

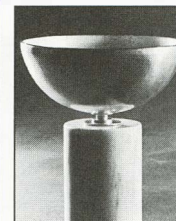
3 A distance-learning success story



5 RIT scholars and award winners



7 Machine to overhaul auto repairs



8 2001 Quality Cup winners announced

RIT celebrates its 2001 graduates

A time to celebrate is at hand. RIT's 116th annual commencement ceremonies on Friday, May 25, and Saturday, May 26, will confer degrees upon 3,771 students—2,948 undergraduate and 823 graduate students.

"We feel this two-day celebration will be a culminating experience for graduates, families and friends, a capstone of their time at RIT and a fitting finale to years of hard work and sacrifice," says RIT President Albert Simone. "All of us at RIT—faculty, staff and trustees—congratulate the graduates and their families, and wish them continued success."

Russell Bessette, M.D., executive director

Commencement ceremony schedule

Friday, May 25

• College of Applied Science and Technology—check program for your department
3 p.m., Frank Ritter Ice Arena:

Academic Convocation

• Tent Site, U-lot, behind the Student Alumni Union: Featuring a keynote address by Russell Bessette, M.D., executive director, New York State Office of Science Technology and Academic Research (NYSTAR)

Reception, 6:15 p.m.; program, 7:30–9 p.m.

All graduates and their families are invited to attend; no tickets are needed.

Saturday, May 26

• College of Imaging Arts and Sciences, 8:30 a.m., Tent
• College of Liberal Arts, 8:30 a.m., Clark Gymnasium
• College of Business, 9 a.m., Frank Ritter Ice Arena
• College of Science, 10:30 a.m., Clark Gymnasium
• College of Applied Science and Technology, noon, Tent—check program for your department
• Kate Gleason College of Engineering, noon, Frank Ritter Ice Arena
• National Technical Institute for the Deaf (NTID), 1 p.m., Clark Gymnasium

The Academic Convocation and all degree ceremonies will be sign-language interpreted and real-time captioned. Throughout the day, the colleges will hold receptions; check the commencement program for time and place.

of the New York State Office of Science Technology and Academic Research (NYSTAR), will deliver the keynote address during the Academic Convocation, 7:30 p.m. on May 25 at the tent (U-lot).

The convocation gives RIT the opportunity to recognize the excellence of students and faculty. Simone will officially confer degrees on all the graduates during this special gathering of the RIT community. The 15 college delegates will be a part of the recognition event, with Joanne Gosselin from the College of Imaging Arts and Sciences giving the student address. RIT also honors its teachers who won Outstanding Teaching awards.

"By celebrating the excellence of our faculty and students, we spotlight the RIT tradition, university pride and community spirit," says Simone.

Pre-convocation festivities, which begin with a reception at 6:15 p.m., include food;



music; an ice sculpture created by students in the hospitality and service management program; and exhibits of student projects such as the Formula car, concrete canoe and steel bridge.

Members of the National Technical Institute for the Deaf's Hands Across Cultures Project will be the first deaf group to perform at convocation ceremonies starting at 8 p.m. on Friday evening. The group, comprised of students, faculty and staff representing NTID's three deaf ethnic clubs, is the creation of Luane Davis, a member of NTID's cultural and creative studies department, and was designed to contribute to RIT's goal of increasing the campus' awareness and appreciation of cultural differences.

RIT's colleges will celebrate commencements in individual ceremonies on Friday and Saturday. The student delegates will each speak at their respective college ceremonies. The festive campus atmosphere will feature banners, music and food.

"Graduation is the highlight event of the university community," notes Stanley McKenzie, provost and vice president for academic affairs. "It's a time for everyone to take pride in students' accomplishments and congratulate them on a job well done." ■

RIT wins N.Y. STAR Center

Gov. Pataki announces \$14 million award to RIT

In an extremely competitive New York state selection process, RIT has come out a winner.

At a May 3 press conference, Gov. George Pataki announced that the IT Collaboratory at RIT will be designated as one of the state's new STAR (strategically targeted academic research) Centers.

Accompanied by Russell Bessette,

executive director of the New York State Office of Science, Technology and Academic Research (NYSTAR), Sen. James Alesi, Assemblymen Joseph Morelle and Joseph Robach, and RIT President Albert Simone, Pataki told the audience in RIT's Xerox Auditorium that NYSTAR will fund the center with \$14 million.

"We will no longer only think of the Silicon Valley when we think of high technology—we'll think of Rochester, N.Y.," said Pataki, to rounds of applause. For more on NYSTAR, go to www.nystar.state.ny.us/stardetails.htm.

Simone said, "We applaud the vision of Gov. Pataki, Majority Leader Bruno, Speaker Silver and the members of the state Legislature, in establishing NYSTAR to provide New York state with the technological leadership that is needed for the 21st century."

"We look forward to working with our industry partners, including Global Crossing, Frontier, Corning, Kodak, Xerox and IBM, as well as the many other companies that are such an important part of the IT/telecommunications sector in this community. A number of these companies have already made

significant commitments of support for this initiative. The STAR Center at RIT, called the **Information Technology (IT) Collaboratory**, will be a vital resource to the recently designated Rochester Center of Excellence in Photonics and Microsystems, and will draw on and complement the students, programs and research in the newly established B. Thomas Golisano College of Computing and Information Sciences."

Bessette, who will give RIT's Academic Convocation address May 25 during commencement weekend, praised RIT for its winning proposal to become a STAR Center. "RIT's proposal had what we were looking for: it cited scientific innovation, collaboration and economic potential."

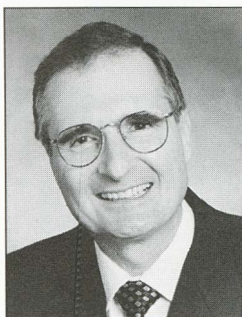
New York's STAR Centers, part of a master plan to expand high-tech R&D activities in the state, will boast academic research facilities in a dynamic mix of cutting-edge labs, new technology and the most sought-after academic and scientific talent.

continued on page 8



Joining Gov. George Pataki at the announcement of the \$14 million award were, from left to right, Assemblyman Joseph Robach, Sen. James Alesi, RIT President Albert Simone, NYSTAR chairman Russell Bessette and Assemblyman Joseph Morelle.

Simone honored with student affairs award



Albert Simone

RIT President Albert Simone has received the Presidents Award of the National Association of Student Personnel Administrators (NASPA). The Presidents Award goes to a college or university

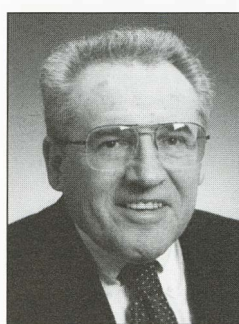
president who has advanced the quality of student life on campus through the support of programs and student affairs staff.

"Dr Albert Simone is the quintessential
continued on page 3

Bessette to address RIT community at convocation, May 25

Uniquely suited to deliver RIT's 2001 commencement address, Russell Bessette, M.D., took on the role of executive director of the New York State Office of Science Technology and Academic Research (NYSTAR) in January 2000. Appointed by Gov. George Pataki, he is responsible for several state programs aimed at strengthening New York's leadership in high-technology research and economic development.

NYSTAR, created in 1999 by Pataki and the New York state Legislature, aims to harness the economic power within New York's more than 300 public and private research universities and institutions of higher learning by investing in the job-



Russell Bessette

NYSTAR's mission is to attract and retain the best and brightest scientific talent in the nation and the world to New York's

creating technologies of tomorrow and supporting university-business partnerships that will facilitate the development and commercialization of these technologies. A key element of

university campuses.

Bessette, considered a leader in the field of academic research, has more than 30 years of experience in academia and medicine. He has written or co-written more than 55 peer-reviewed academic publications, reports and research papers.

A past president of the Erie County Medical Society and the American Society of Temporomandibular Joint Surgeons, Bessette holds a bachelor's of science from Manhattan College, a doctor of dentistry degree from the SUNY Buffalo School of Dentistry and a doctor of medicine degree from the State University of New York at Buffalo School of Medicine. ■

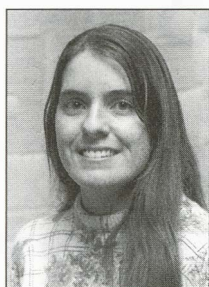


CEREMONIAL GROUND BREAKING...
At a groundbreaking May 10, RIT President Simone; Frontier CEO Martin Mucci; Sen. Jim Alesi; Don Boyd, IT Collaboratory director; Walter Wolf, acting dean; B. Thomas Golisano College of Computing and Information Sciences; and Jeffrey Lasky, head of the IT Lab, break ground for the new cutting-edge facility designed for research and development. Alesi was instrumental in securing the \$1.5 million funding for the IT Lab.

2001 College Delegates

College Delegate Selection

Each college selected one student representative (Applied Science and Technology has selected three, and Business has selected two) to be part of Commencement—a student whose overall personal achievement demonstrates the ideals of RIT, including, but not limited to, academic achievement.



Bethany Iannone

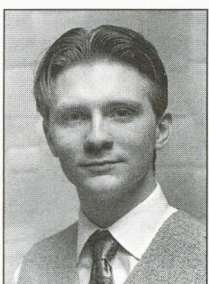
College of Applied Science and Technology

Bethany Iannone, a computer science winter quarter graduate from Rochester, was the recipient of an RIT Alumni Scholarship. She was on the Dean's List and is a member of RIT's Golden Key Honor Society and the Phi Theta Kappa Honor Society of Monroe Community College. Bethany's co-op experiences were at RIT as a software developer for the Data Cycle System for Stratospheric Observatory for Infrared Astronomy, and at Eastman Kodak Company, where she developed and tested software for picture kiosks. She also worked on campus as a senior lab assistant in the computer science labs. Bethany is employed by Cisco Systems.



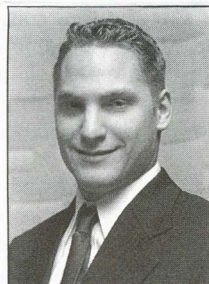
Brenda Moye

Brenda Moye, an electrical engineering technology winter quarter graduate from Buffalo, was a recipient of an RIT Electrical Engineering Technology Outstanding Alumna Scholarship and a Rochester Engineering Society Scholarship. She has had co-op experience in process engineering with Motorola Inc., hardware design engineering with Voice Technologies Group Inc. and research and development with Goulds Pumps ITT Industries. She also interned in electrical controls engineering with General Motors Powertrain. Brenda was a member of RIT's Gospel Ensemble, a peer mentor in the Minority Transition Support Program, academic excellence chairperson for the National Society of Black Engineers, an academic tutor in the New York State Higher Education Opportunity Program, and an RIT resident adviser. She now works for Motorola in Phoenix, Ariz.



Adam Cerling

Adam Cerling, a BS/MS computer science major from Farmington, Minn., has been an adjunct professor and teaching assistant in computer science, instructing freshman laboratory sections and a core computer science course and lab section and tutoring computer science students. At RIT, he has also taken film and animation courses. He has worked as a programmer with Dawning Technologies Inc., RIT's Center for Imaging Science, Vision Technologies Inc., and Display Technology Systems Inc. Adam independently produced Grapevine, a program for the administration of live-action role-playing games. His special interests are computer and video role-playing games and animation, foreign languages, and religious activities.

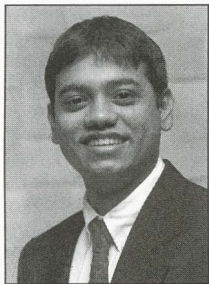


Jason Schwingle

College of Business

Jason Schwingle, marketing major from Rochester, transferred to RIT from Monroe Community College, where he earned an associate degree in liberal arts in 1998. Since then, Jason has been named the 1999 USAA All-American Scholar, Nathaniel Rochester Society Scholar, and Davis Leadership Scholar, and he has been inducted into numerous honor societies. During the past year, he served as a project manager for RIT's research and grants division, tracking several multi-million-dollar research grants from Kodak, Boeing, and NASA. In 2000, during a six-month co-op with INVESCO in

New York City, Jason marketed and maintained hedge-fund products for the institution's clientele. He has also been active with many on-campus activities, including the Dean's Student Advisory Committee, the American Marketing Association, and the Lowenthal Group. He is particularly proud of creating the RIT/VOA Children's Center Project. This collaboration between the Volunteers of America and students, faculty, and staff allows participants to donate their time and resources to help inner-city children and their families. Jason now plans to land a job in finance or marketing with hopes of traveling the world.



Indrajit Mitra

Indrajit Mitra, MBA, concentrating in e-commerce marketing and corporate finance, is a native of Calcutta, India. While studying at St. Xavier's College in Calcutta, he majored in accounting and earned a bachelor of commerce degree. Indrajit interned at Carrier Corp. in Syracuse as a pricing analyst. Among his responsibilities was the development, implementation, and maintenance of a competitive pricing database covering more than 35,000 parts manufactured and distributed by Carrier. He also worked as a graduate assistant at RIT as a marketing and admissions coordinator, handling applications and admissions queries.

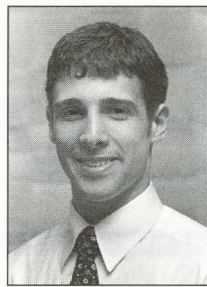
Indrajit has been associated with the Graduate Management Association, the Dean's Student Advisory Council, and the Lowenthal Group, and he served as a note-taker for NTID. He was also honored by UNICEF as an outstanding contributor. Indrajit hopes to become an entrepreneur and start his own business in a developing economy.

Commencement shuttle bus service

Shuttle bus service will be available both Friday and Saturday for transport to and from all three commencement ceremony locations. Campus Safety officers will direct traffic and assist people with special needs via RIT's mobility van. "People Movers"—carts driven by RIT staff—will assist senior citizens and individuals with special needs.

For the 3 p.m. Friday ceremony in the Frank Ritter Ice Arena, shuttle service will start at 2 p.m. from parking lots E, F, G, H, J, S and T. For the Academic Convocation, shuttles will be in service from 5 to 10 p.m. between parking lots D, E, F, G, H, J, S and T and the Commencement Tent.

On Saturday, starting at 7 a.m., shuttle buses will run from any of these parking lots: D, E, F, G, H, J, S and T—directly to each of the Commencement locations. Each bus will make a continuous loop through all parking lots.



Matthew Mariani

Kate Gleason College of Engineering

Matthew Mariani, a BS/MS computer engineering major from Meadville, Pa., was the recipient of a Rochester Engineering Society Scholarship and Association of Facilities Engineers Scholarship. He received the Outstanding Undergraduate Scholarship Award in spring 2000 and served on the Dean's Student Advisory Council. Matthew has had co-op and intern experience as a digital design engineer with Xerox Corp., director of utilization studies with RIT, and in software engineering with Xerox and Mellon Financial Corp. His thesis work is in fire-wall strategies using IBM PowerPC. Matthew has served as president and treasurer of Tau Beta Pi Engineering Honors

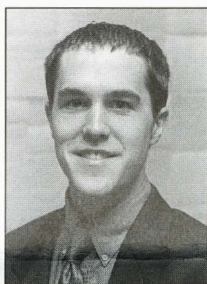
Fraternity and vice president of the RIT student chapter of the Institute of Electrical and Electronics Engineers. He has a blue belt in Kokikai aikido. Matthew has accepted a full-time position as an engineer with IBM Corp., working for the zSeries Processor Design Tools and Methodology Development group in Poughkeepsie, and he plans to pursue an MBA.



Joanne Gosselin

College of Imaging Arts and Sciences

Joanne Gosselin, an imaging and photographic technology major from New Hampshire, concentrated her studies on computer animation. She worked at Pixel Physics in Rochester during a summer co-op, modeling and rendering a client's optical system. Joanne served on the executive board of RIT's Photo House as a special-interest housing association representative and as financial director. She received a Dr. Ronald Francis Scholarship and has also been honored for her work on campus as a note-taker. Joanne participated on the RIT equestrian team and most recently served as its treasurer. She now plans to attend Queensland University of Technology in Australia, where she has been accepted into the graduate program to pursue digital media technologies.

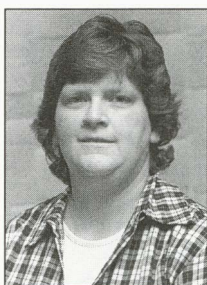


Andrew Quagliata

College of Liberal Arts

Andrew Quagliata, a professional and technical communication major from Pittsford, N.Y., is a recipient of the Nathaniel Rochester Society Scholarship for 2000-01. He is recognized as an outstanding student by the faculty in his department, who regard him as among the very best students in the 15-year history of the professional and technical communication program. Andrew's many activities and accomplishments include his work as founding editor of *Liberal Smarts*, a newsletter written by students in the college; financial columnist, sports reporter, and editor for

RIT's *Reporter* magazine; repeat winner of the Institute/CLA Public Speaking Contest; lead panelist for a group presentation at the Second Annual CLA Undergraduate Research Conference in spring 2001; participant in the Undergraduate Research Conference and at the RIT-Utica Research Exchange, both held in spring 2000. Andrew also contributed to the Talking Walls exhibition at the Bevier Gallery and served as team captain of RIT's Intramural Football Championship Team in 1998 and 2000.



Patricia Canne

National Technical Institute for the Deaf

Patricia Canne, a health care billing and coding technology major from Rochester, received a Barlow Endowed Scholarship and the Dr. Robert Frisina Award. The mother of four children, Canne has maintained a full course load and a perfect cumulative grade point average of 4.0. She has had cooperative work experience in data entry and medical billing at Horizon Medical Management Co. in Rochester and worked part time as a residential counselor at Rochester School for the Deaf and as a student assistant at NTID. After graduation, she plans to work in health care billing and coding and hopes someday to become a teacher in that field.



Esperanza Núñez

College of Science

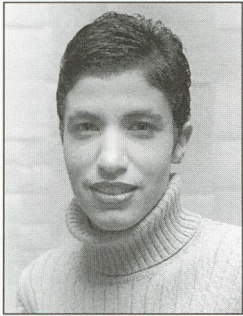
Esperanza Núñez, a biotechnology major originally from Venezuela, has spent her summers pursuing hands-on research experience at national laboratories across the country. She has worked at NASA's Kennedy Space Center conducting molecular profiling, at the Institute for Genomic Research-TIGR generating and using a genomic DNA library; and at NASA's Langley Research Center conducting biocompatibility testing. Esperanza also completed a three-quarter internship at the Lawrence Berkeley National Laboratory as part of the U.S. Department of Energy's Research Undergraduate Laboratory Fellowships. A research paper she co-authored based on her research at LBNL was published in the conference proceedings of the 16th International Congress of Bacteriology and Applied Microbiology in Brussels in 2000. She also has presented abstracts at the American Society for Gravitational and Space Biology and at the Institute for Genomic Research's fourth annual Conference on Microbial Genomes. Esperanza received the minority student award at the 1999 annual meeting of the Society of Toxicology. She is the vice president and founder of RIT's Venezuelan Student Association and the vice president for the Society of Hispanic Professional Engineers.

Viewpoints

One student's philosophy for success

This column presents opinions and ideas from your peers on issues relevant to higher education. We welcome response and hope "Viewpoints" inspires discussion among you, the RIT community. To suggest an idea for a column, e-mail to neusevents@rit.edu.

by Esperanza Núñez, 2001 graduate, College of Science



Esperanza Núñez

College happened, for most of us, without a clear understanding of what we expected or wanted to get out of it. For many, it meant a new sense of direction in their lives; for others, it meant leaving their comfortable homes to face the "real world." Either way, we all had an ideal picture of what

college should be about and what we would like to experience.

Such imaginings are called "dreaming" for those who don't act upon their goals, and "planning" for those who make things happen. That is the distinction between the average and the successful student: the ability to pursue aspirations with the motivation of a child who is avidly learning the simplest things.

As a student, I have realized that the amount of good fortune coming my way always depended on my willingness to act upon the matter. Whether it meant waking up early for an 8 a.m. class, or getting a big project done, at the end, I was accountable for how much I accomplished and up to which standards.

We all face complex situations in ways unique to our personalities and backgrounds,

and we are bound to fall down and fail from time to time. However, I have discovered that picking up the pieces and starting over gave me strength and courage to keep going.

There is also great merit in recognizing the contribution of amazing people who have changed your life in many different ways—professors, friends, classmates, coworkers and colleagues—people who make your experience worthwhile.

I am personally grateful to the people who have helped me reach my (once thought) impossible goals by guiding and encouraging me along the way. These people have taught me that far away, there in the sunshine, are my highest aspirations. I may not reach them, but I can look up and see their beauty.

From now on I will believe in them and try to follow them. I have learned that every dream precedes a goal, for the dream of yesterday is the hope of today and the reality of tomorrow.

Thank you so very much to Dr. Robert Rothman, Dr. Tom Frederick and Lisa Bennett for giving me hope when I fell down, and for giving me a hand when I reached out for help. Thanks for a sincere smile, a comforting hug and your wise advice. Thanks a million for being inspiring role models in my life.

I think the essentials for happiness are something to do, something to love and something to hope for. The measure of our future success and happiness will not be the quality of the cards we are dealt by unseen hands, but the poise and wisdom with which we play them. ■

Simone (from page 1)

academic leader who combines teaching, learning and scholarship with genuine care and support for the development of student life and his staff," says NASPA President Shannon Ellis. "I speak for thousands of NASPA members when I say this is a well-deserved recognition . . . your tireless commitment to your campus and to the profession of student affairs has set a great example."

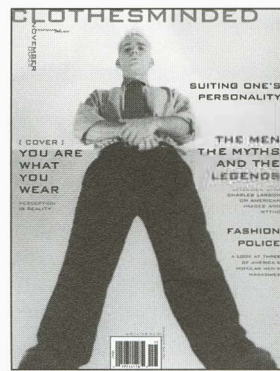
The nomination materials for Simone, submitted by student affairs leaders, cited a number of accomplishments on behalf of students. Among them, he was noted for crucial support of RIT's new First Year Enrichment program taught by student affairs staff to address academic needs and to foster personal wellness. As president of the University of Hawaii, Simone created the position of vice president for student affairs as one of his first acts, saying the institution must pay attention to "the primacy of students."

Linda Kuk, RIT's former vice president for student affairs, says, "We decided to nominate Dr. Simone for this award because his commitment to students and education at RIT has been uncompromising. Through his leadership and support we were able to renovate the residence halls, build new apartments, improve campus life programs and services and improve the quality of life for students at RIT. His efforts are models for university leadership to emulate."

Simone was noted for introducing the integration of academic affairs' skills and interests with student affairs. This approach has ensured a strong, high-profile student-affairs program that is thoroughly integrated into the academic pursuits of students. ■

A distance-learning success story

You need to work. You also need to get that degree, so you find a way to put yourself through school. The solution for one student: online learning.



Todd Lynch's award-winning mock-magazine mirroring and mimicking men's fashion

Todd Lynch, who has lived with his aunt and uncle in Pittsford while attending RIT, not only caught up on his liberal arts requirements through distance learning courses, he took it one

step further. Far enough, in fact, to earn him a Kearsce Award—an annual award recognizing students who write outstanding research papers in a liberal arts class.

He used his persuasion class to showcase his major field of study—graphic design—by creating a mock men's fashion magazine,

Clothesminded, mirroring, mimicking and slightly mocking the very subject he was analyzing—magazine advertisements. His theme: You are what you wear.

His mock publication includes interviews with communication scholars, articles analyzing advertisements and high-quality images supporting his thesis.

"Todd's work is an expert synthesis of image creation and analysis and the liberal arts," says professor David Neuman, who taught the online persuasion course.

Liberal arts underlies all of RIT's fields of study, be it art and design or computer engineering. "Whatever field you go into, you have to be able to communicate. A graphic designer has to be able to communicate with clients and understand their needs," says Lynch. "A liberal arts foundation gives you those skills."

Lynch, a non-traditional student who took a few years between high school and higher education to gain a broader view of the world, professes to being a less-than-avid reader. Yet he loves writing and is excited about how he can incorporate his liberal arts foundations into his life and career. ■

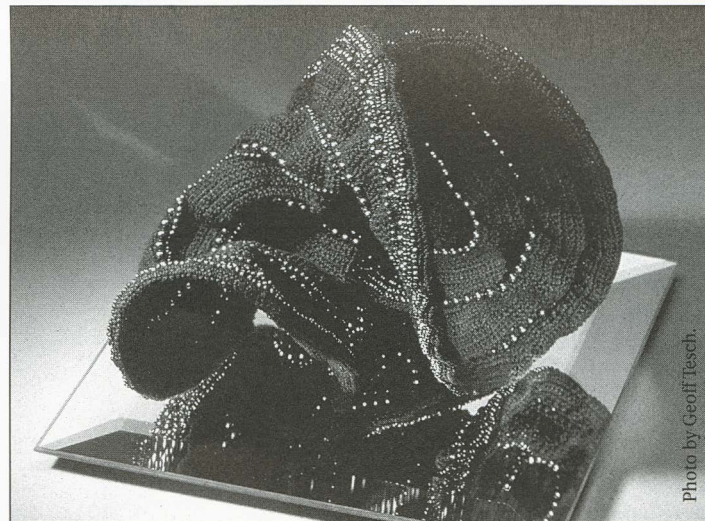


Photo by Geoff Tesch.

ART HONORS . . . Max Lenderman, School for American Crafts professor, displays creativity through crochet. The piece is among nearly a dozen works of art created by RIT faculty, students and alumni now on display at the Memorial Art Gallery. The 58th Rochester-Finger Lakes Exhibition is underway through June 24. Robin Cass, visiting assistant professor, has received special recognition. A glass and metal piece entitled *Traveler IV* earned her the Louis D'Amanda Memorial Award.

Formula car season kicks off May 17

Upon graduation, not many go to work for legendary racecar drivers like Michael Andretti. In fact, once they leave RIT, the closest many former students get to racing is driving to work on the expressway.

That's probably why members of RIT's Formula car team devote so much of their lives in a quest to design and build extraordinary race cars while they're still here. And, every so often, inspiration comes from someone like Eric Weber, last year's engine-group leader who, now as a Honda engineer, supports the crew of Andretti's Motorola Indy car.

Meanwhile, his former RIT teammates are ready for another racing season, beginning

May 17, with competition in Pontiac, Mich. The event is the first of two spring and summer competitions.

In July, the team will travel to England, where RIT was the international champion



Mike Occhipinti, fifth-year mechanical engineering major and RIT Formula team project manager

two years ago. The team also plans to compete for only the second time in Australia, where last year RIT captured second place.

This year's brand-new car, the product of sweat and long hours since last fall, sports a six-speed manual transmission and redesigned brakes and front suspension. A lower driver's seat provides a lower center of gravity, improving cornering capability. That's important considering the racer reaches top speeds of about 100 miles an hour. ■

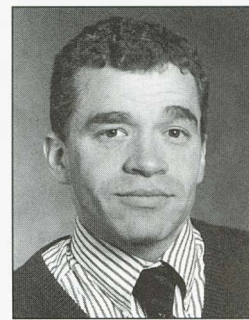
New book explores slave narratives

David Walker, a free black man from North Carolina, was a fiery abolitionist living in Boston in 1830. Using pamphlets as his "voice," Walker lashed out at slavery and American hypocrisy. His mysterious death silenced the pamphleteer but not the pamphlets. The African-American community preserved Walker's protest literature, hiding and recirculating it years later.

The passion and anger found in protest essays written by African-American writers between the American Revolution and the Civil War gives today's historians a glimpse of

the early struggle against racial injustice.

"The heyday of the slave narrative was after 1830," says Richard Newman, professor of history and scholar of early African-American reform. "But if you want to see what African Americans



Richard Newman

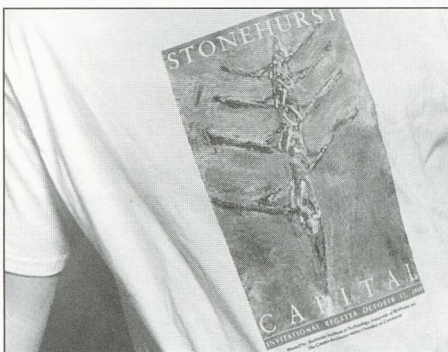
were thinking and protesting during an earlier period, you'd find that in pamphlets."

Newman is the lead editor of *Pamphlets of Protest: An Anthology of Early African-American Protest Literature, 1790-1860*, with his colleagues Patrick Rael and Phillip Lapsansky, and author of the introductory essay. The collection focuses on 25 pamphlets largely from the collection of the Library Company in Philadelphia, a repository of pre-Civil War African-American literature.

Pamphlets of Protest brings to light several essays previously unpublished in book form.

Pamphlets were easier and cheaper to produce than book-length narratives, and gave the authors more control over their messages. Essentially ephemeral documents, these pamphlets were preserved by the African-American communities. Newman says the pamphlets documented blacks' protest. "It was a way for African Americans to prove their humanity by creating literature that defied stereotypes of the time, those which said blacks were mentally inferior."

Newman is working on *The Transformation of American Abolition* due out spring, 2002. ■



A WINNING DESIGN . . . Entries for the 2001 Stonehurst Capital Invitational Regatta T-shirt design are being accepted until June 30. The winning designer will receive \$250. For design specifications, contact Susan Pitoniak, at 5-5212 or smpuns@rit.edu. The 2000 Stonehurst Regatta T-shirt, shown here, was created by Chas Davis, artist and adjunct professor in RIT's School of Art.

Commencement week parking and traffic

On Friday, May 18, U-lot will close at 4:30 p.m. U-lot reserved-permit holders may park in the reserved parking in lots D, F and J on the north side of campus and in S-lot. U-lot will reopen when all tents and equipment have been removed from the lot, some time after Monday, May 28.

The RIT shuttle makes regularly scheduled trips between the north and south sides of campus, and is available to all members of the university. Shuttle schedules are available at the Information Desk in the Student Alumni Union.

As of noon on Friday, May 25, through Saturday, May 26, D-lot will be closed; though reserved permit holders will not be affected on Friday. For the duration, parking in D-Lot will be reserved for those with handicapped and special commencement permits only.

Beginning at 3 p.m. on Friday, May 25, through May 26, Andrews Memorial Drive eastward of the east entrance to S-lot will be closed, though S-lot will be open for parking on both days.

2001 Award Recipients

Phi Kappa Phi celebrates new members

RIT's chapter of Phi Kappa Phi inducted numerous students and five faculty/staff members during an April ceremony. A renowned national honor society recognizing scholars in all disciplines, Phi Kappa Phi celebrates its 30th year on RIT's campus.

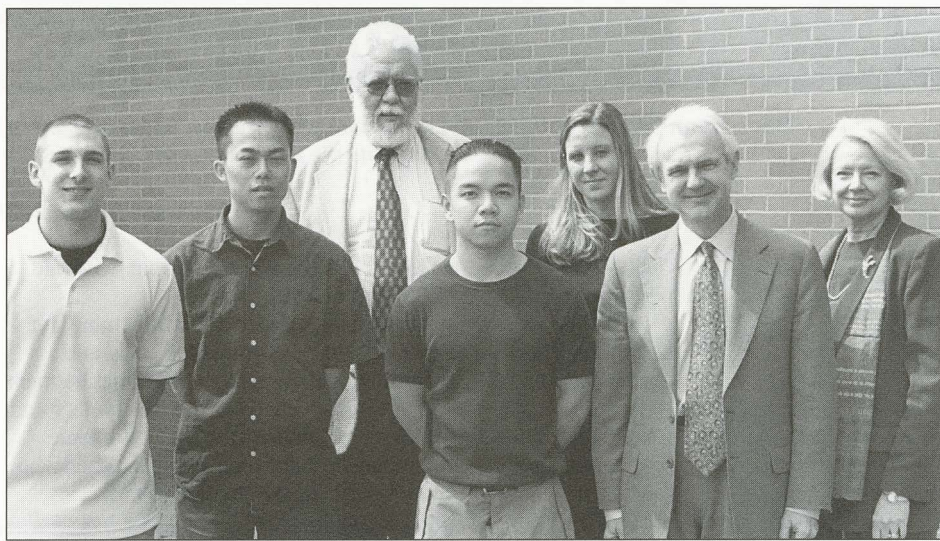
This year the five faculty/staff members inducted were Bruce Meader, College of Imaging Arts and Sciences; Glenn Kist, College of Liberal Arts; Carol Richardson, College of Applied Science and Technology; Jacqueline Mozrall, College of Engineering; and John Whitely, institutional research and policy studies.

Honorees will wear a blue ribbon with a medallion during commencement ceremonies.

Admission to Phi Kappa Phi is by invitation only for seniors in the top 10 percent of their class and juniors in the top five percent of their class. Graduate students, faculty members and alumni may also be inducted, based on scholarly distinction. ■



This year's Phi Kappa Phi's distinguished honorees are, from left to right, Carol Richardson, John Whitely, Glenn Kist, Bruce Meader and Jacqueline Mozrall.



AWARD-WINNING WRITERS . . . Winners of RIT's annual writing contest are, from left to right in the front row, Jason Powley, who won the essay category for his piece about the electoral college; Khamla Saenglongma, who received honorable mention for his poem "Words to Live by," reflecting on crime and school shootings; Christopher Vongsawat, who also received honorable mention for his poem "My Tame Woman"; and, in the back row, Christie Bielmeier, who took the grand prize in the creative writing category for her short story, "November," about her experience as a college athlete. The award winners are joined, in the front row, by Andrew Moore, dean of the College of Liberal Arts, and Katherine Schumacher, writing director, and, in the back row, Stanley McKenzie, provost and vice president for academic affairs.

NTID awards grants to two professors

Allen Austin, assistant professor, and Sidney Barefoot, associate professor, both in the National Technical Institute for the Deaf's speech and language department, have been awarded the Ronald D. Dodge Memorial Endowment Fund's Faculty Grant for their project, Online E-mail Etiquette: A Job-related Perspective for Students. The pair will develop a series of online instructional modules that deaf and hard-of-hearing students can use to improve their use of e-mail in pursuing employment opportunities.

The online modules will use the IdeaTools format developed by Simon Ting, instructional developer in NTID's

instructional design and evaluation department. Faculty will be able to use the modules as a resource, assigning them as part of coursework, or students can access them independently to improve their use of e-mail as a job-search tool. The resource may eventually be offered to deaf and hard-of-hearing students external to NTID/RIT.

Awarded annually, the \$1,000 Dodge grant goes to RIT faculty members for research focusing on improving the effectiveness of deaf and hard-of-hearing education at RIT. Alberta Dodge established the award in 1984 in memory of her husband, a 1929 graduate of the Mechanics Institute. ■

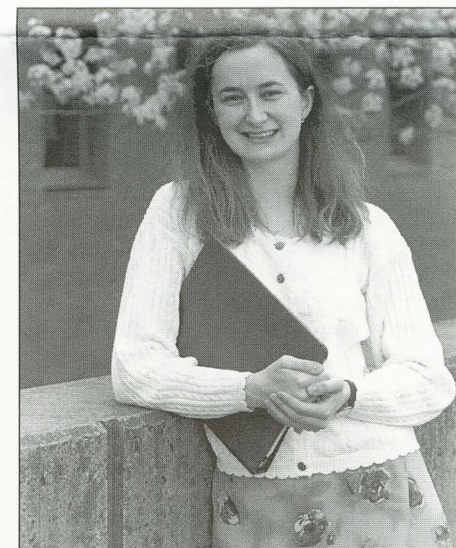
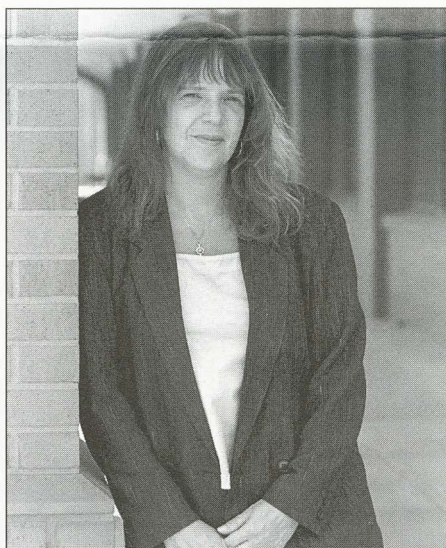


SPEAKING WITH PASSION . . . Finalists of the 12th annual public speaking contest moved their audience with impassioned speeches about national and international concerns. First prize and \$250 went to Valarie Welsh, right, a microelectronics major, for her speech calling for the closing of U.S. Army's School of Americas, based in Fort Benning, Ga. Numerous graduates of this military school for Latin-American soldiers have been linked to human rights atrocities. Second prize and \$150 went to Khury Petersen-Smith, second from right, a multidisciplinary major, for his talk on protesting the Free Trade Agreement of the Americas; and third prize and \$50 went to Greg Humbert, at left, an information technology major, for his talk questioning the credibility of online pharmaceutical sales. Here, the finalists chat with contest coordinator Grant Cos, associate professor of communications. The biannual contest is sponsored by the College of Liberal Arts.



LUMINARIES IN THE COLLEGE OF SCIENCE . . . Students in the College of Science were honored for their academic accomplishments during an awards ceremony May 4. Among the students recognized were, from left to right, Luke Ziemba, winner of the Undergraduate Physical Chemistry Award, Breeann Lee, winner of the RIT Quality Cup Scholarship, Erin Ionson, a winner of the Nathaniel Rochester Society Scholarship and David M. Baldwin Scholarship, and Donna Thibault, also a winner of the NRS Scholarship and Baldwin Scholarship.

OUTSTANDING INTERNATIONAL STUDENTS . . . RIT's International Student Scholarship Committee recognized three international students who have made special contributions to campus life. The winners of the Outstanding International Student Service Award are, from left to right, A. Fabiana Kotoriy, a fourth-year industrial engineering student from Bolivia; U-Wen Wong, a third-year social work student from Singapore; and Ratna Grace Sampathkumar, a second-year M.B.A. student from India.



OUTSTANDING FEMALE SENIORS . . . The RIT Women's Council selected Kamilla Joskowiak, right, and Elizabeth Coombs Maxim for the Outstanding Female Senior Award, which honors students who have shown high scholarship achievement while overcoming difficult circumstances. Joskowiak is graduating with a bachelor of science degree from both the medical technology and biology programs in RIT's College of Science. Coombs Maxim is graduating with a bachelor of science degree in social work.



AND THE WINNERS ARE . . . The 21st annual Henry and Mary Kearsce Student Honor Awards recognize students who have written outstanding research papers in their liberal arts courses. This year's award winners are, from left to right in the front row, Elizabeth Coombs, social work; Kelly Druzynski, business; Rachel Healy, professional and technical communication; Daniil Polishchuk, biomedical computing; and, at the far right, Debra Patkin, psychology. From left to right in the back row are Sue Taliercio, criminal justice; Erin Lalley, multidisciplinary studies and computer graphics; and Todd Lynch, graphic design. Joining the award winners are Andrew Moore, dean of the College of Liberal Arts, in the front row, and Sam Abrams, professor of language and literature, in the back row. Abrams presented the 2001 Kearsce Distinguished Lecture at the award ceremony with his talk, "Useful Poetry."

2001 Award Recipients

COB's new scholarship awarded

Two undergraduate students won the largest scholarships offered by the College of Business. Victor Silva and Renaé Powell are RIT's first-ever winners of the William

Systems Student Team and is a member of the Lowenthal Group, a service organization whose students act as ambassadors for the College of Business.



Victor Silva and Renaé Powell will receive full scholarships as part of the new William G. McGowan Scholars program.

Renaé Powell is a marketing major from Brooklyn in her third year of study. She participates in numerous college activities, including the College of Business Dean's Student Advisory Council. She is also an officer with Society of African American Business Students and a co-leader of the Lowenthal Group.

Both students will receive full scholarships for the 2001-2002 academic year, made possible by a nearly \$40,000 grant from the William G. McGowan Charitable Fund. The program recognizes academic achievement among business students while encouraging leadership and community involvement.

G. McGowan Scholars program.

Victor Silva is a third-year student from North Chili majoring in management information systems. He serves as vice president of the Management Information

RIT is among 31 colleges and universities from around the country that participate in the William G. McGowan Scholars program, named in honor of the founder and chair of MCI Communications Corp. ■



OUTSTANDING UNDERGRADUATES . . . RIT honored 42 students as Outstanding Undergraduate Scholars in a ceremony and reception held in March. Joined by Stanley McKenzie, provost and vice president for academic affairs, top, the scholars are Nick Cianfrocco, Krystian Cybulski, Ronald Duppert, William Henry, Bethany Iannone, Daniel Kunkle, Scott Liu, Lindsay Long, Stephanie Madison, Bryan Reich, Omonbek Salaev, Matthew Seavey, Lucille Sutter and Roxana Talwar, from the College of Applied Science and Technology; Gina Albano, Pavel Borishkevich, Rachel Bucholtz, Marisol Carrasquillo, Hyun-hee Cho-drake, Arseny Lim and D.J. Vogel, from the College of Business; Jaime Marie Cargill, Jesse Chizmadia, Cory Cress, Samuel Danziger, Michael Medlar, Nicholas Sardino and Matthew Woitaszek, from the Kate Gleason College of Engineering; Shea Baker and Christopher Smith, from the College of Imaging Arts and Sciences; Shannon Collins and Debra Patkin, from the College of Liberal Arts; and Jessica Bishop, Mark Breitenbach, Kelly Doyle, Heather Rene Frost, Janine Garnham, Erin Inson, Joanne Mulé, Jennifer Paine, Donna Thibault and Jason Weil, from the College of Science.

REMARKABLE STUDENTS . . .

Alpha Sigma Lambda Honorary Society inducted 22 new students this year. The students were honored at a dinner in April at President Albert Simone's home. The honorary society annually inducts new members based on scholarship, participation in activities and leadership in academic and co-curricular student activities. This year's honorees are Christina Benton, Adam Copel, Susan Dodds, Joanne Gosselin, Christopher Halliday, Penina Hecht, Molly Knorr, Jennifer Pomerhn, Adam Rackoff, Alyce Smith and Christopher Smith, from the College of Imaging Arts and Sciences; Mark Breitenbach and Anne Saladyga, from the College of Science; Sean Eldridge, Sherri Fazzio, Daniel Renkas, Jason Schwingle, Matthew Sudol, Melissa Vasilev and D.J. Vogel, from the College of Business; Alyssa Hillson from the College of Liberal Arts; and Joshua Nordquist from the Kate Gleason College of Engineering.



SPECIAL RECOGNITION . . . The Special Services program of RIT's Learning Development Center had a lot to be proud of this year. In addition to celebrating its 25th anniversary, the program honored recipients of the Bennett Scholarship in ceremonies held in April. Pictured here is Marie Giardino, far left, program director, with scholars Briant Buckner, a second-year photo student; Gail Walton, a first-year hospitality and service management student; Josh Torres, a third-year illustration student; Terence Beresford, a first-year student in the Center for Multidisciplinary Studies; Kristen Langelier, a third-year photo student; and Robert Winterkorn, a fourth-year information technology student. Absent from the photo is Christopher Copeland.



DAVIS SCHOLARS 2001 . . . The annual Davis Scholarship Awards luncheon gave special recognition to student leaders who significantly contribute to campus life. The winning scholars are Eric Barner, Alim Chandani, Chamrooun Dee, Heather Ellwanger, Johan Giraldo, Asthika Goonewardene, Adiel Gouldson, Burcak Guclu, Lakeshia Haynes, Philip Jones, Akemi Kotoriy, Christine Kim, Erick Littleford, Keval Mehta, Jeffrey Metcalf, Kristin Metz, Joshua Murphy, Renaé Powell, Jeffrey Prystajko, Qing Quan, Elizabeth Sarkin, Kevin Sheldon, Tremaine Shelton, Reina Smith, Kelley Sullivan, Jennifer Vervelde and U-Wen Wong. Also included in the photo are Alfred Davis, RIT vice president emeritus, and Brunhilde Knapp, in the lower left corner, and Nancy Burke, president, RIT Women's Council, and Mary Lu Brooke, RIT trustee, in the lower right corner.

RIT honors student athletes of the year

RIT athletics recently presented its 2000-01 awards at its year-end banquet.

Senior ice hockey player Peter Bournazakis was named the men's senior-athlete award winner. Bournazakis, a first-team All-American this season and a first-team ECAC West selection, led the nation in power-play goals. He will graduate as the school's second all-time leading scorer with 231 points.

Amie Banis and Krissy Mamon shared the women's senior-athlete award.

Banis led the women's basketball team to a school-record 10 wins this season, and is the only 1,000-point scorer in the 12-year history of the program. She graduates as the program's all-time leader with 1,448 points, and holds virtually every scoring record at RIT. She was a second-team All Empire Eight selection this season.

Mamon is a starting pitcher for the Tigers softball team, which is 32-7 and heading to the NCAA tournament for the first time. Mamon has an 18-2 record on the season with a 1.34 earned run average. She has fired three no-hitters, including a perfect game this season. Mamon will graduate holding at least 11 school records for pitching.

Senior baseball pitcher Mark Breitenbach was awarded the Ellingson Award for academic and athletic achievement. Breitenbach has a 3.95 grade point average in computational math, and is involved in a variety of extra-curricular and charitable activities. The baseball team's closer, Breitenbach leads the team with six saves this season and has a 4.60 ERA. His six saves are one shy of the school record.

Second-year student Lauren Long was awarded the A. Steven Walls Leadership Scholarship. Long is a member of the women's basketball team, where she was an honorable mention All Conference selection, and the women's crew team. She is a part of

the women's varsity eight crew that won the Stonehurst Regatta in the fall.

She has been involved with a number of community projects, including breast cancer walk, Coaches vs. Cancer, and Rent a Rower as part of the basketball and crew teams. During the summer, she volunteers with Youth Challenge in Cleveland, partnering with disabled children in recreational activities.

Senior Casey LaFrance was awarded the Ray Bell Award, for outstanding contributions by a student athletic trainer.

The Coaches' Appreciation Award was given to Shirley Besanceney of the campus safety office, who helps coordinate transportation for all of the athletic teams. ■



OUTSTANDING ADULT STUDENTS . . . Each year the Rochester Area Colleges Continuing Education consortium honors adult learners who have excelled despite the many challenges presented by work, family and community obligations. This year's winners from RIT are Charmian Sercu, applied arts and science, A.A.S.; Christine Christiansen, telecommunications engineering technology, B.S.; and Kenneth Ferguson, M.B.A.

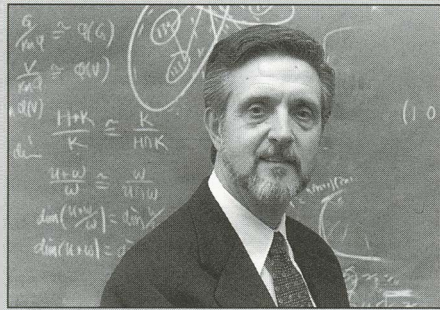
Eisenhart Award Profiles

Since 1965, RIT's Eisenhart Awards for Outstanding Teaching have honored and celebrated faculty excellence. Up to four awards are given each year to recipients in various RIT programs. Winners are chosen through rigorous peer review of student nominations. This year, four professors will receive the awards during the academic convocation on Friday, May 25.

The Eisenhart family, for whom the awards are named, has a long history with RIT. The late M. Herbert Eisenhart, president and board chairman of Bausch & Lomb, was an RIT trustee for more than 50 years. Richard Eisenhart continues the RIT connection, serving on the board since 1972, as chairman for six years and now as trustee emeritus.

George Georgantas, College of Science

Learning and teaching others—sharing knowledge—has great personal importance to George Georgantas, professor of mathematics and statistics. The son of Greek immigrants, Georgantas is thankful for the educational opportunities he



George Georgantas

has had, especially since his parents and grandparents did not have similar options. Due to hardships and the need to work, his

grandparents never went to school at all; his parents did not complete elementary school.

To Georgantas, winning an Eisenhart Award for Outstanding Teaching validates his efforts to educate. "It's an honor to receive the Eisenhart Award and because of my own family background, it's personally significant."

As a freshman in college, Georgantas couldn't decide what to study. His interests pulled him toward mathematics, philosophy, archeology, chemistry and classical languages. He also considered the priesthood, and the merchant marine academy. Tugged in different directions by curiosity, Georgantas ultimately chose mathematics. And once he had picked his discipline of study, he settled in to learn everything he could about mathematics, earning his bachelor's from the University of Rochester in 1963, his master's from Washington University in 1965, and his doctorate from State University of Buffalo in 1971.

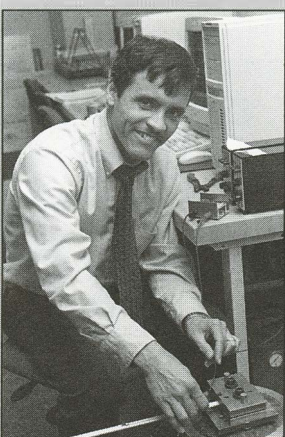
Georgantas joined RIT in 1975 and, five years later, became head of the department of mathematics and statistics, a position he held for 15 years. Under his leadership, the department developed strong ties with business and industry, and more than doubled in size in faculty and number of student majors.

He returned to full-time teaching in 1995, teaching a variety of courses ranging from calculus to theoretical courses in abstract algebra. Then, in 1998, he took over a distance-learning course from an ailing colleague and became intrigued by the challenge.

He takes distance learning seriously and structures his classes to give his students a benchmark of where they should be throughout the quarter. He also encourages frequent communication and maintains daily contact with many of his students.

Georgantas takes satisfaction from what he calls "the big challenge" of making an impersonal distance-learning class personal. Most of Georgantas' distance-learning students are engineering technology majors scattered all over the globe. One technique he uses to personalize his courses is to have students scan photographs of themselves to share with the class. Georgantas is considering writing a textbook based on the notes he has developed for teaching calculus for engineering technologists via distance learning.

Equally important as teaching to Georgantas is his involvement in the Greek Orthodox Church of the Holy Spirit on South Avenue, where he directs the church choir. His wife, Irene, is the organist. He is also the advisor for the Orthodox campus ministry program at RIT and UR.



Hany Ghoneim

Hany Ghoneim, Kate Gleason College of Engineering

It may surprise colleagues that Hany Ghoneim once played semi-professional soccer, albeit for only one season. That's because this self-professed shy engineer doesn't boast about it, even though he's one of few ever to play semi-pro soccer while pursuing a master's degree in mechanical engineering from Cairo University in

his native Egypt.

That was in 1975 when Ghoneim played right wing for the Zamalek Club of the Egyptian Soccer League. Even then he knew there would be life after soccer, so preparing to win—in work, in play and in all aspects of life—became a way of life for the one-time semi-pro.

Playing soccer, he says, prepared him well for later in life as it taught him the importance of teamwork, staying healthy and the ability to accept defeat. "It was an enriching

experience," he says. "No matter how prepared you are, there's still an element of humbleness." It also was hard work, he says, with twice-daily practices and extensive travel.

Many of the same qualities Ghoneim learned from soccer are transferable to the classroom, he says. "Universal factors of success, in any job, anywhere, are sincerity and dedication," he says. "And you have to love what you're doing. That almost guarantees success in anything you do."

He continues: "When it comes to teaching, the element of caring about students must be there, too. And, especially in engineering, you have to bring practical experience to class so you can stimulate and motivate students."

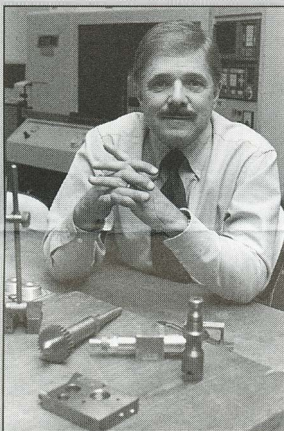
After earning his doctorate in mechanics and material science from Rutgers University, Ghoneim began at RIT as an assistant professor of mechanical engineering in 1983. He became associate professor in 1989 and this year, in July, he will become a full professor.

"To win this award means a lot," Ghoneim says, pointing to a large number of other deserving, devoted and outstanding RIT faculty members. "It's very satisfying, very pleasing and very rewarding. I mean it from the heart: RIT is one of the best in the country."

Ghoneim and his wife, Nadia, have three children, Dina, a first-year biology major at RIT, Dalia, a student at American University of Cairo, and 4-year-old Shereef.

Ghoneim, vice chairman of the Islamic Center of Rochester, shares additional secrets to success: "It's being yourself that's key," he says. And in life, as in soccer, "You must always prepare to win."

Clearly, that's something he has accomplished. As one of his students, fourth-year mechanical engineering major Amanda Curry, says, "Dr. Ghoneim is one of the best professors I've had at RIT."



Sidney McQuay

Sidney McQuay, National Technical Institute for the Deaf

On Sidney McQuay's wall is a framed, embroidered message, a 1984 gift from a former student's mother. It reads: "For his vast and always available supply of love, wisdom and patience, Sidney L. McQuay truly deserves the name of Professor and Friend." On the back, the student, Gary King Jr., wrote, "Doc, thanks for all your caring."

For each of the 29 years McQuay has taught manufacturing and design technology at RIT, mostly at the National Technical Institute for the Deaf, he has received hundreds of notes and holiday cards from his students expressing similar sentiments. He saves many of them.

"Having technical skills is important to earn a living," says McQuay, who spent 10 years in the engineering industry before he started teaching, "but what I enjoy most is providing the experiential education, teaching lifetime skills."

McQuay enriches his students' professional and personal lives in a wide variety of ways. He says his students are like extended family, and he enjoys mentoring them inside and outside the classroom. He encourages his students to get involved with extra-curricular projects, such as making parts for the RIT Baja vehicle, that are relevant to the coursework, and will help them find their personal niche, as well.

"I tell them, 'reach into your heart, find a career area that you are passionate about and then follow your dream,'" McQuay says.

Former student David Colwell says it was because of McQuay that he decided to enroll in the manufacturing processes technology program.

"It was one of the best decisions I ever made," Colwell says. He later earned a bachelor's in engineering technology, and became a partner in a machining company, seeking McQuay's advice along the way.

Today, former student Colwell is now McQuay's colleague. "Sidney McQuay has a following of students that is unequalled," Colwell says. "I have co-taught with him and he gives his best every day, every week, every month, every year."

While McQuay has served as a mentor and an inspiration to hundreds of young people, one might wonder what inspires him.

Without hesitation, he reaches for *Blazing New Trails*, a history of RIT by George Wilson Hoke, and reads its dedication: "To the master builders as a record of their service in pointing the way to an education for the making of a living and for the living of a life not as two processes but as one."

"That sums it up for me. That is the essence of a quality education," he says. "At the end of the day, if each of us can

say, 'RIT is a better place because I came to work today,' then it will be.

"This job is 10-fold more rewarding and enjoyable than any other job I could dream of having," McQuay says unequivocally. "If I could do it all over again, I wouldn't change a thing."

While he is thrilled to receive the Eisenhart Award, McQuay credits his wife, Kandy, for her unconditional, selfless support from the very beginning.

"There's no way possible that anyone can arrive at any level of success without support," McQuay says. "It was her sacrifice that allowed me to follow and realize my dream."

After 29 years of teaching, McQuay is far from bored. "When you think you've mastered it, you're fooling yourself," he says flatly. "The dynamics of the students are changing all the time—their needs, their personalities. I try to reinvent and challenge myself, and to find different ways to motivate the students. You can't instill excitement unless you're excited yourself."

McQuay and his wife have one daughter and two grandchildren. He holds a Ph.D. in technical/industrial education from the University of Connecticut, and his master's and bachelor's degrees in technical/industrial education from State University of New York, Oswego.

John Sanders, College of Liberal Arts

To John "Jack" Sanders, winning an Eisenhart Award for Outstanding Teaching means more the second time round.

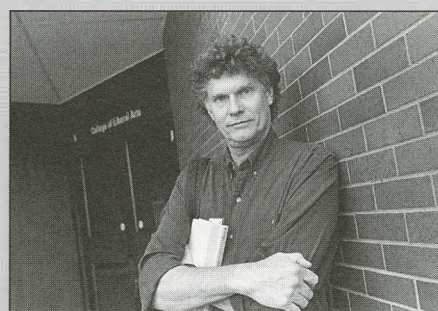
He won his first Eisenhart in 1980, four years after joining RIT's College of Liberal Arts as an assistant professor of philosophy. Now, 21 years later, Sanders is honored again, this time as a full professor with numerous achievements.

"It reassures me that I'm teaching OK," he says. "And coming later in my career is gratifying in a way. It's nice to get the support and acknowledgment from my colleagues and students."

Winning an Eisenhart Award for Outstanding Teaching reflects Sanders' efforts to make philosophy classes available as a distance-learning option. He has developed four different distance-learning classes and typically teaches one half of his courses per quarter in this way. He puts a lot of effort in to his distance-learning classes, trying to make them even better than the courses he teaches in the classroom.

Sanders also has taught in classrooms overseas. In 1995-96 he was a visiting Fulbright Professor at the Institute of Philosophy and Sociology at the Polish Academy of Sciences in Warsaw. In the fall of that year he visited the University of Helsinki to teach part of a series of Inter-Nordic graduate courses in philosophy.

Since 1997, he has traveled to Prague each year to teach a two-week, intensive class in Ethical Issues of Business and Government at the RIT-affiliated U.S. Business School.



John Sanders

Because the class begins May 28, Sanders will miss the Eisenhart Award ceremony and commencement.

The summer for Sanders

promises to be busy, a pace that he seems to enjoy. He is writing two books on philosophy and preparing to become chair of the philosophy department, a position he previously held from 1986 to 1988 and 1977 to 1982.

In his spare time, Sanders enjoys being with his family and tracking his family's genealogy, a pastime he finds absorbing. "It's endlessly interesting."

Sanders, who joined RIT in 1976, received his master's and doctoral degree in philosophy from Boston University in 1972 and 1977, respectively. He earned two separate bachelor's degrees in philosophy and psychology from Purdue University in 1968 and had spent a year of study at the Universitat Hamburg.

Nominations now accepted online

Nominations of RIT faculty for the Eisenhart Outstanding Teaching Award can now be made at any time of the year using the online ballot at <http://www.rit.edu/~gtfsbi/Symp/ballot.htm>. Nominations submitted using this online ballot will be retained by the Eisenhart Awards coordinator until the deadline for each year's paper ballot nomination (usually in early December), at which time all nominations received will be forwarded to the Eisenhart Award committees.

Mentoring relationships flourishing throughout RIT

Maybe a teacher spent extra time after class, helping you see the light. Perhaps an upper-level student guided you through a tough transition. Or possibly an older professional took you under her wing until you could soar on your own.

Mentors take many forms, and they can be found in every area of RIT. Whether brought about by organized programs or through spontaneous connections, these relationships are incalculably beneficial—to the mentor and mentored.

"I love the mentoring process," says Mariama Boney-Padilla, associate director of the ALANA Cultural Affairs program. "I have had many mentors, starting with my father. Mentoring presents students with an opportunity to learn so much."

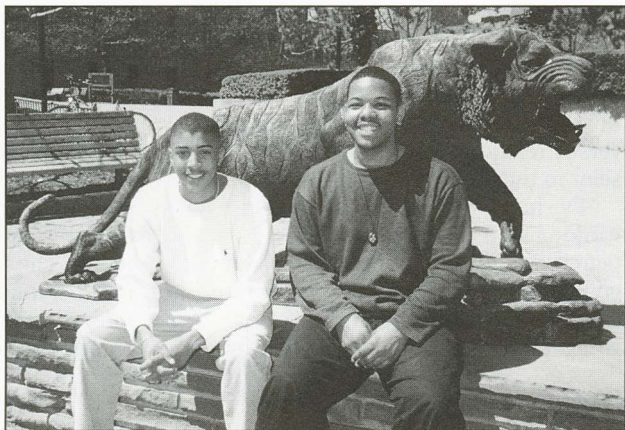
ALANA Cultural Affairs sponsors a thriving peer mentoring program aimed at helping first-year African American, Latino/Hispanic, Asian American and Native American students make the transition to college life. Mentors are upper-level students who volunteer their time. All incoming ALANA students are offered the opportunity to be matched with a mentor, and about 25 percent—50 first-year students—participated this year, says Boney-Padilla.

Independence—making the break from home—can be an issue for first-year students, says Joel Lomnick, a second-year electrical engineering major from Rochester. A mentor can help with that transition and also can provide

academic support.

"There's a psychological boost," adds Lonnie Parker, a first-year electrical engineering major from Pittsburgh, Pa., whose mentor is Lomnick. "You see someone from your own major of your own race who is having success."

Providing role models is the principle behind MentorNet, the National Electronic



First-year electrical engineering major Lonnie Parker, left, and his mentor, second-year EE student Joel Lomnick, discovered many common interests.

Industrial Mentoring Network for Women in Engineering and Science. RIT's Kate Gleason College of Engineering joined the three-year-old MentorNet at the beginning of the academic year, with 10 students participating in this Internet-based program that pairs women engineering students with working engineers.

"When I survey women students, the one thing that comes out loudest is the lack of role models," says Margaret Anderson, assistant dean for student services. "MentorNet lets students connect with successful women in their field."

Joanna Kiljan, a graduate student in microelectronic manufacturing engineering, was paired with an electrical engineer at Handspring, a manufacturer of personal digital products. Kiljan says they've communicated about many aspects of work, and her mentor gave her useful advice on applying for a co-op job.

Anderson also encourages women engineering students to participate in RIT's

Women's Mentoring Program, now organized by the Women's Center, which this year matched more than 120 mentors and mentees (see *News & Events*, Feb. 8, 2001).

One of the main objectives is to help female students feel confident in a male-dominated campus environment. Like the ALANA program, this is a peer-mentoring system, pairing incoming students with second-through fifth-year women. ■

NCR³ machine to overhaul auto repairs

If your car makes a clicking sound when you make a turn, your constant velocity (CV) joint probably needs to be replaced. But should that be with a brand-new part or a remanufactured one? That's the dilemma consumers face, especially when it comes to remanufactured auto parts that don't always have a standardized measure of testing.

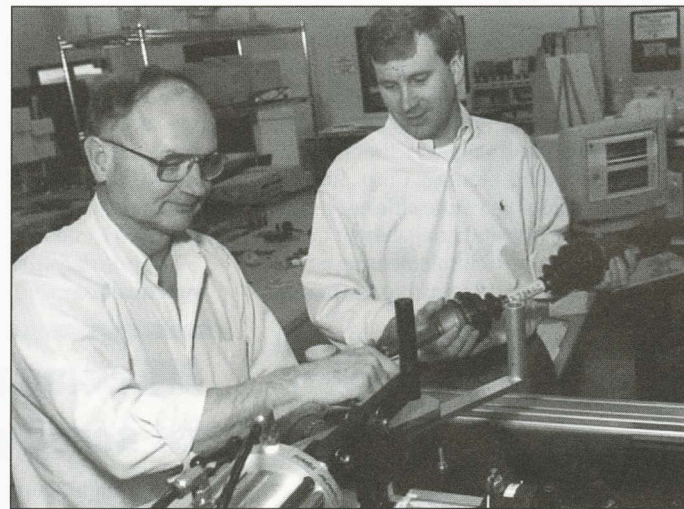
Thanks to the National Center for Remanufacturing and Resource Recovery (NCR³), consumers can know that remanufactured CV joints have met testing requirements that show they are at a like-new condition, before being installed in a vehicle.

This is a breakthrough for labor-intensive repairs like CV joints. To date, there have been few choices for cost-effective evaluation of remanufactured automotive parts.

To ensure that remanufactured CV joints meet performance standards, NCR³ has developed a patentable CV joint-testing machine—CV Joint Test Fixture mod II. Mod II combines scientific criteria with a low-cost machine to help remanufacturers pinpoint CV joint failures pre-sale, without tearing down the entire part.

"This machine is a breakthrough for us and, ultimately, the entire remanufacturing industry," says Nabil Nasr, director of NCR³.

The machine evaluates the quality of remanufactured constant velocity joints by moving the CV joint the way it would move in an automobile. "Signals" from the joint, such as changes in vibration or temperature, are picked up and analyzed. An irregular pattern in vibration, for example, could indicate a failure in one of the components.



Bill Morris, left, a mechanical technician at NCR³, and Scott Nichols, senior staff engineer, explain how the CV joint test machine works.

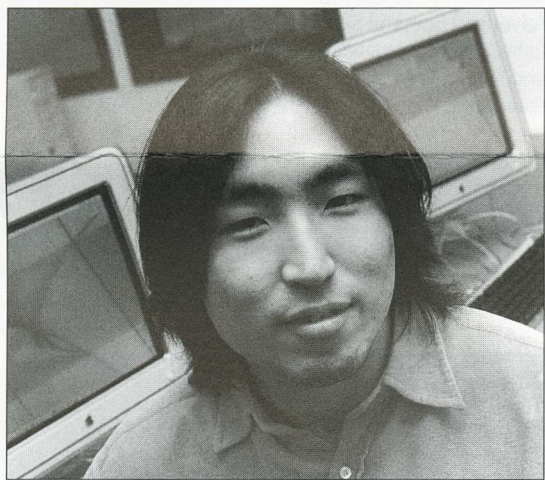
The test machine was developed by a team of NCR³ engineers, an RIT mechanical engineering professor and a number of graduate students. Innovators on the pending patents are Kevin Kochersberger, a mechanical engineering professor, and graduate student Gregory Kacprzyński.

The information generated by the test fixture is processed by diagnostic software, also patent pending, developed by NCR³ engineers. The software runs on a computer connected to the fixture, analyzes the data in real time and tells the operator whether or not the joint is flawed.

Because it has a short cycle time and a cost-effective design, mod II is accessible to remanufacturers as an end-of-line quality inspection tool. Such tools may help remanufacturers confirm their compliance to performance specifications.

"Remanufacturers compete in a market where 'new' is often equated with 'better,'" Nasr says. "With mod II, we are answering a fundamental need for evaluation in the remanufacturing industry. This is our most versatile tool to date; it is truly advanced technology for remanufacturers." ■

RIT-JAPAN PARTNERSHIP YIELDS FIRST GRADUATE . . . Daisuke Asano, right, recently became the first student to graduate from RIT after completing studies here through a partnership with Kyoto Computer Gakuin in Japan. After finishing undergraduate coursework in Japan, including RIT-produced and other courses, Asano studied at RIT for 1 1/2 years and earned a master's degree in information technology. Seven other students sponsored by Kyoto Computer Gakuin are currently studying through the partnership and 20 are anticipated each year. Asano has already secured a position as a network engineer with Cisco Systems Inc. in Tokyo, where he'll begin July 1 following a visit to Italy. "It was a very good experience," Asano says of his time at RIT, which marked his first stay in the United States.



R · I · T

Reunion 2001 info

Held in conjunction with Brick City Festival, Oct. 12-14, Reunion 2001 will feature hospitality events, college-based alumni seminars, reunion dinners and top entertainment. Alumni classes of 1950-52, 1975-77, and 1990-92 will return to campus en masse to celebrate their special anniversaries. For more information on Reunion 2001, contact Carol George, director of reunion giving, 5-7625 or crgdar@rit.edu; or Catherine Bement, associate director of alumni relations, 5-4975 or cxbrar@rit.edu.

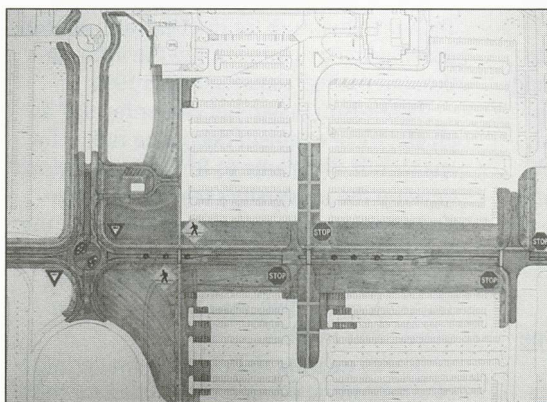
Spring has sprung—and so have RIT construction projects

This issue's *Lay of the Land* column offers a round-up of key construction projects on campus, some already underway, many soon to begin.

RIT's Facilities Management Services has ambitious projects to manage this summer, from groundbreaking for RIT's newest buildings to significant roadway renovations.

RIT's main campus road, Andrews Memorial Drive, will see major changes this spring as part of an overall roadway rehab effort. As a result of a comprehensive safety audit, the Institute will install new lighting along the entire length of Andrews; relocate and improve visibility of major crosswalks; reduce Andrews' traffic lanes from four to

three between Lomb Memorial Drive and J-lot, and construct a raised-center median in that area; and, in a major innovation—construct a "round-a-bout" at the intersection of Andrews and Lomb. (See illustration.)



The "round-a-bout", left, at the intersection of Andrews and Lomb

The roadways project will include Lowenthal Road, Institute Drive and CIMS Crescent; and, potentially, completion of the southern portion of Andrews (from Wiltsie Drive to the Library Loop Road). To offer improved parking, RIT will resurface parking lots E, V, G and H and add approximately 230 parking spots to these lots.

Driving conditions will vary as work progresses but flagmen will be present during the entire process to keep traffic moving, reports Marty Becker, director, Facilities Management Services.

Construction of new buildings will start or continue on a number of fronts this summer

and fall. The 8,500 square-foot IT Lab, the westernmost academic building on campus, will link to the west side of the CAST Building.

The L-shaped building for the B. Thomas Golisano College of Computing and Information Sciences will be on the east side of the CAST Building, going north and south. Design of this 126,500 square-foot addition to the CAST Building will progress during the summer; construction could start in late fall.

Construction of six free-standing Greek Houses (two sorority and four fraternity) is underway just west of the new Crossroads Café, with completion expected by the end of August. Each will house 16 students. In the University Commons Apartments, located south of Ross Building on the south side of Andrews Memorial Drive, six additional apartment buildings—each with eight, four-person apartments—should be wrapped up in early August.

Residence Hall renovations of 13 buildings, a five-year project slated for completion the end of this summer, concludes with Peterson and Bell.

And, last but not least, air conditioning work will begin after graduation in the George Eastman Building, with some departments in B and C wings relocated for the summer. The work includes installation of new energy efficient windows. In addition, B wing will have a new roof and significant masonry repairs made to the brick on the east side. ■

Redder named head of alumni relations



Kelly Redder

Kelly Redder will become RIT's new executive director of alumni relations starting May 21.

"I'm excited to be joining the alumni relations team," Redder says. "There's a lot of energy and enthusiasm in that office, and I know

we'll be able to accomplish a great deal together."

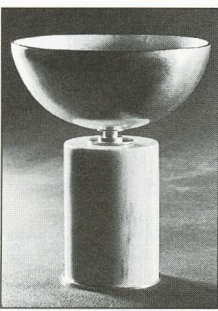
Redder, a resident of Seneca Falls, comes to RIT from the University of

Rochester, where she was college director of alumni and parent relations and university associate director of development since January 1999. Last year, she planned and executed the regional celebrations of the UR's 150th anniversary. Prior to that, she worked in the office of alumni relations at Ithaca College, including four years as associate director and acting director. She also served as director of alumni relations at College Misericordia.

Redder has a B.A. in anthropology from State University of New York at Potsdam, an A.A.S. in math and science from North Country Community College, and an A.A.S. in pre-professional forestry from Paul Smiths College of Arts and Sciences. ■

Quality Cup winners saluted for excellence

RIT and *USA Today* announce the winners of the 2001 RIT/*USA Today* Quality Cup competition. The award recognizes winners for their outstanding contributions to improving the quality of products and services they provide.



RIT/*USA Today*
Quality Cup

Quality Cups were awarded in five categories.

- Government—Tennessee Valley Authority, Chattanooga, Tenn., for redesigning the integration of operational processes;
- Health Care—Wilkes-Barre General Hospital, Wilkes-Barre, Pa.,

for reducing the incidence of infections in post-operative heart-surgery patients;

- Manufacturing—Omega Corp., Roy, Utah, for developing a more efficient product development cycle; and Longaberger Co., Frazeyburg, Ohio, for implementing a new method of material delivery into the manufacturing process;
- Service—Providian Financial Corp., San Francisco, Calif., for designing initiatives that reduced complaints and improved customer retention; and

- Small Business—Wes-Tex Printing, Brownwood, Texas, for expediting production while maintaining product quality.

Unlike other national awards, the Quality Cup honors small teams of employees, not whole companies or divisions. Through teamwork and Total Quality Management principles, the winners cut costs, solve problems and increase efficiency.

RIT and *USA Today* received 146 nominations from Fortune 500 companies, government agencies, educational institutions, health care organizations and small businesses nationwide. All entries were reviewed by officials at the College of Business, *USA Today* and a panel of independent experts.

The competition, in its tenth and final year, was developed by Richard Rosett, former College of Business dean. The Quality Cup itself—a solid silver goblet suspended atop a marble column—was designed and crafted by Leonard Urso, a sculptor, silversmith and professor in the School of American Crafts.

For more information, log onto www.qualitycup.org. ■

RIT women nominated for accomplishments

Two RIT faculty members were nominees for the first IT Woman of the Year award presented April 27 by the Women's Council of the Greater Rochester Metro Chamber of Commerce.



Edith Lawson

Edith Lawson, chair of information technology in the B. Thomas Golisano College of Computing

and Information Sciences, and Carol Richardson, chair of electrical, computer and telecommunications engineering technology in the College of Applied Science and Technology, were among 16 nominees for the award highlighting professional achievements and contributions advancing women in the information technology field.

"It was an honor to be one of the nominees for IT Woman of the Year and to share recognition with other outstanding women in the community for my accomplishments

in RIT's information technology department," says Lawson, chair since 1996. "I hope this will inspire young women to pursue opportunities in technical fields and to aspire to future leadership roles."



Carol Richardson

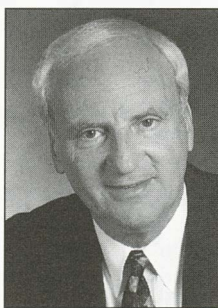
At RIT, Lawson taught at the National Technical Institute for the Deaf and in computer science before joining the information technology department in 1994.

Richardson began her career in 1967 as an electrical engineer designing radios for spacecraft. She came to RIT in 1978, helped develop the university's telecommunications engineering technology program, the first in the nation accredited by the Accreditation Board for Engineering and Technology in 1989, and became department chair in 1995.

"It was exciting to be part of that group of outstanding women nominated for the award," Richardson says.

The award went to Barbara Kunkel, director of information technology at the law firm, Nixon Peabody LLP. ■

Robfogel announces retirement from RIT



Nathan Robfogel

Nathan Robfogel will retire from his position of senior counselor to the president as of July 1, President Albert Simone announced.

Robfogel served as a member of the Board of Trustees from 1985 to 1996, chairing, in particular, the university relations core committee. In 1996, he resigned from the board to become vice president for university relations. He became senior counselor to the president in December 1999.

"I've had a very exciting five years working with a dynamic leadership team," Robfogel noted. "We have a lot going for us as we move into the future, and I am confident that the areas for which I had responsibility will continue

to have outstanding leadership," he added, citing RIT's growing enrollment, high educational standards, expanding programs, and outstanding facilities.

"Throughout all of these years and assignments, Nick has been a loyal supporter of RIT," President Simone said. "His network in the Greater Rochester Community and beyond has been extensive and comprehensive, benefiting RIT in myriad ways. His counsel, at all times, has been wise, thoughtful, sensitive, and above all else, balanced. He is a consummate team player."

Robfogel plans to be of counsel on a part-time basis to his former law firm, Harter Secrest & Emery LLP, where he will focus on alternate dispute resolution and government relations work and will continue his many community involvements. The former Monroe County Democratic Party chairman also says he intends to return to politics as "an active elder statesman." ■

STAR Center (from page 1)

In addition, the *IT Collaboratory* will focus on four areas of research: microsystems, photonic systems, remote systems and high-bandwidth telecom networks. The STAR Center includes partners University of Buffalo and Alfred University. RIT's team, led by *First in Class* Director Donald Boyd, included faculty from the Chester F. Carlson Center for Imaging Science, Kate Gleason College of Engineering, the B. Thomas Golisano College of Computing and Information Sciences and the College of Science.

Facilities that will contribute to the STAR Center include:

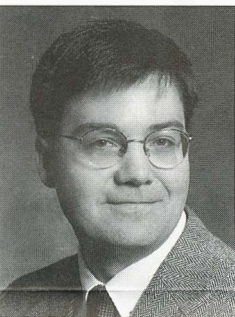
- RIT: Laboratory for Sensor Research, Laboratory for Advanced Spectral Sensing, Laboratory for Image Algorithms and Systems, Microsystems Fabrication Lab (which will be doubled in size with a major building addition), and IT labs
- UB: Institute for Lasers, Photonics and Biophotonics
- Alfred: School of Ceramic Engineering and Material Science



Intent listeners included (far right) Joseph Clayton, president of North America, Global Crossing, and Donald Boyd, IT Collaboratory director.

Buckley wins Provost's Award

This year's Richard and Virginia Eisenhower Provost's Award for Excellence in Teaching goes to Larry Buckley, assistant professor in the department of biological sciences in the College of Science.



Larry Buckley

Buckley joined RIT in 1998, following a postdoctoral fellowship at the National Museum of Natural History-Smithsonian Institution in

Washington, D.C., where he worked in the department of vertebrate zoology.

Buckley earned his doctorate in zoology from Southern Illinois University at Carbondale, his master's in biology from SIU at Edwardsville, and his bachelor's in biology at the University of Missouri.

The author of numerous publications, Buckley's research focuses on reptiles and amphibians, with emphasis on iguanid lizards. As a scientist, he explores herpetology and mammalogy, evolutionary theory, vertebrate evolution and biogeography, molecular systematics and evolution, comparative anatomy and population genetics.

A firm believer in the value of fieldwork, Buckley's own research has taken him to the Great Smokey Mountains National Park, Honduras, the Yucatan Peninsula of Mexico and Panama.

"Field labs are essential if students are to understand the research component of modern scientific inquiry," Buckley says. "It has been my own experience that, if done correctly, students enjoy and learn a great deal about the discipline, their own interests and their abilities, from field studies."

Biological computing also has played a significant role in Buckley's professional development.

"With the explosive increase in the scope and power of biological computing, it is imperative that students have the opportunity to become competent in biological computing, in order to gain experience both in the acquisition of knowledge and in its practical applications," Buckley says. ■

Obituary

Ruth Lunt

Ruth Lunt, poet and retired RIT librarian, passed away April 30 after a long battle with cancer. She served at RIT from 1964 to 1992. To celebrate Lunt's life, a candlelight celebration will be held at 8:30 p.m. on Friday, June 8, with a service at Hopkins Point Lodge, Mendon Ponds Park. Contributions can be made to one of the following: Writers and Books, 339 East Ave., Rochester, NY 14604; Highland Park Horticultural Fund, 180 Reservoir Ave., Rochester, NY 14620-2729; or Hospice of Rochester, Genesee Region Home Care, 70 Metro Park, Rochester, NY 14623-2608.

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Rochester Institute of Technology
One Lomb Memorial Drive
Rochester, NY 14623-5603

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