential students got a quick look at the software and the classroom's new super-fast computers. Attendees also toured the CIMS facility to see its five manufacturing bays and 21 specialized technology-based laboratories. The program, which includes some 300 days of training, will run through December 2001. ■

Ralph Nader speaks Dec. 7

Green Party candidate and consumer-rights activist Ralph Nader will visit RIT Thursday, Dec. 7, as part of the Caroline Werner Gannett Lecture Series. He will present "Democracy and Big Business" at 7:30 p.m. in Ingle Auditorium, Student Alumni Union.

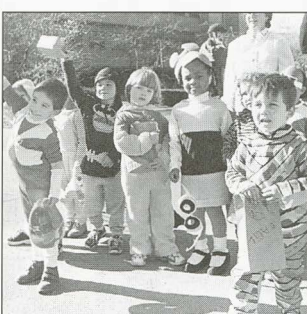
Nader is the author of numerous best-selling books, including *Unsafe at any Speed* and, more recently, *Why Women Pay More* and *No Contest: Corporate Lawyers and the Perversion of Justice in America*.

The event is free and open to the public. For more information, call 5-2929.



WHO YOU GONNA CALL? ... RIT's Division of Student Affairs celebrated Halloween during their annual party Oct. 31. Prizes were awarded for best costume and best team skit. One of the winners, the First Year Enrichment team, dressed as Ghostbusters, or "Transition" Busters, and performed during the skit portion of the event. Shown here, from left to right are, Lynn Mazzadorian, Michelle Blinn, Karen Violante and Wm. Matthew Todd.

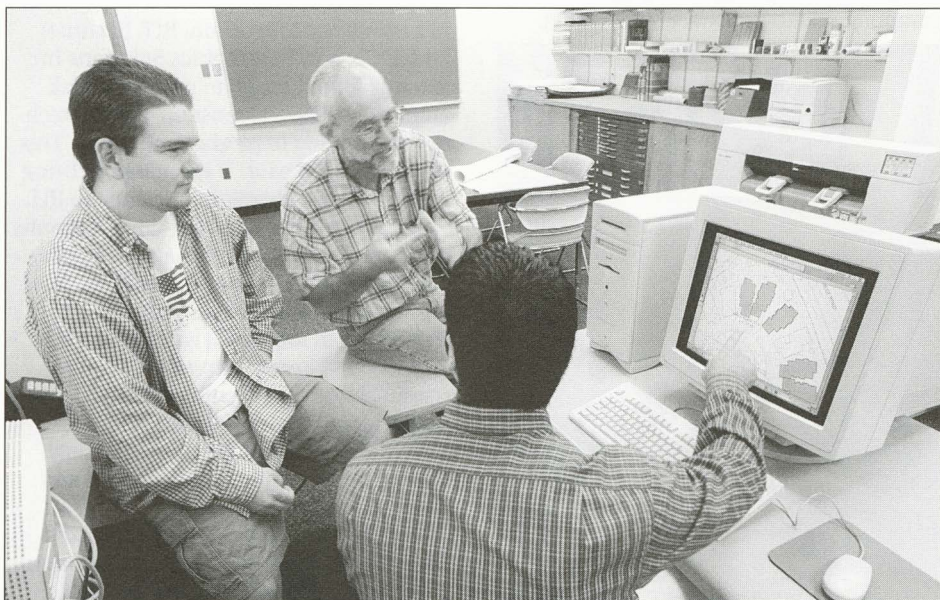
THE LITTLEST TRICK OR TREATERS ... Students from Margaret's House, RIT's on-campus daycare facility, hit the pavement asking for tricks and treats on Oct. 31. In their usual tradition, classes traveled through campus, stopping for the occasional photo opportunity, of course, and gathered goodies from staff offices and academic departments.



NTID introduces high-tech computer-aided drafting program

A new high-tech Computer Aided Drafting Technology (CADT) program began this fall at the National Technical Institute for the Deaf. According to T. Alan Hurwitz, NTID

dean, degrees will be awarded from this program at three levels: the diploma, associate in occupational studies (AOS), and associate of applied science (AAS).



NTID students, shown here, work on new computer-aided drafting computers.

The CADT program provides an opportunity for NTID students to prepare for careers in the large, growing job market for technical drafters. The CADT programs will each offer two options, architecture/engineering/construction (A/E/C) and manufacturing, reflecting job demand. The program prepares graduates for technical jobs such as CAD operator, CAD technician, drafter, detailer and designer.

A report based on 101 in-depth interviews with manufacturing and A/E/C firms indicates there is a strong job market for workers with CADT skills. It also indicates that there are entry level jobs at several skill levels.

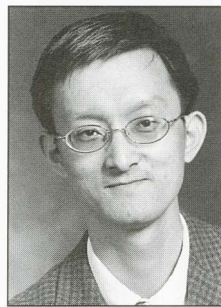
Representatives of companies that employ CAD technicians were positive about the NTID CADT programs. Many expressed difficulty in recruiting trained CAD technicians, and indicated that graduates from such programs would be employable. Employment outlook information from major industrial states including New York, Michigan and California, all predicted a strong job market for drafters due to growth and replacement.

The associate diploma programs offer opportunities for entry and completion at several levels. Students will also have the flexibility to progress from one certification level to another as their academic development allows. Graduates at all levels will find a job market for their skills.

"The program offers excellent accessibility due to its multiple entry points and projects a high rate of completion due to its multiple exit levels," says Ronald Till, associate professor and chairperson of the CADT department. "The use of common core courses within the program options along with a significant number of existing support courses allows this program to be developed and delivered very efficiently." ■

COB professor earns dissertation award

John Tu, assistant professor of management information systems, has won the 2000 Elwood S. Buffa Doctoral Dissertation Competition Award. This national competition identifies and recognizes outstanding doctoral research in the development of the theory or applications related to the decision sciences.



John Tu

"I'm especially proud because this is a prestigious award that reviews Ph.D. dissertations submitted from all business disciplines and from all over the country," says Tu. Tu joined the College of Business in July after earning

his Ph.D. from the University of Toledo. His dissertation explored the potential of producing individually customized products on a large scale, but at a cost comparable to mass-produced products.

"Professor Tu brings both to his research and to his teaching a discerning sense of rigor and relevance," states Thomas Hopkins, dean of the College of Business.

The Decision Sciences Institute presents the award annually. Albert Simone, RIT president, is one of the organization's charter members. He was instrumental in recruiting Elwood Buffa, the award's namesake, to the Institute's Board of Editors.

Tu will be recognized for his achievement at the Institute's annual meeting later this month in Orlando, Fla. ■

Trustees meet Nov. 9-10

RIT's Board of Trustees will convene at the Center for Integrated Manufacturing Studies and the James E. Gleason Building, Nov. 9-10. Agenda items include board committee reports and discussions relating to the President's Report, capital campaign, retention, quarter/semester issue, and computer/information systems status.

RIT celebrates cultural awareness

"Celebrando Nuestra Diversidad, Celebrando Nuestra Cultura" (Celebrating our Diversity, Celebrating Our Culture) was the theme of this year's quarter-long celebration for National Hispanic Heritage Month at RIT.

The plight and contributions of Hispanic Americans to the United States were honored by performances, crafts, lectures, movies and networking opportunities, among others. The RIT Hispanic Heritage Celebration culminates with a dinner/ dance starting at

5 p.m., on Saturday, Nov. 11, in the Student Alumni Union. Tickets are \$5 for students, \$10 for faculty/staff and \$15 for the general public.

The celebrations are lead by the Hispanic Heritage Committee, Hispanic and Latino students, faculty and staff along with assistance from ALANA (African American, Latino American, Native American) Cultural Affairs, the Cultural Spotlight Series, Latin American Student Association, Student Government, National Technical Institute for the Deaf, Assistant Provost for Diversity, Commission for Promoting Pluralism and College of Liberal Arts.

In addition, November marks Native American Awareness Month. RIT will celebrate with a movie screening of *Naturally Native*, the first-ever mainstream film directed by and starring Native Americans. Produced by Red Horse Productions, the film premieres for the first time in Rochester at 7 p.m., on Thursday, Nov. 9, in Ingle Auditorium, SAU, and 11:30 a.m., Friday, Nov. 10, Clark A, SAU.

For more information about any of these events, contact Mariama Boney-Padilla in the Office of ALANA Cultural Affairs, 5-6943 or mbpcst@rit.edu. ■

KEEPING RIT'S AMBULANCE RUNNING... While on campus for RIT's Faces of Change conference, Oct. 21, Sen. James Alesi stopped by the RIT ambulance corps at the Student Health Center. Alesi recently secured a \$10,000 state grant to support the activities of the RIT Ambulance program, which is staffed by RIT students under the direction of the Student Health Center.



Innovator's grant

(from page 1)

incubator, will focus on commercializing new products.

"The main outcome of the Alliance will be a region in-the-know, excited about innovation and individuals' roles in expanding the economy," says principal investigator Donald Boyd, associate provost for outreach programs and director of RIT's *First in Class Initiative*.

The Alliance focuses on the importance of growing the high-tech job base in western New York, especially in terms of intellectual property and high-tech business start-ups, he explains. "By collaborating we can combine our strengths to bring in more federal dollars."

Says Mark Coburn, director of technology transfer at UR, "The Alliance will enhance the ability of area universities to showcase our research and our capacity for innovation. Working together gives us an important advantage and could provide opportunities for a significant economic boost to the region."

Pleased at the prospect of building on Rochester's technology acumen, Deputy Mayor Jeff Carlson says, "Rochester has been the home of some significant expansion in telecommunications as well as other high-tech businesses. It only makes sense that we unite area municipalities and our compatriots in Buffalo to strengthen job growth and workforce development."

Regarding his city's role in innovator discovery and overall involvement in the Alliance, Buffalo Mayor Anthony M. Masiello says, "The Upstate Alliance for Innovation will strengthen further the city of Buffalo's continuing development of IT, and related

high-tech entrepreneurial businesses. I look forward to working with Mayor Bill Johnson and the university and private-sector partners in this exciting endeavor."

The Alliance forwards three objectives:

- Create a cohesive group of 100 innovators from all segments of the community who will become expert in the innovation process, intellectual property methods and strategies, business startup models, and community and private sector economic development resources;
- Adopt a framework for interaction among universities, their faculty and technology transfer offices, regional technologists, entrepreneurial business builders and venture funders to fabricate stronger relationships that become a permanent feature of the economic development landscape of upstate New York; and
- Pilot a model that transcends regional barriers, aligns universities, urban communities and the private sector, and incorporates effective methods that improve regional

economic development.

"Alliance innovators should be risk-takers themselves, in their research, in their teaching, and in their interactions with the private sector," states Jerry McGuire, director of technology transfer and licensing at UB Business Alliance. Students may also get funding to bring their inventions to commercialization, including prior art searches, patent applications and prototype development.

In terms of the cities, nominees will come from community incubators, county administrators and groups that serve the minority community, such as the Urban League, the Black Business Association and other special-focus business groups.

Learning new innovation processes and business models will contribute to the Alliance goal to raise invention disclosures and patent applications by 20 percent, believe the university partners. This will increase the already substantial activities at UB, UR and RIT. During the last year, faculty at the three universities disclosed 151

discoveries and inventions. Subsequently the universities applied for patents on 129 discoveries and inventions.

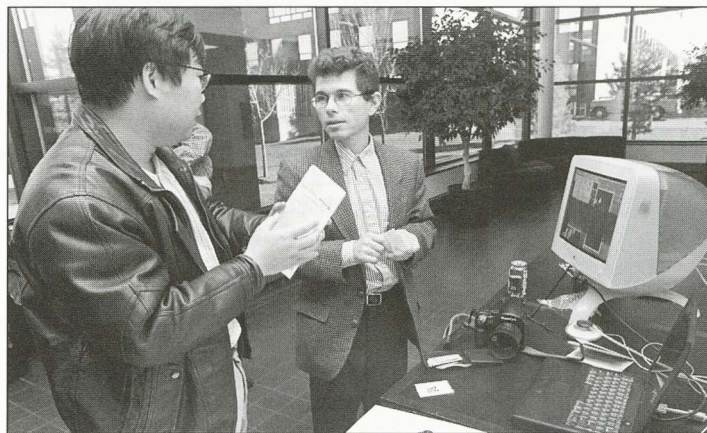
Another key Alliance goal involves creating more collaborative research between Alliance schools and small- to mid-size upstate companies. At the same time, the group expects to involve 10 to 15 percent underrepresented populations among the innovators.

Additionally, communication among the partners will allow opportunities for bundling and licensing technologies to create new firms in the region. The Alliance wants to establish 10 to 15 new companies in upstate, including spin-offs from the partners' research. High Technology of Rochester will extend its "orphan technologies" program to companies region-wide, posting them for interested entrepreneurs.

To create companies based on innovators' discoveries, the Alliance plans to found an Intrapreneurs Roundtable made up of the 100 innovators and associated organizations, forming a "cadre of technology entrepreneurs or business builders to wrap expertise and resources around inventions," explains Marjorie Zack, director of grants, contracts and intellectual property at RIT.

Other Alliance goals include creating an undergraduate class in innovation and developing "Matrices of Talent" software to encompass scientific, technological, managerial and financial expertise and resources in upstate New York.

"It's a marvelous combination of things that we have done, and have set out to do," says McGuire. The Alliance will afford more creative ways to bundle inventions and technology than any of the partners could hope to accomplish singly. ■



PICTURING THE FUTURE... Imaging professionals, faculty, and students explored "The Future of Imaging" at a conference on campus Oct. 30-31. Participants in the two-day program hosted by the College of Imaging Arts and Sciences and the National Technical Institute for the Deaf tested the latest technology and discussed the future of digital imaging with industry leaders.

Parent FYI from registrar

The Registrar's Office has a new strategy for providing information to divorced or separated parents of RIT students. A second "home address" field is now being provided in the student information system. It allows for certain Institute mailings—such as copies of grades, schedule confirmations, parents' newsletters and other home mailings—to be sent to both parents' addresses. Students can provide and maintain the second "home" address through RIT's Web site.

Golf tourney fundraiser

For the second consecutive year, RIT civil engineering technology students recently teamed with Rochester-area civil engineers and contractors on a golf tournament, raising \$300 for Flower City Habitat for Humanity, double last year's amount, and \$100 each for RIT's concrete canoe, project management and steel bridge teams. The event at Chili Country Club also afforded students networking opportunities with prospective employers, says Scott Wolcott, assistant professor.

Deaf association conference

Deaf students from around the country came together Oct. 31 through Nov. 5 in Rochester when the National Technical Institute for the Deaf hosted the 17th Biennial Junior National Association of the Deaf (Jr. NAD) National Conference. The event, also supported by Rochester School for the Deaf and St. Mary's School for the Deaf in Buffalo, featured presentations on issues relating to deaf culture, workshops, leadership training, and entertainment, including the Miss and Mr. Jr. NAD Pageant.

For more information about the Jr. NAD conference visit www.rit.edu/~jrnadwww.

Staff awards

(from page 1)

and is a voice of support for the Formula Racing Team.

The CAST Building Design and Construction Team, composed of Rich Drury, Dave Harris, Scott Lawson and John Stratton, won the team award for Excellence in Satisfying Customers. According to Edborg, the team developed a "can-do" attitude that cut the normal design-and-build time by more than 50 percent and, in doing so, provided a first-class environment in which to educate students. "Individually, each brought different strengths to the process that, in combination with the work ethic they all shared, made for a very formidable team."

Kim Shearer, assistant to the dean of CAST, won the individual award for Excellence in Increasing Work Productivity. "Kim seeks constant input from the departments in order to maintain informational flows," said Edborg. "Kim has been the driving force behind the creation of an Oracle users group and her vision to lend this vital support to all staff has been crucial to the efficient functioning and overall well-being of RIT staff and RIT as a whole."

The award for Outstanding Citizenship within the RIT Community went to Julie White, coordinator, RIT Women's Center. According to Edborg, White's achievements and interactions with faculty, students and staff have demonstrated exemplary citizenship from the first day, and "her work has also brought national attention and distinction to the Division of Student Affairs and the university as a whole."

White designed "It Takes A Village," an interactive orientation program for new students that focuses on the rights and responsibilities of entering RIT's diverse multicultural community. In addition, she has initiated and coordinated a number of new programs with several on-campus organizations. Her efforts to prevent violence against women earned a \$400,000 grant from the U.S. Department of Justice. ■

RIT students team up with young artists

It's often said that art imitates life. School leaders in Rochester's poorest neighborhood are taking a different view, hoping others will imitate the example set by some RIT artists.

Students from the graduate art education program in the School of Art recently teamed up with a group of first- and fifth-graders from the city's Enrico Fermi School

coordinator of the graduate art education program. "I contacted the principal at School No. 17 about the idea and found out he was already very active in lead poisoning awareness efforts."

A recent study at the school indicated that 41 percent of its preschool and kindergarten children experienced lead levels in their blood high enough to cause permanent

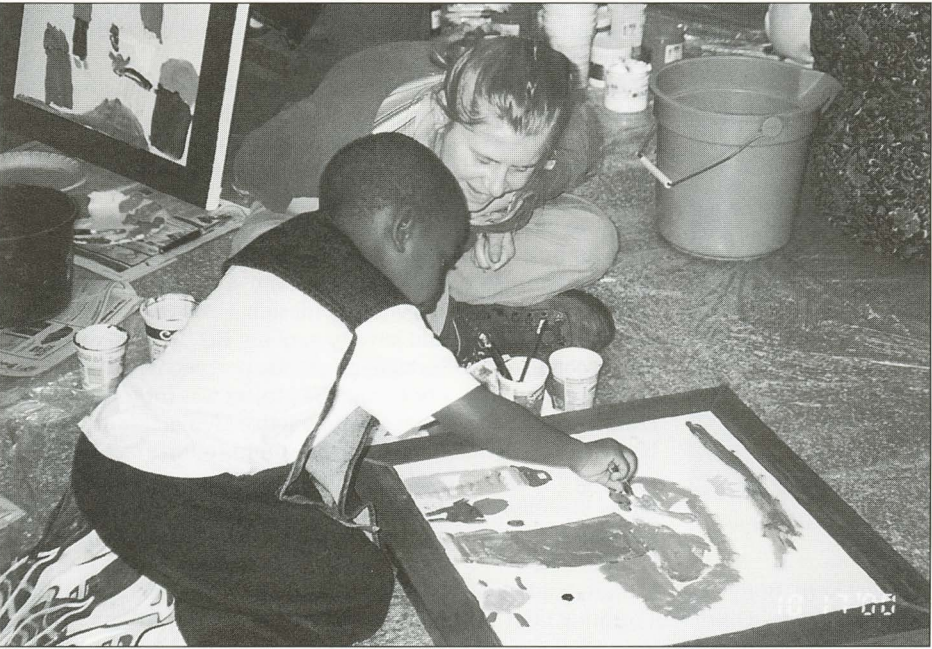
panels the youngsters painted images representing what they enjoy most about their neighborhood. The graduate students assisted their partners, ultimately providing the finishing touches that reflected a strong message about the dangers of lead poisoning. Once completed, the panels were joined together, producing two complete works and creating a "quilt of stories."

"It was amazing to see the faces of the children," reflects Ralph Spezio, School No. 17 principal. "They were just bursting with pride knowing what they helped to create. The guidance that students at RIT gave our children was wonderful."

In return, the graduate students gained a lesson that goes beyond traditional approaches to art education.

"My philosophy for the students emphasizes the importance of becoming socially aware as artists and educators," Woodlock explains. "This is not about decorating a wall. The focus here is understanding what's important in our community and finding ways to articulate this in a visual way."

The murals, initially displayed at the Rochester Museum & Science Center, are being circulated among schools, shopping centers and municipal buildings in Monroe County. ■



RIT student Susan Foster and her partner, first-grader Javon Watkins, create their part of the lead poisoning mural project.

No. 17 for a special project. Together, they created a pair of murals designed to promote awareness of lead poisoning prevention efforts.

"We were interested in getting involved with our local community and with schools in the city," says Carole Woodlock,

brain damage. State health experts say the surrounding neighborhood ranks fourth for lead toxicity in New York. The mural project became one step toward helping to correct that health problem.

To create these murals, each child was paired with an RIT student. On 2-by-2-foot

Graphic communications targets women

Today's generation of working women has leveled the playing field in many professions. As more women enjoy prominent roles in formerly male-dominated industries, a group of female RIT students is hoping to build upon that momentum.

The students are taking part in a class dedicated to women in graphic communications. Twyla Cummings, assistant professor in the School of Printing Management and Sciences, started teaching the class this fall.

"Females are still outnumbered in this area, but I came to understand that our students were anxious for a forum to learn about women in the industry," she says.

As part of their class, the students are putting together an extensive report on the state of women in graphic communications. The project features 10 profiles on women who are making their mark on the industry. The rest of their report is based on the students' own research. That included a trip to Chicago in September to attend GraphExpo, one of the largest printing expositions in the country. The event turned out to be an eye-opening experience for the group.

"A lot of the women we approached were either wives of men in the industry or models hired by the exhibitors for the day," explains Gisela Delgado.

Despite that, students were able to speak with about 30 women in the industry. Each was asked to participate in a survey that the students created.

"After speaking with a lot of the women, I got a better sense of the struggles they faced," says Delgado. "It helped me put things into perspective and let me appreciate how much easier things are for me."

Since returning to campus, the group has

been busy processing the data in order to complete its analysis. The information will be compiled in a bound report and is expected to be available for distribution in December. Their professor says it's the climax to a very rewarding challenge.

"They'll come to realize they've done some important work by creating this pool of knowledge," states Cummings. "They are entering the industry at a very opportune time."

For more information about the women in graphic communications report, contact Twyla Cummings at 5-5567 or at tjcpr@rit.edu. ■

SPMS welcomes new \$600K press

The School of Printing Management and Sciences (SPMS) is touting the arrival of some impressive new equipment. A state-of-the-art printing press and various accessories, valued at more than \$600,000, were



The new printing press will be dedicated officially during a ceremony in December.

donated to RIT and installed on campus. Featuring an eight-color converting system capable of using various inks, the equipment can analyze environmentally safe printing processes.

"The press will provide RIT students, faculty and suppliers to the flexographic industry the opportunity to learn and to research on the most advanced press equipment available," says Barry Lee, SPMS assistant professor. "The most important aspects of our research will provide environmentally clean solutions to the package-printing industry."

The donation was made by Mark Andy Inc., which has been supporting educational pursuits at SPMS for 22 years. ■

Latest RG&E calendar exhibits student work

Every month is beautiful as seen through the eyes of some RIT photographers. For the fifth consecutive year, students from the School of Photographic Arts and Sciences (SPAS) have supplied images used in a calendar produced by Rochester Gas & Electric.



The beauty of Reynold's Gully, captured by Justin Laird, appears in the 2001 RG&E calendar.

"It's a great opportunity for our students to display their talents to the community," says Steven Diehl, SPAS associate professor.

The calendars, distributed annually to neighbors of the Ginna Nuclear Power Station by RG&E, feature full-color nature photography and supply residents with emergency planning information.

The RIT students whose photos were used in the 2001 edition are Andrea McNeil, Guy Zeh, Patricia Wilder, John Williamson and Justin Laird. The students received \$100 for each of their images used. ■

New faculty advisor Web site

The registrar's office and Information Technology Services have developed a new Web-enabled system that will give faculty and staff advisors easier access to their students' records.

In order to access the system, advisors must use their DCE accounts and complete a form at the registrar's office. Once approved, the advisor can log onto the Web site using designated and personal identification numbers.

The new system allows instructors to view their quarterly teaching schedule and the status of enrollment in each section. Pull-down menus allow faculty to see their own class lists as well as all open and closed courses. By entering a student's identification number, the advisor can view the student's grades, test scores, address and grade point average.

Advisors interested in access to this new service can download a form by logging on to <http://www.rit.edu>, selecting SIS and then Faculty/Advisor.

Today's Web site designers mix technology with creativity

There was a time not so long ago when computer-programming skills were all one needed to start a Web business. Not anymore.

Today's most promising Web designers make good use of both their left and right brain hemispheres, blending tech savvy, business acumen, artistic creativity and

Sorce says. "No Web site stands alone—behind it is a business that succeeds using time-tested business practices."

In fact, Foss says he got the idea for his business from a marketing class. "The idea came to me during a discussion focusing on loyalty," he says. "That got me thinking about using marketing and loyalty together."

Foss already has 20 organizations and over 130 retailers lined up for the venture. He expects the Web site—currently "under construction"—to be open for business this winter.

Other savvy recent RIT grads who recognize the value of cross-curricular backgrounds in running a Web-based business are James O'Brien and

Michael Kern. Both received undergraduate degrees in May—O'Brien in printing management and Kern in imaging and photographic technology.

Only one person involved in their venture has a computer-related background. Others working with them have

degrees in biomedical photographic communications and graphic design.

But O'Brien says both he and Kern signed up for information technology elective courses at every opportunity. And it shows—their site, Medio.com, features "new media architecture," such as broadband, digital video and multimedia design, and offers Web site design and other unique creative services "under one roof," O'Brien says. "We bring together the worlds of art and science."

Down the information superhighway and just a few mouse clicks away, an eclectic bunch of RIT students brought their talents to a Web site highlighting a planetary alignment last spring.

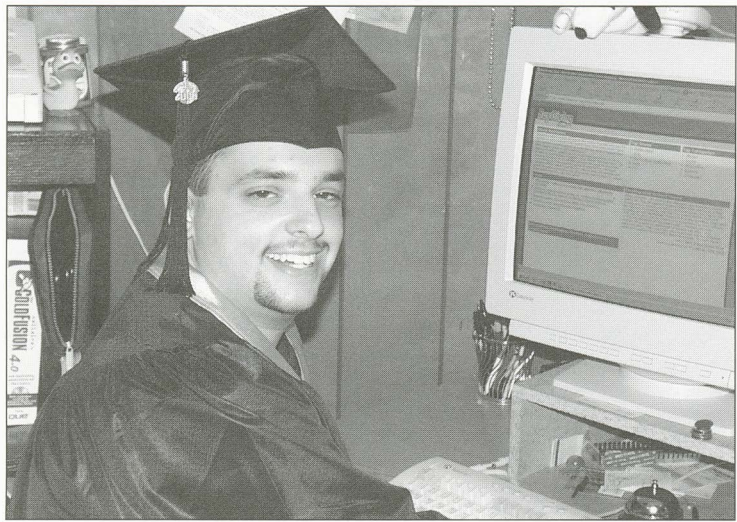
Among those working on the site for the Rochester Philharmonic Orchestra and Rochester Museum and Science Center was Adegbenga Adesida, sixth-year metal crafts and jewelry major at RIT, who no doubt brought an artistic perspective to the endeavor. The project was for the course, Topics in Interactive Media.

In another example of the blending of art and technology, a different group of RIT students made possible an Internet simulcast of a concert. In May, students in the class, Network-Based Multimedia, "streamed" a live performance by the cappella group, F'loom, on the group's Web site, floom.com.

Art, business, technology and other talents blend together today in high-tech, creative Internet ventures. Computer programmers are needed, but the best ones use a bit

of left-brain, as well as right-brain, strength.

"The most sought-after Web designers have a strong mix of creative backgrounds (for instance in art, graphic art and media communications) with technology and programming experience," says Stephen Jacobs, assistant professor of information technology. "A firm understanding of both is essential." ■



Aaron Foss, RIT information technology graduate and current business student, works on his Web business, BuyGiving.com, shortly after graduation in May.

other specialty talents. Having cross-curricular backgrounds like those of some recent RIT graduates helps them keep their sites from getting caught in the web on the crowded 'Net.

Aaron Foss is a good example. Straight from receiving his undergraduate degree in information technology in May, the Hauppauge, N.Y., native got to work on his Web business, BuyGiving.com, which lets shoppers help needy organizations through their purchases.

But Foss, working with a former high school classmate on the fledgling venture, wants to complement his information technology expertise with business know-how. This fall the 22-year-old honor student returned to RIT, but this time to pursue a business degree.

That's good advice for anyone trying to start a Web-based business, says Patricia Sorce, RIT associate dean, College of Business. "A solid grounding in standard business concepts is essential for anyone setting up a Web site for commerce, whether e-commerce or brick-and-mortar,"

RIT imaging project gets more funding

Congress recently gave a vote of confidence to a research project involving RIT imaging scientists that is designed to develop new instrumentation for the early detection of forest fires.

The recently approved VA/HUD/Independent Agencies appropriations bill for the 2000-01 federal fiscal year includes an additional \$2.5 million in NASA's budget for this research program, bringing total funding to \$5 million. RIT will work in collaboration with NASA's Regional Applications Center at Cayuga Community College (CCC), which will share in the new funding with RIT. The two partners will also collaborate with Telespazio,

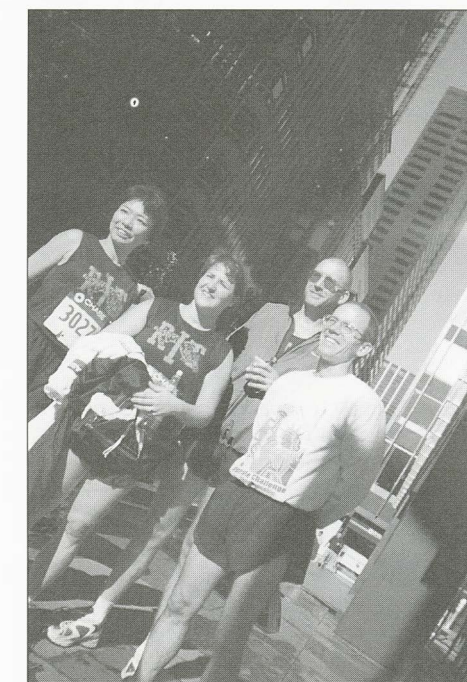
an Italian aerospace company that specializes in satellite operations and communications.

Congressman Jim Walsh of Syracuse, who chairs the VA/HUD/Independent Agencies subcommittee, and who championed the funding for this project, foresees future benefits stemming from the collaboration. "The joint project is challenging research with spin-off technology potential to help keep our young talented graduates in New York state," Walsh says.

RIT will develop requirements for the fire-detection instrument for the satellite remote sensing system during the first phase of the project known as Forest fIRE (infrared) Imaging Experimental System or FIRES.

The Cayuga team will play a key role in gathering information from firefighters around the globe and other potential users to assess the feasibility and potential for deployment of the new fire detection system. Telespazio and its Italian partners will provide expertise on spacecraft, satellite system communications and ground control systems.

The research team will launch the project with a kick-off meeting this month at RIT. ■



STANDING TALL... Members of RIT's first-ever Corporate Challenge Championship race entry smile proudly a few minutes after finishing the 3.5 mile race on Park Avenue in New York City, Oct. 7. The team placed 15th among 56 entries in the co-ed division. Over 1,000 runners participated in the event, which began and ended at the Chase World Headquarters building. RIT team members are, from left to right, Eriko Miyahara, College of Liberal Arts; Pamela Viggiani, College of Liberal Arts; Paul Smarsh, Food Service; and Anthony Vodacek, Chester F. Carlson Center for Imaging Science.

Distinguished speaker

David Falconer, professor of systems and computer engineering at Carleton University in Ottawa, will discuss wireless radio access systems, 7 p.m., Monday, Nov. 13, Xerox Auditorium, James E. Gleason Building. Falconer's talk on research into developing broadband wireless systems to provide access to telecommunications networks is part of the Distinguished Lecturer Tour sponsored by the Institute of Electronic and Electrical Engineers and the Rochester chapter of IEEE. For further information, contact Richard Bower, RIT visiting assistant professor of telecommunications engineering technology, at 5-7731.

STAFF COUNCIL REPS... Members of RIT's 2000-2001 Staff Council executive committee took office earlier this year and have already been making a difference on campus. Pictured here are, front row, from left to right, Tina Nelson, communications officer; Dave Edborg, vice chair; Kim Shearer, chair; and Kathy DeLorme, treasurer. Back row, from left to right, Bonnie Webster, Jim Watrous, Jeanette Tydings and Mani Eghbali, all executive committee members-at-large.



Eleventh annual speech contest results

Several students really stand-out when it comes to standing up in front of an audience. Each was singled out last month during RIT's 11th Annual Speech Contest. Erin Wigger, a photography student from the College of Imaging Arts and Sciences, took first place and received a cash prize of \$200. Joshua Axlerod and Andrew Quagliata, both communication students from the College of Liberal Arts, tied for second place. Each received \$125 for their efforts. The competition provides a forum for students to develop, improve and perfect their public speaking skills.

Affordable airfare deal for Alamo Big Shot

Organizers of the Alamo Big Shot are working out a plan to provide affordable airfare and lodging for this event. A chartered flight is expected to leave Rochester for San Antonio on Friday, March 9, with a return flight on Sunday, March 11. Roundtrip airfare will cost approximately \$275 per person. Lodging will run between \$100 and \$200 per night.

Students, faculty and staff are invited to take part. A deposit of \$100 is required by Friday, Dec. 1. Checks should be made out to "RIT/Big Shot" and delivered to Donna Sterlace in the Frank E. Gannett Building, room 2159. For more information, contact her at 5-2863 or dms2334@rit.edu.

RIT football makes a limited "comeback"

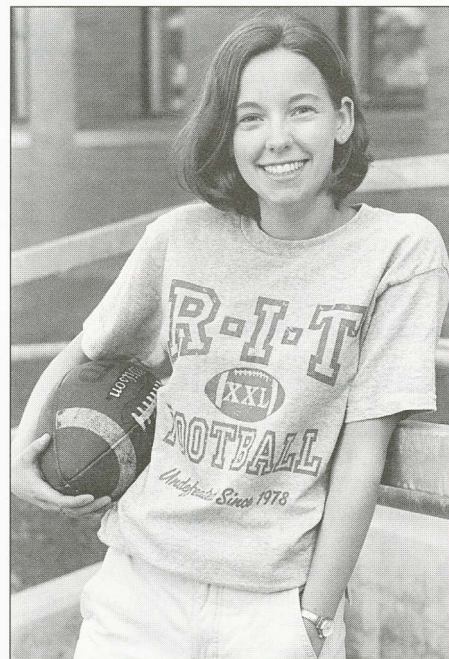
RIT's student chapter of the Institute of Industrial Engineers is selling T-shirts that

are sure to cause some quizzical looks around campus.

Rather than boastful, the shirts, emblazoned with the phrase, "RIT Football, Undeclared Since 1978," commemorate a lamentable occasion to some—the sacking of RIT's football team following a non-illustrious 0-8-1 record in the 1977-78 season. The Tigers had played eight uneventful seasons, beginning as a football club in 1970 and becoming a varsity squad a year later.

While the short-lived program produced no Namaths or Fluties, a notable "graduate" is Tom Coughlin, head coach from 1971-74 who compiled a 16-15-2 record. The Waterloo native went on to become a successful coach at Syracuse University and Boston College and in the National Football League where, since 1994, he's been head coach of the Jacksonville Jaguars.

But, back to those T-shirts, they can be purchased for \$10 by contacting iiewww@rit.edu (for more information, visit www.rit.edu/~iiewww/football_shirts/). The gray shirts are available in a choice of black or orange lettering and a variety of sizes. Proceeds will benefit travel to student conferences... and the T-shirt will never be outdated. ■



Emily Olney, third-year industrial engineering major, models a T-shirt that harkens back to the days of pigskin play at RIT. The shirts are being sold as part of a student fund-raiser.

Cross-disciplinary program specializes in tailor-made degrees

Catering to "interesting people who do interesting and different things," RIT's unique cross-disciplinary professional studies graduate program is ideal for those seeking specialized master's degrees.

The four-year-old program of RIT's Center for Multidisciplinary Studies lets professionals tailor-make degrees suited to their specific interests using a mix of already-existing graduate-level courses. It's the only program of its kind in the nation emphasizing on-campus, applied technical studies.

Linda Tolan, associate dean and interim director of the center, says one of the first questions she asks prospective students is: "What do you want to accomplish that you can't through traditional degree programs?"

Having earned at least undergraduate degrees, those students already have strong ideas about their goals. Typical of those in the program, Tolan says are working professionals studying a diverse mix of subjects in pursuit of individualized degrees to complement their work, goals and busy lives.

If the name Thomas Callinan sounds familiar it's because his name appears in every edition of the *Rochester Democrat and Chronicle*, whether or not he makes any news. Callinan, editor of the newspaper, is studying a unique blend of human resources, organizational management and printing technology for his cross-disciplinary professional studies master's degree.

In pursuit of her degree, May 2000 graduate Ki-Joo Kim studied crafts, photography processes and photo preservation. She plans to return to her native Korea with the first photo-conservation guide ever written in Korean.

Stacy Bick received an undergraduate degree in fine arts from RIT in 1999, becoming the first deaf female graduate of RIT's



Stacy Bick

film, video and animation program. She then entered the cross-disciplinary professional studies program with the goal of educating hearing employers and deaf employees about working together despite cultural and communication differences.

"To make it easier for deaf employees to integrate into the mainstreamed community, the exchange of education and awareness between both parties is vital," says Bick, who created a Web site that offers tips to employers and deaf employees.

In pursuit of her master's degree, Bick studied an eclectic mix of career and human resources, multimedia and secondary education for the deaf. She also was a teacher assistant and researcher in the applied arts and computer graphic department at the National

Technical Institute for the Deaf at RIT. Her Web site is at www.rit.edu/~sbb9885/Thesis.

Cross-disciplinary professional studies master's degrees can also be earned through distance learning, the route being taken by Marcia Goldstein, vice president for May Department Stores in southern California. She is pursuing a degree in management and human resource development.

"Going to graduate school at RIT has been

the most wonderful thing I've done for myself in a decade," Goldstein says. "It allowed me to understand how I can grow professionally with my 24 years of management experience."

The program can lead to financial rewards, as well. Skip Creveling, RIT adjunct professor of manufacturing and mechanical engineering technology, studied computer integrated manufacturing and quality and applied statistics in the cross-disciplinary program. Now consulting for Samsung in Seoul, South Korea, he says his salary as a teacher, consultant and author has more than quadrupled since he received his cross-disciplinary professional studies master's degree.



Marcia Goldstein

Creveling credits his success to being able to "architect" his degree.

"Traditional master's programs were of little interest to me," he says.

To earn the degree, students must complete a capstone and 48 credit hours in two

to three concentration areas. Tolan says emphasis is on integrating cross-disciplinary studies with real-world problem-solving skills.

The program, in RIT's College of Applied Science and Technology, has more than 100 enrolled students. To learn more, call 5-2229. ■

C-STEP awards \$100K grant for ALANA retention

In an effort to create a comprehensive system of support and move forward the goals established in the RIT Diversity Action Plan, RIT has been awarded a four-year Collegiate Science and Technology Entry Program (CSTEP) grant in the amount of \$100,000, with expected increases over the next several years, from the New York State Education Department, Bureau of Professional Career Opportunity Programs. The grant, coordinated through the Divisions of Academic Affairs and Student Affairs, will assist in increasing access, ensuring equity and promoting retention of historically underrepresented and economically disadvantaged students at RIT. These targeted ALANA students (African, Latino/a, Asian and Native American), enrolled in areas of math, science, technology and licensed professions, will have access to unique academic enrichment, student services and career opportunities.

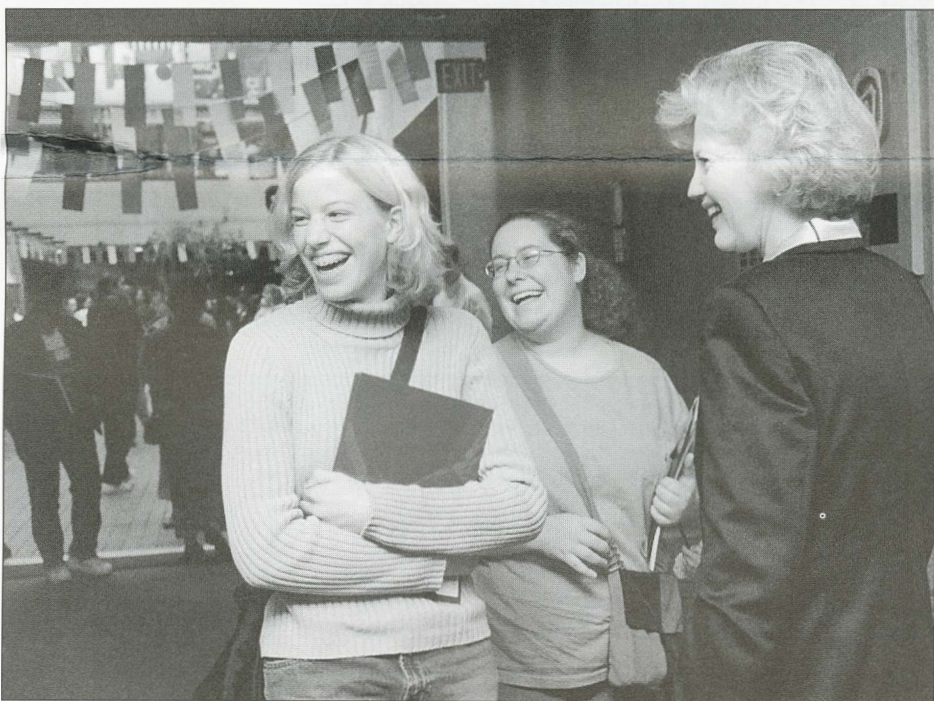
"RIT has been involved in the STEP program via the College of Engineering for several years," says Keith Jenkins, assistant provost for diversity and CSTEP project director. "However, this is the first year we've been given funds to participate in the collegiate component of the program and New York state is really excited to have us in the loop. ALANA students need this kind of support and encouragement and we're proud to be able to begin offering the programs and services that CSTEP funding can help provide."

Primary program goals will focus on enhanced recruitment, career awareness,

summer readiness, graduate school preparation and academic performance. In addition, students will participate in personal enrichment, enhanced tutorial services, mentoring, research and internship opportunities, career and professional development and community involvement activities to enhance leadership skills and civic responsibility. The RIT CSTEP project will also partner with other colleges and community organizations to achieve their mission.

During the 2000-2001 academic year, RIT will focus its efforts on 30 ALANA students enrolled in the College of Applied Science and Technology, College of Engineering and the College of Science. Students interested in participating in the program should submit an application to Mariama Boney-Padilla, CSTEP associate project director and ALANA Cultural Affairs coordinator in the Center for Student Transition and Support. Application deadline is Nov. 21.

For more information, contact Boney-Padilla at 5-6943 or mbpcst@rit.edu. ■



FACES OF CHANGE . . . Over 300 high school women attended RIT's Faces of Change conference, Oct. 21, to learn about the wide range of careers available in math, science, engineering and technology from women professionals. Above, Ann Burr, far right, a member of RIT's Board of Trustees and executive vice president for Time Warner Cable, was keynote speaker and took time out to answer questions from conference attendees.

Liberty Hill Breakfast Series

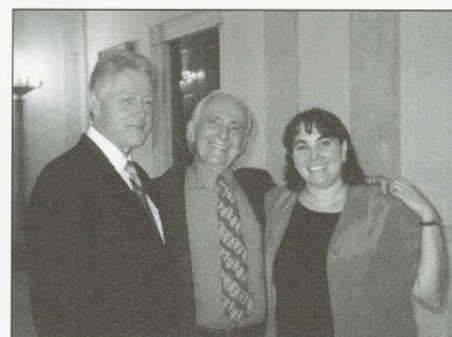
RIT's Liberty Hill Breakfast Series brings two more interesting speakers to the president's home in December.

On Tuesday, Dec. 5, Ken Greene, president of Flour City Bagels, will speak about "Corporate Agility in the 21st Century" and on Wednesday, Dec. 13, Daryl Dickson, former senior vice president of human resources at Bausch and Lomb, will address "The Role of Human Resources in the 21st Century."

The series, designed to build a sense of community through dialogue with members of the RIT and greater Rochester communities, takes place 7:15 to 8:45 a.m. and includes a continental breakfast. President Albert Simone moderates and hosts the events at his Liberty Hill home.



PRESIDENTIAL HONORS . . . Presidential medallions were awarded to Alfred "Skip" Hallenbeck, center, and Joseph Briggs from RIT President Albert Simone, far left, in a ceremony held Oct. 10 at Liberty Hill in honor of their elections as trustees emeritus. Hallenbeck, a board member since 1976, and Briggs, a board member since 1990, have served on several RIT board committees. The Presidential Medallion is given to individuals, groups or companies that have contributed something of noteworthy significance to RIT either continuously or through a single act.



WHITE HOUSE VISIT . . . Sandra Rothenberg, RIT assistant professor of management, and her father, Martin Rothenberg, enjoy a rare photo opportunity with President Bill Clinton. The pair attended a White House ceremony in August and was at the president's side as he vetoed legislation intended to repeal the estate tax. The Rothenbergs opposed the bill saying it would expand the divide between our nation's poor and the extremely wealthy. The veto later withstood an override attempt in Congress.

Donor "thank you's"

Margaret's House would like to thank RIT's United Way donors for contributing over \$9,300 to the on-campus child-care facility during this year's campaign. The funds will be used for child-care tuition assistance for RIT student families, hourly employees and low-income families who have children attending the center. Additional funding will be earmarked for family counseling services. ■

News makers

- **Marcia Birken**, professor of mathematics and statistics, College of Science, and **Anne Coon**, professor of language and literature, College of Liberal Arts, recently presented their paper, "The Pedagogical and Epistemological Uses of Analogy in Poetry and Mathematics," at the seventh annual conference of the International Society for the Study of European Ideas held in Bergen, Norway. The talk will be published in the conference proceedings.
- **Milton Cofield**, professor, College of Imaging Arts and Sciences, wrote *The Digital Imaging Pocket Glossary*. Compiled with the help of two imaging systems management students, the glossary is a compilation of digital terminology and has been translated into five languages for worldwide distribution.
- **Andrew Davidhazy**, professor, College of Imaging Arts and Sciences, presented a lecture/demonstration at the 13th Annual Science Educator's Association conference last month at the Rochester Museum and Science Center. His presentation focused on photography as an educational tool in promoting an understanding of physics concepts.
- **Francis Domoy**, chair, hospitality and service management, discussed international labor supplies for the ski industry at an annual conference for Northeastern ski-resort operators sponsored by Ski Areas of New York and the Pennsylvania Ski Area Association in Lake Placid. At the same conference, **Lynne Perry**, associate director of RIT's Office of Cooperative Education and Career Services, discussed the value of employing RIT co-op students, especially in tight labor-market conditions.
- **Irene Evans**, associate professor of biological sciences, College of Science, presented the papers, "Apoptosis Plays a Role in Neonatal Rat Eye Blood Vessel Regression" and "Regression of Hyaloid Vessels in the Vasa Hyaloidia Propria Involves Endothelial Cell Apoptosis," to the Association for Research in Vision and Ophthalmology. The papers were published in *Investigative Ophthalmology Visual Science Journal*, vols. 40 and 41, respectively.
- **David Farnsworth**, professor, College of Science, had his paper, "The Geometry of Statistics," published in the May 2000 issue of the *College Mathematics Journal*. His paper, "The Case against Histograms," was published in the autumn issue of *Teaching Statistics*, a journal of the Royal Statistical Association of Britain.
- **Marvin Gruber**, professor, College of Science, presented "The Efficiency of James Stein-Type Estimators for Linear Models for

Zellner's Balanced Loss Function" at the annual meeting of the American Statistical Association in Indianapolis. His paper, "The Efficiency of Shrinkage Estimators for Zellner's Loss and Function," was published in the conference proceedings.

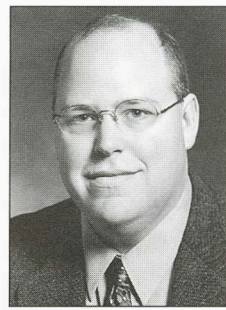
- **Stephen Jacobs**, assistant professor, information technology, writes "Future Tech," a monthly column for CNET.com. He also writes a biweekly technology section for *Cachet Magazine* at cachetmagazine.com/technology, is editor-in-chief of *GadgetBoy Gazette* at GadgetBoy.com and writes about interactive television technology for *Television2.0*, a publication of London-based Informa Media Group.
- **Bob Kaiser**, professor emeritus, College of Imaging Arts and Sciences, coordinated a photo exhibition featuring the work of former RIT faculty. "Window into the Past" appeared last month in the second-floor display area of the Frank E. Gannett Building.
- **Carl Lutzer, Darren Narayan and Eva Culakova**, assistant professors, College of Science, are among only 60 young mathematicians chosen for the Mathematical Association of America's Project New Experiences in Teaching or Next. They will participate in workshops and national meetings as guests of the MAA. **Narayan** also presented his talk, "Minimum Feedback Arc Sets of Tournaments," at the meeting of the American Mathematical Society recently held at the University of Toronto.
- **Sophia Maggelakis**, professor of mathematics and statistics, College of Science, presented her papers, "A Model of Vascularization and Metastasis of a Solid Tumor," at the International Society for Mathematical Biology meeting held at the University of Utah; and "A Model of Tissue Replacement During Epidermal Wound Healing" at the Society for Industrial and Applied Mathematics meeting held in Rio Mar, Puerto Rico.
- A contingent from RIT including six **packaging science program** faculty members and 45 students attended Pack Expo International 2000, Nov. 5-9 in Chicago. The biennial show, sponsored by Packaging Machinery Manufacturers Institute, is the largest packaging science-related event in North America, attracting 1,500 companies and 75,000 guests from 60 nations.
- **Robert Paine**, professor of chemistry, College of Science, presented the talks, "Power Labs in Chemistry at RIT" and "Innovations in Distance Learning Chemistry Courses at RIT," at the Northwestern/Rocky Mountain Regional American Chemistry Society meeting held in

Idaho. He also presented "Evolution of Distance Learning Chemistry courses at RIT" at the Biennial Conference for Chemical Education at the University of Michigan.

- **Lee Quinby**, director of the Caroline Werner Gannett Lecture Series, College of Liberal Arts, was included in the new editions of *Who's Who in America* and *Who's Who Among America's Teachers* published this fall.
- **John Schott**, director, Digital Imaging and Remote Sensing Laboratory, Chester F. Carlson Center for Imaging Science, College of Science, was named a fellow of the International Society for Optical Engineering for his achievements in quantitative remote sensing and synthetic image generation. The society recognizes Schott as a leading educator in the areas of aircraft-and-satellite remote sensing and observations, atmospheric correction and instrument calibration.
- **John Tu**, assistant professor, College of Business, is the winner of the 2000 Elwood S. Buffa Doctoral Dissertation Competition Award. His dissertation was selected from others submitted in various business disciplines from all over the country. The award will be presented at next month's Decision Sciences Institute national conference.
- **Clinton Wallington**, professor of hospitality and service management, presented an overview on RIT's course, Space Tourism Development, at the annual Space Frontier Conference, last month in Los Angeles. Offered for the first time last year, Space Tourism Development is the world's only university-level course on space tourism.
- **Julie White**, coordinator, RIT's Women's Center, has been selected to serve on the editorial advisory board of *BE* magazine, which promotes college student health, and on the advisory board of the American College Health Association/Centers for Disease Control grants to prevent HIV.
- **Michael Yacci**, associate professor, information technology, wrote the article, "Interactivity Demystified: A Structural Definition for Online Learning and Intelligent CBT," in a recent issue of *Educational Technology*. Also, he presented "A Cognitive-Affective Framework for Instructional Interactivity" at EDMEDIA 2000: The World Conference on Educational Multimedia, Hypermedia and Telecommunications in Montreal.

Sports information director named

RIT welcomes a new sports information director. Dave Caspole has been named to



Dave Caspole

the position and is responsible for all media relations related to RIT athletics.

Caspole was previously sports information director at St. Michael's College in Colchester, Vt., since 1998. Prior to that, he served in

the same capacity at Hartwick College in Oneonta, N.Y.

A native of Gardiner, Maine, Caspole graduated from Westfield State College. He received a B.A. degree in mass communications with a concentration in journalism. In 1993, he was a finalist for the National Association of College Broadcasters sports play-by-play award. ■

Toys wanted for holiday collection

The annual Toys for Tots program is collecting new, unwrapped toys to give to needy children this holiday season.

Donations may be dropped off through Wednesday, Dec. 20, at boxes located in the lobbies of the

Student Alumni Union, Wallace Library and the residence halls. The toy drive is sponsored by RIT's Student Volunteer Center and the U.S. Marine Corps Reserves.



Last year, the nationwide program collected and distributed more than 13 million toys to children during the holidays.

For more information, contact the student volunteer center at 5-7058. ■



BIOTECH LEADERS GATHER... A roundtable conference addressing the needs of the biotech industry in Western New York drew representatives from industry, government and academia to RIT Oct. 26. Douglas Merrill, shown here, head of biological sciences, and Gary Skuse, director of bioinformatics, announced the results of their workforce study, and recommended the creation of a biotech consortium and other strategies to support the growth of the biotech industry in Western New York. The study, which surveyed biotech companies, colleges and universities in the region, was made possible through the efforts of Sen. James Alesi.

Obituaries

William Burns

William Burns, former associate dean of RIT's College of Science, passed away Oct. 21 after long-standing heart-related illnesses. Burns came to RIT in 1968 as a medical technology professor and eventually became program director. He also served as head of the biology department and the clinical sciences department, now known as allied health sciences. He was promoted to associate dean and retired from that position in 1987. Contributions can be made in his name to RIT's Ellingson Scholarship Fund.

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