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2 Customized Harley chopper turns heads on campus



3 2005 Mini Baja East roars into western New York

Garden will honor NTID's first director

In recognition of his four decades of service to deaf and hard-of-hearing students, the founding director of NTID is being honored with the creation of a garden.

The Dr. D. Robert Frisina Quadrangle Garden on campus was dedicated by President Albert Simone on June 14.

"We have been wanting to honor Dr. Frisina for some time, and the 40th anniversary of the creation of NTID provided the perfect forum," says Alan Hurwitz, vice president of RIT and dean of NTID. "When discussions began about renovating our existing quad in preparation for the opening of our new CSD Student Development Center, we immediately decided that the time and place were right."

Frisina, a former dean and professor at Gallaudet University, was tapped to lead NTID in 1967 and held that position for 10 years. After serving as director of NTID, he became senior vice president for institutional advancement at RIT from 1977 to 1983 and vice president and secretary of the institute from 1983 to 1989. Frisina now heads the International Center for Hearing and Speech Research and also serves as professor of communication. *NTID garden, page 4*



Alan Hurwitz, left, and Bob Frisina unveiled on June 14 plans for new gardens that honor Frisina's service to NTID.

U.S. House earmarks \$3M for CIMS initiatives

Representatives Kuhl and Reynolds secure additional defense-related funding

RIT's Center for Integrated Manufacturing Studies is in line to receive an additional \$3 million in federal funding for its defense research program.

U.S. Reps. Randy Kuhl Jr. and Thomas Reynolds announced this month that the House Committee on Appropriations included the funds for CIMS' Systems Modernization and Sustainment program in the 2006 Defense Appropriations bill in recognition of CIMS' continued work on defense systems.

"Keeping our troops safe and finding ways to reduce the costs associated with defense equipment are the two most important goals when it comes to funding the Department of Defense," says Kuhl. "RIT has demonstrated its expertise in both areas, and these funds will go a long way toward making our most critical defense systems cost-



Jeff Heintz, CIMS senior staff engineer, left, reviews data from a recent exercise at Camp Pendleton, Calif., related to the Systems Modernization and Sustainment program.

effective and efficient."

Reynolds says: "This project is bringing needed investment into our region, providing highly skilled, high-paying jobs here at home. The military is improving its equipment and its efficiency, and our community is benefiting from having this research done here. It's a win-win situation."

Recent achievements include extending the life cycle of the Marine Corps' Light Armored Vehicle fleet, at a savings of \$42 million; the F/A-18 engine valve program, which saves the Naval Aviation Depot \$552,000 per year; and the EA-6B Prowler program, in which one project alone will likely save the Navy around \$3.25 million.

The initiative, based at the National Center for Remanufacturing and Resource Recovery, a unit of CIMS, works with the Office of Naval Research to develop technology tools for extending the life cycles of military systems. NC3R has proposed extending the program to other areas in the Defense Department.

"We are extremely pleased and gratified that we will be able to continue with our work to enhance the safety, reliability and longevity of the equipment used by the dedicated members of the military services," says RIT President Albert Simone. "This program not only helps to save lives, it also saves taxpayer dollars, develops new technology and stimulates commercial applications and economic development opportunities. We are most appreciative of the support of Congressmen Kuhl and Reynolds and their belief in the importance of RIT's contributions to our national defense preparedness."

The Senate Defense Committee will develop its recommendations later this summer. Once approved, a House-Senate conference committee will determine a final number for the RIT defense program.

Over the past eight years, CIMS has received \$21 million in previous

IT Collaboratory enhancing academics, economy

New three-story, 30,000-square-foot research center slated to open later this year

Hope for a more prosperous upstate New York economy is rising—literally—on the RIT campus.

Construction of a facility for the IT Collaboratory, an RIT-led research collaboration with University of Buffalo and Alfred University, is well underway. The three-story, 30,000-square-foot building is being built directly north of the Center for Microelectronics and Computer Engineering.

"The IT Collaboratory building will act as the focal point for research partners and house some of the key collaborating laboratories located at RIT," states Don Boyd, associate provost for outreach programs and executive director of the IT Collaboratory. "This new research center will be the hub for the collaborative work of researchers from RIT, our partner institutions and our industry and government sponsors."

The IT Collaboratory has been generating results since its creation through a \$14 million grant from the New York State Office of Science, Technology and Academic Research (NYSTAR) in 2001. Highlights include

45 research projects, more than \$25 million in research grants, 21 invention disclosures, seven patents issued and three start-up companies established.

"We at NYSTAR are very impressed with the progress the IT Collaboratory at RIT has made in stimulating new intellectual and economic opportunities," says Russell W. Bessette, M.D., executive director. "Gov. Pataki has shown leadership and foresight by creating technology development initiatives such as the STAR Centers, which are helping to foster technological innovations that will have a significant, long-term impact on the state's economy and job creation. This new facility, when completed, will be a beacon of knowledge and expertise in areas that are critical to the state's economic growth."

RIT President Albert Simone believes research opportunities within the IT Collaboratory are crucial to enhancing students' academic experiences, which has a broader impact.

"The region and the state as a whole will realize benefits as students become intrigued with the research that they

will participate in at this new center and follow that work to the companies that emerge and stay in western New York to build their careers," says Simone.

Last month, 100 scientists, sponsors and industry partners gathered on campus for a symposium to review the IT Collaboratory's research. Sessions focused on activities in microsystems, photonics, nanomaterials and remote sensing systems.

Kevin Kearney, chief technology officer for Geospatial Systems Inc., was among the presenters. His company creates applications for high-end surveillance and security systems using optical and radar sensors. The foundation was created through research at RIT, and Kearney believes the company's link with the IT Collaboratory will lead to the design and integration



Springtime saw the IT Collaboratory building begin to take shape.

of next-generation systems.

"RIT's technology has made our company's products possible, and we look to move these products farther," says Kearney.

A growing demand for Geospatial Systems' technology has allowed the company to create nearly two dozen local jobs. Simone believes that kind of success serves as a preview of what the IT Collaboratory can achieve.

"Imagine what we will be able to do once the building is up and running!"

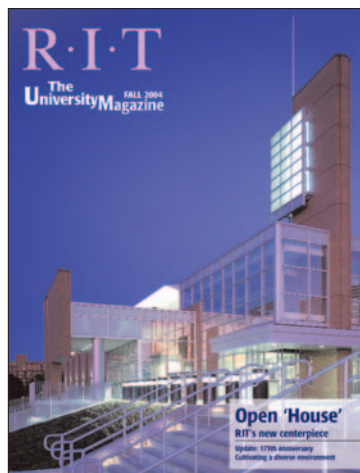
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PRism Awards recognize University News Services for crisis management

RIT: The University Magazine also honored

University News Services earned Best of Show honors for a crisis communication plan at this year's PRism Awards ceremony, sponsored by the Rochester Chapter of the Public Relations Society of America. The crisis plan was a key tool in controlling the flow of information and protecting the university's reputation for safety following last fall's robbery at Cross-roads Café & Market.

University News also took top honors in the magazine category for *RIT: The University Magazine*. In the feature-story category, a profile on President Albert Simone, titled "Transforming RIT," also earned honors. The Indianapolis chapter of PRSA judged the awards. ■



For the third consecutive year, RIT: The University Magazine took the top PRism award for best publication.

RIT joins supercomputing World Community Grid

Millions of personal computers sit idly in businesses and homes worldwide. What if each of the world's estimated 650 million PCs could be linked to focus on the most complex biological, environmental and health-related issues?

RIT is a new partner of World Community Grid, joining the IBM Corp. and a group of other universities, foundations and companies. The World Community Grid establishes an infrastructure that provides researchers with an available pool of computational power that can be used to solve problems plaguing humanity.

RIT will initially launch the project with a controlled group of com-

puters in an ITS-managed lab in Nathaniel Rochester Hall. After a pilot period, Information & Technology Services and the Information Security Office will evaluate next steps for further application on RIT-owned computers. For more details, visit <http://security.rit.edu>.

"World Community Grid provides RIT with an efficient and effective way to make a difference in solving complex problems around the globe," says RIT President Albert Simone.

Grid technology joins together many individual computers, creating a large system with massive computational power. *Supercomputing grid, page 4*

Engineering majors win \$75K EPA award

A team of RIT engineering majors won first place and \$75,000 from the U.S. Environmental Protection Agency for its design of a low-cost solar oven for use in developing countries in Latin America. The EPA's People, Prosperity and the Planet (P³) Award recognized "innovative solutions for an environmentally sustainable future." RIT's seven-member interdisciplinary team was one of seven among 65 teams and 400 students honored last month in Washington.

About two billion of the Earth's 6.4 billion inhabitants burn organic material such as wood in daily cooking, according to the RIT team, led by Emma Fulton, a fifth-year industrial and systems engineering major. The use of solar ovens for cooking and water pasteurization reduces wood consumption, deforestation, air pollution and related health problems. The RIT-produced solar oven—constructed of glass, particleboard and recycled offset printing plates—can be built at a cost of \$32.33, about

one-fourth the price of a comparable commercially made solar oven. Mass production would further lower the cost.

The EPA provided selected universities with initial funding of \$10,000 for phase one research and design. Rochester's lack of sunshine and relatively high average wind speed presented testing challenges, RIT team members say.

The RIT team consisted of five undergraduate engineering majors participating in their multidisciplinary senior design capstone project and two graduate students. Team members traveled twice to South America to gather information from potential users in rural areas and to investigate local materials and labor skill sets. They were guided by advisors Andres Carrano and Brian Thorn, professors of industrial and systems engineering in the Kate Gleason College of Engineering.

"This project helped remind me, and I think most of the people on the project, that you can use an engineer-

ing degree to really help people," Fulton says. "The ability to help people is a wonderful motivator and set us up well for a successful project."

The EPA's P³ Award, created last year, highlights "people, prosperity and the planet—the three pillars of sustainability," according to the agency. RIT students were recognized in the biology/life sciences category. Teams exhibited designs on the National Mall in Washington and awards were presented by William Wulf, president of the National Academy of Engineering, May 16-17.

"The originality and breadth of these projects demonstrates the high degree of innovation and environmental interest that exist on college campuses today," says Timothy Oppelt, acting assistant administrator for EPA's Office of Research and Development. "These young students represent the scientific leadership of tomorrow."

For more information, visit <http://es.epa.gov/ncer/p3/>.

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Forman Scholar is China bound



The new Forman Scholarship is the gateway for Steven Davis to study in the People's Republic of China. The fourth-year computer engineering student, left, was the first recipient of the scholarship, sponsored by David Reid, Benjamin Forman Chair of International Business in the College of Business. Davis received \$1,500 and is spending the summer in Beijing, studying Bagua Zhang, a Chinese martial art, Chen-style Tai Chi Chuan and traditional Chinese medicine under Grand Master Xu Shi Xi. He will also participate in Taoist meditation and philosophy at the White Cloud Monastery.

RIT customized Harley is one sweet ride

Motorcycle enthusiasts will be able to easily personalize their Harleys, thanks to the ingenuity of RIT engineering and business students.

Magnum Shielding, a Pittsford-based manufacturing company and supplier to Harley-Davidson, set the wheels in motion by sending a business proposal to be considered for a College of Business capstone project. Last fall, three consultants from the Executive MBA program agreed to spend 20 weeks analyzing company data and formulating business strategies. They completed their assessment in mid-May.

Simultaneously, a multidisciplinary senior design team of 10 students from the Kate Gleason College of Engineering teamed on a project with Santa Cruz (Calif.) Harley-Davidson. The dealership, owned by Mike James, provided students with two stock Harley-Davidson 883C Sportsters. The team also received \$10,000 donations from DMG America Inc., Hardinge Inc. and Remmco Inc., along with parts from Magnum Shielding. Students created a custom motorcycle conversion kit to transform the two bikes into "custom choppers."

The conversion kit could be commercially produced, team members say. Also, one of the students, Tony Rounding, was hired as a design engineer by Magnum Shielding.

"We see the capstone projects as both a service to Rochester's business community and an opportunity for our Executive MBA candidates to demonstrate their expertise," says Robert Boehner, distinguished lecturer in marketing, who spearheaded the business college's involvement in the program.

"Our apprentices, many of whom are busy professionals with demanding jobs, undergo two demanding years of coursework before they work with a client on real-world problems," Boehner notes.

Magnum Shielding President



The Best in Show award in RIT's 175th anniversary parade went to the Kate Gleason College of Engineering for its "cool and hip" Harley-Davidson motorcycle. Jeremy Rank, left, one of the engineering senior design students involved in the project, shows off the custom chopper.

Scott Hurwitz finds the presentations and viewpoints of aspiring executives to be refreshing.

"It's easy to become encapsulated in your own fishbowl comprised of the same markets, products, vendors and consumers," Hurwitz explains. "It's wonderful to see three minds assess our company and understand our specific niche in this competitive marketplace—from products, branding and manufacturing timetables to sales and distribution."

The manufacturing company's niche is its patented process, Sterling Chromite, the first coating of its kind to emulate the look of chrome on individual wires to create braided sheathing enhancements that look chrome-plated.

James Taylor, associate professor of industrial and systems engineering at RIT, decided the "art of motorcycle customization" was a smart project for the senior design

capstone project.

"Our objective was to take the least expensive Harley-Davidson model, which retails for about \$6,500, and create a customization kit for dealerships to sell to customers interested in enhancing their motorcycle design at a lower cost," says Taylor. "Our designer apprentices not only created a saleable product, we also won Best in Show for our entry at RIT's 175th anniversary parade. The College of Engineering has turned into a big wheel."

Adds Mike James of Santa Cruz Harley-Davidson: "We were very excited to see the results of the Sportster chopper project. What a great collaborative effort across multiple engineering disciplines. The big payoff is students learned a lot about working collaboratively to design and build a project in a finite amount of time. ■"

Initiative takes business majors to conference

The initiative to understand the latest business technologies turned into a learning experience for two College of Business students.

Alla Kaplan and Jason Taylor recently attended the *RFID Journal LIVE! 2005* Conference in Chicago. But before they could get there, the pair needed to explore funding options. They developed a proposal and budget to present to RIT organizations and staff.

Their hard work paid off. Student Government, the Division of Student Affairs and the Division of Finance and Administration contributed to the expedition, totaling more than \$2,000 to help finance registration fees, meals and accommodations.

Kaplan and Taylor attended lectures and seminars addressing innovative RFID (radio frequency identification) technology and its applica-

tions to business systems.

"The conference was an amazing experience," says Kaplan, fourth-year marketing student. "The opportunities to network and speak with industry leaders were endless."

"This technology will be the future of business systems, and we're here to get in on the ground floor," explains Taylor, a marketing major who graduated in May. ■

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Graphic arts journal honored

The "prognosis" is excellent—RIT printing students are outstanding among their peers in the graphic arts field. For the fifth consecutive year, RIT's student chapter of the Technical Association of the Graphic Arts claimed top prize in TAGA's Student Chapter Publication Competition with its publication entry, *Prognosis*.

The student group, representing RIT's School of Print Media, took top honors in both the best overall publication category and the non-publication category. Seunga Kang Ha, a graduate student, claimed top prize in the graduate student paper category.

Prognosis illustrates how printing has evolved from a craft into a science. The publication draws parallels between the medical industry and the printing industry.

"We feel that *Prognosis* is an ideal example illustrating what TAGA is—a group of people working in a scientific manner to analyze and illuminate issues related to the graphic arts, similar to the way a doctor might evaluate a patient in the medical field," says David Branca, president of RIT's TAGA student chapter.

Prognosis is a bound journal of student research papers on the technical aspects of graphic arts and also

features photographs. This year's entry evokes a modern, clean feel with its layout and typeface. The package also includes a multi-media CD featuring video clips of the various stages the students went through in producing the journal, from folding and cutting the journal to the actual print run.

Students were honored in April during TAGA's annual conference in Toronto. ■

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David Branca, president of RIT's Technical Association of the Graphic Arts Student Chapter, is among those featured in *Prognosis*, a journal produced by TAGA that took top honors in an international publication contest. The journal illustrates how printing has moved from a craft to a science.

Galloping toward diversity awareness



RIT's annual *Expressions of Diversity* conference, held in a variety of locations on and off campus, allowed participants, such as Tiffany Panko, a first-year psychology major, above, to experience diversity in a number of ways, including learning about equine programs.

Miller, Watters named senior vice presidents

Two members of RIT administration have been recognized for their accomplishments and dedication. President Albert Simone announced the promotions of James Watters and James Miller to the newly created positions of senior vice president. Watters will serve as senior VP for finance and administration while Miller will serve as senior VP for enrollment management and career services.



James Miller

Simone praised both men for being the best at what they do and for taking significant leadership responsibilities throughout the university.

“Dr. Miller has taken the lead on establishing global partnerships, particularly with universities and organizations in Asia and South America,

while Dr. Watters has been a major catalyst in the development of the RIT incubator and the ESPN Sports Zone,” Simone says. “Please join me in congratulating them for their outstanding contributions to RIT’s recent accomplishments and their dedication to the university’s continued success.”

Watters joined RIT in 1994 as budget director. Previously, he spent 16 years at the University of Pittsburgh, where he served as assistant chancellor for real estate and management, among other positions. Miller came to RIT in 1979 from Eisenhower College. He has worked in the fields of admissions, financial aid and enrollment management since 1968. ■

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James Watters

Mini Baja East rolls into western New York



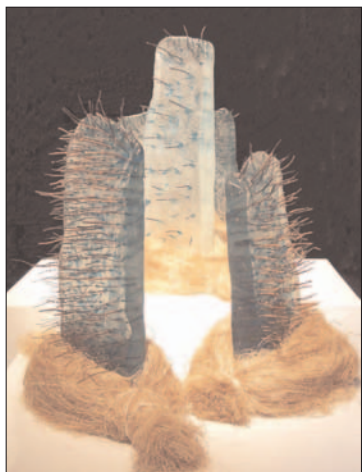
RIT captured seventh and 15th places overall among 71 challengers in the 30th annual Mini Baja East competition May 5-7. The collegiate design and off-road driving contest drew hundreds of spectators to RIT’s Gordon Field House and Activities Center and Hogback Hill Motocross track in Palmyra, Wayne County. A team from Ecole De Technologie Superieure in Montreal took first place overall. Above, RIT’s Ryan Lindauere, a second-year mechanical engineering major, competes in the land maneuverability challenge on May 6. The event, last hosted by RIT in 1982, was the largest-ever Mini Baja East competition. In other mini-Baja competitions earlier this month, RIT earned 13th place overall among more than 120 competitors, along with top-10 finishes in the acceleration, endurance and presentation events, in the Mini Baja 100 in Tinaja Hills, Ariz.; and the team captured 10th place among more than 120 challengers in the Midwest Mini Baja in Troy, Ohio.

‘Stonehenge’ at Gallery r

Stonehenge is one of the earth’s great mysteries—a circle of megaliths standing on a plain in England. Built in stages from 2800 to 1800 B.C., experts conjecture whether the temple, astronomical observatory and burial site was erected by the Druids, Greeks, Phoenicians or Atlanteans.

Now the ancient edifice has been rebuilt through the artistry of Stacey Parker, who encircled five irregularly shaped glass pieces into a configuration called “Stonehenge of Memory.” Her fine art piece is one of 24 that are highlighted in Gallery r’s newest exhibition, “Interpretations of Time.” The show runs through July 30 with a closing reception from 7 to 9:30 p.m. on Friday, July 29.

“Our memories are a way for us to deal with time past, and artifacts like the real Stonehenge are monuments to that past,” says Parker, who is also curator of the show. “So in putting the two together, I created ‘Stonehenge of Memory,’ which is a homage to the past and collective human memory.”



“Stonehenge of Memory” by Stacey Parker

“Interpretations of Time” showcases work from RIT’s graduate students and alumni from the Fine Art Studio program. Gallery r, located at 775 Park Ave., has new summer hours: 4 to 8 p.m. Thursday and Friday and 1 to 5 p.m. Saturday and Sunday. For more information, call 242-9470 or visit www.galleryr.org. ■

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COE grant targets retention

The Kate Gleason College of Engineering is receiving a \$20,000 grant from the Semiconductor Industry Association for a pilot program aimed at improving retention among engineering majors, particularly minorities, through peer support during students’ first two years of college.

The pilot, led by Edward Brown, assistant professor of electrical engineering, includes a summer enrichment program prior to first-year studies, first-quarter outreach programs, fun and challenging student competitions, and quarterly forums offering opportunities for first- and second-year engineering majors to meet with successful upperclassmen.

“The semiconductor industry has long been concerned that the supply of qualified electrical engineering graduates will not be adequate to meet our workforce demands in the years ahead,” says George Scalise, president of the association. “Lower enrollments coupled with a high rate of dropouts—especially among



Edward Brown

minority students—could lead to a serious shortage of engineers within a few years. One of the fastest ways to address this growing problem is to reduce the attrition rate among those already in engineering programs.”

RIT is one of five universities selected for grants from among more than 40 applicants.

“Retention of talented electrical engineering students at RIT will be impacted in a positive manner with this novel program of early engagement and learning,” predicts Robert Bowman, professor and department head of electrical engineering. ■

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Student studying in Denmark

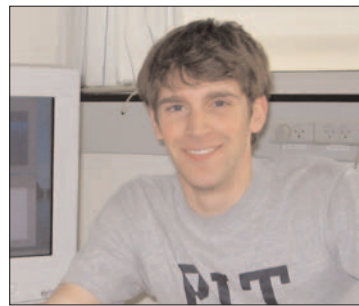
Summer jobs for students often involve a minimum-wage salary and a drive-through window. However, thanks to RIT’s cooperative education program, Mike Zelinski’s summer job will quite possibly save lives.

Zelinski, a fourth year student in the Chester F. Center for Imaging Sciences, is spending his summer in Roskilde, Denmark, working for Risoe National Laboratory under Denmark’s Ministry of Science, Technology and Innovation. Working with a team of scientists, Zelinski uses mathematical models and high-level imaging equipment to observe and record the properties of cancerous brain tissue. By analyzing the results, researchers hope to be able to provide faster and more accurate diagnosis of certain types of cancers.

Zelinski recognizes the real world impact he is having, which is one reason he entered the co-op program.

“This is a tremendous opportunity to get amazing work experience in a wonderful environment while making a real difference in so many people’s lives,” Zelinski says. “I am incredibly grateful to RIT for the chance to use the skills and knowledge I gained while I am still learning and growing in my field.”

Zelinski also stresses how important RIT’s combination of academic coursework with hands-on technical instruction and real-world research experience has been in his new assignment.



RIT imaging science major Mike Zelinski is spending the summer in Denmark researching brain cancer.

“We had the opportunity to study interference and the Michelson Interferometer in my optics class and that experience has been invaluable in my work with Risoe’s Optical Coherence Topography System and the high-level optics we use to chart brain activity,” Zelinski notes.

Joe Pow, associate director for CIS, is happy one of his students is having such a positive and educational experience with a prestigious scientific institute.

“We are all very proud of Mike and the work he is doing. I am confident this assignment will assist in making him a better student and ultimately a better scientist,” Pow notes. “CIS strives to provide our students with a host of experiential learning opportunities using the latest cutting edge technology and it is nice to know we are on the right track.” ■

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Symposium looks at ‘The China Factor’



The North American Free Trade Agreement, signed by the United States, Canada and Mexico in 1994, was the topic of a two-day symposium, NAFTA: The China Factor. David Reid, Benjamin Forman Chair and director of the Center for International Business in the College of Business, far left, organized the event, which included panelists Bruno Glavitch, president and CEO of Applied Image Group, center, and Ron Jones, Xerox Professor of Economics at the University of Rochester.

News briefs

Top female senior

Leigh Hochella, fourth-year nutrition management major, was chosen RIT’s Outstanding Female Senior by the RIT Women’s Council. The award honors students who have shown high scholastic achievement while overcoming difficult circumstances.

Playing digital defense

Six student teams built and defended computer networks in the first McAfee Day hacking contest on May 13. The contest celebrated McAfee’s recent donation of \$1 million in equipment to help launch the computer security and information assurance master’s degree. The hackers—McAfee engineers and members of the RIT student group SPARSA (Security Practices and Research Student Association)—set off simultaneous attacks. Winning team members were Jym Ferrier, information technology graduate student; Mike Goffin, fourth-year information security major; Sean Jordan, first-year applied networking and systems administration major; and Jordan Sissel, fifth-year computer science major.

H-P support for IT

Support from Hewlett-Packard is enhancing RIT’s information technology curriculum. The B. Thomas Golisano College of Computer and Information Sciences has been selected for the 2005 H-P Technology for Teaching grant. The award, valued at \$74,000, will finance the implementation of wireless technology in need assessment, a class that challenges students’ problem-solving techniques.

Staff Council elections

Mary Beth Kitzel of NTID interpreting services and Gus Weber of development have been elected to one-year terms as chair and vice chair, respectively, of RIT Staff Council. For full results, visit <http://www.rit.edu/staffcouncil>.

Formula race results

RIT’s Formula SAE team earned 16th place among 111 teams in the 2005 Formula SAE collegiate design and racing competition, May 18-22, in the Pontiac Silverdome in Pontiac, Mich. RIT captured second place in the sales presentation category, third place in the Society of Plastics Engineers Composites Division Award challenge for the most innovative use of polymer-matrix composites, sixth place for engineering design, and top-20 finishes in the cost and skid-pad contests.

New statewide network

RIT and University of Rochester joined to design the portion of a new high-speed statewide network that will connect the Rochester area in support of research and education applications. The infrastructure is built on optical fibers called light waves that deliver state-of-the-art network services to members of the New York State Education and Research Network. It also provides high-speed access to national and international networks and 32 optical waves, each capable of transmitting up to 10 gigabits of data per second.

“This comes at an opportune time as RIT embarks on a 10-year strategic plan that includes enhanced scholarly research and global outreach initiatives,” says Diane Barbour, RIT chief information officer.

Courting a challenge



Spray from a water hose helped to cool runners as they reached the 1-mile mark near S-Lot at the 15th JPMorgan Chase Corporate Challenge held June 2 on the RIT campus. A total of 8,663 runners and walkers took on the 3.5-mile course around campus on a stellar sunny evening.

RIT lacrosse players recognized

Zach Bednarz and David Thering, Empire 8 first team members of the RIT men's lacrosse team, were selected as honorable mentions of the 2005 STX-Geico Division III All-American Team.

"These two players led a young team this past year," says head coach Gene Peluso. "It is great that the coaches in Division III recognize their accomplishments."

Thering led the Tigers in scoring with 70 points on 32 goals and 38

assists. He is in fifth place on the all-time scoring list with 201 career points. Bednarz was third on the team in scoring this season with 39 points on 27 goals and 15 assists. He was second on the squad in ground balls with 78. RIT finished the regular season with a 9-7 record overall and 5-2 in the Empire 8. The Tigers won their second straight ECAC Division III Upstate Tournament title by defeating Hartwick College. ■

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Remembering a friend



Rochester resident C. Joyce Collins looks at an exhibit of photos of her friend Yasuji Tojo at a May reception marking the 30th anniversary of the Tojo Memorial Garden, created in his honor. Tojo, an RIT photography student from Japan, was killed in an auto accident in 1964. Collins presented Tojo's kimono and other traditional Japanese garments to the RIT Archives and Special Collections.

Supercomputing grid from page 1

tional power that exceeds the power of a few supercomputers. World Community Grid will address global humanitarian issues such as new and existing infectious disease research, genomic and disease research, and natural disasters and hunger.

The benefits are proven, says Susan Puglia, an IBM vice president and a member of RIT's Board of Trustees. In 2003, IBM was one of the sponsors of a smallpox study that took advantage of grid computing. The study, using today's largest super computers, would have taken years to complete. With grid computing, this study was completed in less than six months, explains Puglia.

"We are pleased to bring RIT on board," says Puglia. "World Community Grid will be the world's largest public computing grid benefiting humanity." ■

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Obituary

Helen Smith, retired women's athletics administrator, bowling, cheerleading and volleyball coach, physical education instructor and supervisor of the Student Life Center equipment room, May 28.

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NTID garden from page 1

cation sciences at RIT and adjunct professor of otolaryngology at the University of Rochester School of Medicine and Dentistry.

Plans for the new Quadrangle Garden call for using some of the granite steps found within the existing quad for new walkways and a gathering circle.

Frisina is surprised by the tribute, saying that having chosen education as his life's work he was satisfied simply to have been able to serve in constructive ways.

"I viewed the potential of NTID to be of such epic proportions in the history of deaf people that failure was not an option," he says. "To fail would relegate deaf people to continued decades of underemployment and dependencies upon government largesse, and it would inflict a serious blow to the promise of economic and social progress that was their due. Happily, this significant experiment in higher education proved to be highly successful."

Executive assistant named

In other NTID news, Donald Beil was named executive assistant for government and business affairs reporting directly to Hurwitz. Beil replaces Wendell "Gus" Thompson, who is retiring after 25 years in the position.

Beil, who has been at NTID since 1975, has taught computing, been chair of the applied computer technology department and served as acting director of the School of Business Careers. He also served as acting chair for the business support team.

"It's hard to find an individual who knows more about NTID or who has been engaged more in major issues on the federal level that will be encountered in this position," says Hurwitz. "We're pleased to have his expertise." ■

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RBJ names Cooper 'influential woman'

Mary-Beth Cooper, vice president of student affairs, is one of Rochester's most "influential women," according to the *Rochester Business Journal*. Cooper is among 20 female business and community leaders chosen for the award, created to honor the achievements of women who are actively working in the highest ranks of area organizations and making or influencing policy decisions, according to the newspaper. ■

Newsmakers

Phillip Batchelor, visiting lecturer, and **James Scudder**, assistant professor, presented "New Concepts in Statics and Strength Labs" at the New York State Engineering Technology Conference, March 17-18, at RIT.

Rick Cliver, assistant professor of electrical engineering technology, and **David Lawrence** and **James Mallory**, NTID instructional faculty, presented "Strategies to Improve Retention" at the New York State Engineering Technology Conference, March 17-18, at RIT.

Andrew Davidhazy, professor and chair of imaging and photographic technology, and **Sohail Dianat**, professor of electrical engineering, were named fellows by the International Society for Optical Engineering. SPIE recognized them for significant scientific and technical contributions in the field of optics.

Michael Eastman, associate professor and chair of electrical, computer and telecommunications engineering technology, presented "The Computer Engineering Technology Capstone Experience in Embedded Systems" at the New York State Engineering Technology Conference, March 17-18, at RIT.

Daniel Goodwin, professor of packaging science, presented "Packaging Dynamics" at the New York State Engineering Technology Conference, March 17-18, at RIT.

Franz Foltz, associate professor of science, technology and society, **Paul Ferber**, professor of political science and science, technology and society, and **Rudy Pugliese**, professor of communication, presented "Interactivity v. Interaction: What Really Matters for State Legislative Web Sites" at the International Association for Science, Technology & Society annual meeting and conference, Feb. 10-12, in Baltimore.

Ron Hira, assistant professor of public policy, presented "Offshore Outsourcing of U.S. Technology Jobs: Causes, Implications and Responses" at the International Association for Science, Technology & Society meeting and conference, Feb. 10-12, in Baltimore.

Daniel Johnson, assistant professor of manufacturing engineering technology, presented "Custom Textbooks: Experiences From a User" at the New York State Engineering Technology Conference, March 17-18, at RIT.

Warren Koontz, associate professor of telecommunications engineering technology, presented "Optical-Electronic System Simulator" at the New York State Engineering Technology Conference, March 17-18, at RIT. He finished 97th among 576 runners in the men's 60-69 age group in the 2005 Boston Marathon with a time of 3:59:28.

Jeff Lillie, assistant professor of computer engineering technology, presented "Digital Systems Simulation" at the New York State Engineering Technology Conference, March 17-18, at RIT.

Vern Lindberg, professor of physics, presented "College Physics Instruction in an Active Learning Environment" at the New York State Engineering Technology Conference, March 17-18, at RIT.

Robert Manning, professor and special assistant to the provost, participated in a research project, "Global Banking Deregulation and the EU Consumer Lending Revolution," at the University of London and London School of Economics in March. He delivered a briefing on new bankruptcy laws and deregulation of credit cards for the House Financial Services Committee, March 25, in Washington.

Erhan Mergen, professor of decision sciences, co-wrote "A Multivariate Subgroup Rationality Test," published in *Quality Engineering*, volume 16, number 4.

Sam McQuade, assistant professor of criminal justice, presented "Computer Crime, Teaching Ethics and the College Student: A Research Report and Its Educational Ramifications" at the International Association for Science, Technology & Society annual meeting and conference, Feb. 10-12, in Baltimore.

Albert Paley, Charlotte Fredericks Mowris Endowed Chair in the School for American Crafts, exhibited more than 30 of his pieces at Hawk Galleries in Columbus, Ohio.

Manian Ramkumar, professor of manufacturing engineering technology, **Scott Anson**, assistant professor of manufacturing and mechanical engineering technology, and **Karthik Thenalur**, graduate student, presented a poster, "Investigation of Lot Variation on Moisture Sensitivity and its Impact on Delamination Phenomenon in Plastic Encapsulated Components" at the Electronic Circuits World Convention, Feb. 22-24, in Anaheim, Calif.

Richard Shearman, associate professor of science, technology and society, presented "Science and Technology in the Slow Lane: Food, Nutrition and Living Well" at the International Association for Science, Technology & Society conference in Baltimore.

John Stratton, professor of electrical engineering technology, chaired the New York State Engineering Technology Conference, March 17-18, at RIT; **Steve Ciccarelli**, assistant professor, was assistant chair. Stratton also received the ASEE Frederick J. Berger Award, recognizing excellence in engineering technology education, at the 2005 ASEE Annual Conference and Exposition, June 12-15, in Portland, Ore.

James Winebrake, associate professor and chair of public policy, presented "Flexible Technology and Policy Approaches to Reduce Emissions from Marine Transportation" at the International Association for Science, Technology & Society annual meeting and conference, Feb. 10-12, in Baltimore.

Fritz Yambrach, associate professor of packaging science, was a member of a panel that presented "Responding to the Market-Academic Approaches to Flexible Packag-