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News & Events

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Introducing RIT's Class of 2003

RIT welcomes thousands of parents and family members, friends and the Institute community to its 118th annual commencement ceremonies, May 23-24. President Albert Simone will confer degrees on 3,510 undergraduate and graduate students, including 290 from the School of American Management and Technology in Dubrovnik, Croatia, during Academic Convocation and college graduation ceremonies.

RIT's 2003 Academic Convocation features an address by Sen. Chuck Schumer. (See related story). The May 23, 7:30 p.m., address follows a 6:15 p.m. reception and festivities outside the commencement tent.

During convocation, RIT also recognizes the excellence of its students and professors. The ceremony hails RIT

honors students—10 of whom were selected as college delegates—and professors who won Outstanding Teaching



Awards. Victor Silva, delegate for the College of Business, will deliver the student address.

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

"Students are what the university is all about," he adds. "Our celebration honors our graduates and offers a culminating experience for them, their families and friends; a capstone of their time at RIT; and a fitting finale to years of hard work and sacrifice."

RIT's eight colleges celebrate commencements in individual ceremonies—with banners, music, food and exhibits—on Saturday (see schedule at left). The student delegates will each speak at their respective ceremonies.

"Graduation is the highlight event of the university community," says Stanley McKenzie, provost and vice president for academic affairs. "The RIT community—our faculty, staff and trustees—congratulates the graduates and their families, and wishes them continued success."

The Academic Convocation and all degree ceremonies will be sign-language interpreted and real-time captioned. Tickets are not necessary; seating is on a first-come, first-served basis.

To help visitors with questions, information booths will be located around campus. ■

Commencement ceremony schedule

Friday, May 23

Academic Convocation

Pre-convocation reception:

6:15 p.m., Tent

Convocation: 7:30 p.m., Tent, featuring keynote address by Sen. Chuck Schumer, and student address by Victor Silva

Saturday, May 24

• College of Applied Science and Technology, 8:30 a.m., Tent

• College of Science, 8:30 a.m., Clark Gymnasium

• College of Business, 9 a.m., Ritter Ice Arena

• National Technical Institute for the Deaf, 11 a.m., Clark Gymnasium

• B. Thomas Golisano College of Computing and Information Sciences, 11:30 a.m., Tent

• Kate Gleason College of Engineering, noon, Ritter Ice Arena

• College of Liberal Arts, 1 p.m., Clark Gymnasium

• College of Imaging Arts and Science, 2:30 p.m., Tent

No tickets are needed for events; all ceremonies are sign-language interpreted and real-time captioned.

Live Web-streaming at www.rit.edu/commencement.

Sen. Chuck Schumer to deliver RIT commencement address

United States Sen. Charles Schumer will deliver RIT's Commencement Address during the 7:30 p.m. Academic Convocation on Friday, May 23.

In the past 25 years, Schumer has become known as a leader on national issues and a tireless fighter for New York. The Rochester Democrat and Chronicle called him "an accomplished, far-sighted legislator," while *The New York Times* wrote that he "is a more serious lawmaker with more rooted values, sounder policy positions and a deeper commitment to the common good."

Throughout his 20 years in Congress, Schumer has been a pioneer in the fight against crime. He authored the Omnibus Crime Bill, which put 100,000 new police officers on the street, enforced the "three strikes and you're out" sentencing, and created after-school programs for troubled teens.

A leading sponsor of the Brady Bill, with mandatory background checks for handgun purchases, Schumer co-wrote the Assault Weapons Ban and sponsored the Hate Crimes Statistics Act and Hate Crimes Prevention Act. He authored the Anti-Auto Theft Act requiring car manufacturers to mark vehicle parts with an indelible ID number.

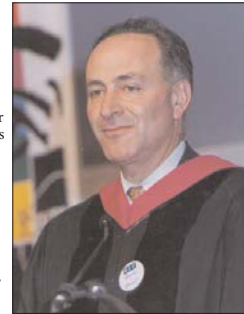
Also an advocate for women's rights, he authored the landmark Violence Against Women Act, the first federal legislation protecting women against domestic abuse. He sponsored legislation in the Senate that provided \$125 million in funding for rape

kit testing and \$100 million for the Sexual Assault Forensic Examiners program.

Schumer has made New York's economy a top priority with particular success in bringing affordable air service to Upstate and Western New York. The senator also established an Economic Development Initiative, a comprehensive effort to attract new businesses and financial resources to Upstate New York.

Improving access to quality education is another of Schumer's long-term priorities. In that work, he led the charge in Congress to make college tuition tax deductible, for the first time in history.

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Sen. Chuck Schumer



RATHER AT LIBERTY HILL... Dan Rather, CBS Evening News anchor and managing editor, center, paid a visit to Liberty Hill, home of RIT President Albert Simone and his wife, Carol, on April 23. In town courtesy of WROC-TV, Rather spoke on education, the military and oil dependency, saying, "We must decrease our dependency for oil... we need a leader who will make this a high priority for the sake of our children."

Just 72 hours prior to his visit, Rather was covering the war with Iraq in Baghdad.

RIT bids for presidential debate

From Kennedy vs. Nixon to Gore vs. Bush, presidential debates have become a slice of American history. RIT wants to be a part of that history in a quest to host a presidential debate in 2004.

The Commission on Presidential Debates recently visited RIT, considering it among 13 other potential debate sites. In 2000, three debates were held on university campuses.

"Hosting this event would be a tremendous opportunity to enhance RIT's national and international visibility," says Deborah Stendardi, associate vice president for government and community relations. "Importantly, it would be a tremendous source of pride for our alumni and members of the RIT community. Over 2,000 journalists would cover the event. It would give the candidates and the national and international media an opportunity to see the important contributions RIT is making in education and research to meet the needs of the global economy in the 21st century."

The idea for hosting the debate surfaced in planning RIT's 175th anniversary, which kicks off with Commencement 2004, and

was encouraged by RIT President Albert Simone and Board Chairman Bruce James.

"Hosting this event during RIT's anniversary year would provide an exceptional educational opportunity for students, alumni, faculty and staff of this university, as well as for the greater Rochester community, to recognize and appreciate the relationship between education, citizen participation and the democratic freedoms that we enjoy," says Simone.

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



"SPIRIT OF EXPLORATION" ROARS ON... President Albert Simone and Jennifer Goodwin, third-year illustration major, enjoy a moment with RIT's entry in the community-wide "Animal Scramble." Named "SpiRIT of Exploration," it represents the various dimensions of RIT's academic and co-curricular programs. "SpiRIT" will be displayed on campus through Commencement weekend, first on the seventh floor of the George Eastman Building, and later, outside the commencement tent. His "home" for the summer will be Frontier Field. Jennifer won a student competition to design RIT's Animal Scramble entry.

2003 College Delegates

College Delegate Selection

Each college selected one student representative (Business has selected two) to be part of the Commencement delegation. Student delegates were selected for personal achievement demonstrating the ideals of RIT, including, but not limited to, academic achievement.



John Reaghart

College of Applied Science and Technology

John Reaghart, a telecommunications engineering technology major from Clarion, Pa., was a recipient of an Alumni Scholarship and was named to the Dean's List 10 of 12 quarters. As an honors intern with the FBI cryptographic/electronic analysis unit in Washington, John trained in computer forensics and studied cryptographic capabilities of instant-messenger products. He worked on co-op with Acterna Corp. in Germantown, Md., where he developed a competitive equipment database, enhanced online help systems and worked with product marketing. John studied abroad in Belgium, England, France, Germany and Switzerland. Outside the classroom, he was a student officer with Campus Safety, a member of the Institute Appeals Board and active with the Institute of Electrical and Electronics Engineers Communications Society and Flower City Habitat for Humanity. He received the American Society for Industrial Security Award. John will be traveling to Ghana, Africa, this summer to teach grade school through the international volunteer program Cross-Cultural Solutions. He plans to pursue graduate studies at Carnegie Mellon University this fall.



Keith Tabakman

Kate Gleason College of Engineering

Keith Tabakman, a microelectronic engineering BS/MS major from Katonah, N.Y., was a recipient of Nathaniel Rochester Society Scholarships, LeChase Construction Scholarships, a Presidential Scholarship and Katonah Women's Civic Club Scholarship. He was named to the Dean's List (1998-2002), was a Golden Key Society Scholar and was inducted to the Tau Beta Pi National Engineering Honor Fraternity. Keith was a researcher/training assistant in RIT's microelectronic engineering department and an instructor of emergency medical and leadership skills at Monroe Community College and the University of Rochester. On co-op, he was a process integration engineer with Fairchild Semiconductor Corp. and a device engineer with Motorola. Keith is past president and vice president of RIT's microelectronic engineering student association, past president of RIT Ambulance and past marketing director for the RIT Residence Halls Association. Keith represented RIT at the Semicon West conference and the International Electron Devices meeting in 2002. Following the Sept. 11 terrorist attacks, he led a group of students who created unique patriotic computer wafers by etching on them color images of the American flag and the phrase "God Bless America." After graduation, Keith intends to work in microelectronic engineering, with a future goal of pursuing a Ph.D. A certified emergency medical technician, he also plans to become a certified paramedic.



Andrej Duric

American College of Management and Technology

Born in Split, Croatia, Andrej is graduating from the American College of Management and Technology (ACMT), RIT's college in Croatia. He is studying management in the hospitality industry with a concentration in banking. Andrej, also, is working on a bachelor of science in law at Split University-College of Law. His co-op experiences have included working as an assistant manager in the foreign payments department of Bank of Split, an executive assistant at Fio & D., an import-export company in Split, and in the front office of Hotel Alfir in Prizba, Island Korcula. Andrej is a member of Mensa and a tutor at ACMT. He designs and maintains the Web page for his family's business. With Croatian his native tongue, Andrej also speaks English, German and Spanish and is learning Japanese. His hobbies include sailing, fitness and chess.



Anthony Tanbakuchi

College of Imaging Arts and Sciences

Anthony Tanbakuchi, from Del Mar, Calif., is receiving his bachelor's degree in imaging and photographic technology from the School of Photographic Arts and Sciences. He is a 2003 RIT Outstanding Undergraduate Scholar and is also an RIT Presidential Scholarship recipient. During winter quarter, he served as course instructor for System Design for Graphic Presentation, and he is the most recent winner of the Institute Public Speaking Contest. Activities include SPAS student leader and past treasurer of the Technical Photography Student Association. Co-op experience features a position as sensor research engineer for Royal Philips Electronics in the Netherlands. Anthony also develops automated microscopy algorithms at the University of Rochester's Center for Visual Science. He expects to pursue a Ph.D. in imaging science.



Victor Silva

College of Business

Victor Silva, a management information systems major from North Chili, N.Y., has been the recipient of numerous scholarships including the RIT Presidential Scholarship, the Davis Cup Scholarship and the William G. McGowan Scholars Program. Activities include serving as co-leader of the Lowellthor group service organization and as marketing chair for RIT's chapter of American Production and Inventory Control Society. He is also a past vice president of the Management Information Systems Student Team and has served on the Dean's Student Advisory Committee. Victor works as a business systems analyst for Eastman Kodak Co. and has also been a student assistant in RIT's Office of the President. During a recent co-op, he provided technical assistance and training at Suma Networks. He expects to pursue an MBA along with seeking new job opportunities.



Kelly Marsh

College of Liberal Arts

Kelly Marsh, a criminal justice graduate from Scio, N.Y., is a recipient of four Presidential Scholarships and a member of Alpha Sigma Lambda, Golden Key International Honor Society, Phi Sigma Pi and the Criminal Justice Association. She also served as a 2002 delegate at the Golden Key International Convention. Kelly regularly made the Dean's List and received numerous awards, including the Richard B. Lewis Award, the RIT Mathematics Award and several note-taker recognition awards. Active in the community, Kelly volunteered at Industry: State School for Boys, the Open Door Mission and at Hillside Children's Center. Last summer, she worked at a food bank and homeless shelter in Atlanta, Ga. Kelly also completed an internship at Industry where she gained experience conducting group and individual counseling and mentoring, among other activities. Kelly plans to earn a doctorate in criminology.



Mamta Gupta

Mamta Gupta, who is receiving her MBA with a concentration in marketing, is a native of New Delhi, India, where she attended Sriram College of Commerce. During her undergraduate studies, she earned a bachelor's degree in economics and won the McKinsey Award for her essay, "Privatization of Insurance Sector." Mamta has worked as a marketing assistant for Ashoka Metal Décor and as an insurance advisor for Birla Sunlife Insurance Services, both in India. She has also served as a graduate assistant in RIT's College of Business. Her current focus is seeking post-graduate job opportunities.



Jessica Petty

National Technical Institute for the Deaf

Jessica Petty, an art and computer design major from Crestline, Ohio, has received an NTID Visual Communications Scholarship, a Ruth H. Fenyevsky Scholarship and the NTID Dean's Academic Merit Scholarship. She has achieved Dean's List every quarter but one. Petty has also been an active member and pledge-class vice president of the Phi Sigma Pi National Honor Fraternity and was recently inducted into the Golden Key International Honor Society. Her work experience as a co-op at Universal Digital Communications included layout of an activity book and designing the company's logo. After graduation she plans to return to RIT to earn a bachelor's degree in graphic media and then pursue a career as a production artist.



Philip Light

B. Thomas Golisano College of Computing and Information Sciences

Philip Light, a software engineering major from Lebanon, Pa., is an RIT Presidential Scholarship recipient. He is a member of the Institute of Electrical and Electronic Engineers Student Chapter and works as an instructor at Interactive Adventures. Philip's co-op experience includes serving as a software tester for IBM. He also assisted with software development at Rogue Wave Software by providing examples that illustrate component libraries. He plans to continue his education by pursuing an art degree, focusing on long-term career plans in either design or education.



Svetlana Bukharina

College of Science

Svetlana Bukharina, a computational mathematics major from Fair Lawn, N.J., was awarded scholarships from the Nathaniel Rochester Society, the M. Richard Rose scholarship fund and the RIT Alumni Merit scholarship program. Regularly named to the Dean's List, Svetlana is a charter member of the Mathematics Honor Society, Pi Mu Epsilon and the Golden Key International Honor Society. An undergraduate researcher, Svetlana presented papers at the joint meeting of the Mathematical Association of America and the American Mathematics Society, the September 2002 RIT Department of Mathematics and Statistics seminar, and the July 2002 Society for Industrial and Applied Mathematics conference. She won the 2002 MAA Honorary Student Award for the quality of her research. Svetlana also worked as a teacher's assistant and was a math and science tutor in the special education department at Pittsford-Mendon High School. Her extracurricular activities included being the founder and president of the math club, PiRT, a member of the varsity swim team and principal first violin in the RIT Orchestra and String Quartet. Passionate about music, she performed in summer music festivals in Germany, Italy, Portugal, Belgium and Spain. Svetlana plans to study applied mathematics in graduate school and to continue playing music.

Commencement week parking and traffic

The tent used during Commencement Weekend will be erected during the week of May 19. To facilitate this process, parking lots U and D will be closed per the schedule below.

U-lot closed at 4:30 p.m. on Friday, May 16. U-lot reserved permit holders can park in any of the reserved parking spaces in D, F and J lots on the north side of campus and in S and R lots on the south side of campus. Parking is not allowed around the south loop. U-lot will reopen when all tents and equipment have been removed, sometime after Monday, May 26.

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

D-lot will be closed Friday, May 23, and Saturday, May 24. Parking is by handicapped and special commencement permits only. Reserved permit holders will not be affected on Friday.

In addition, Andrews Memorial Drive—from Slot to Wiltsie Drive—will be closed on Friday, May 23, through Saturday, May 24. S-lot will be open for parking on both days.

Commencement shuttle bus service

For all commencement events, visitors should use the entrances on Jefferson Road, where RIT Campus Safety personnel will guide drivers to parking areas.

Shuttle-bus service, available both Friday and Saturday, will transport people to all three commencement-ceremony locations.

Senior citizens and individuals with special needs can use RIT's "People Movers," special carts operated by RIT staff. They will be available at people-mover stations across campus.

For the Academic Convocation, shuttles will run from 5 to 10 p.m. between parking lots D, E, F, G, H, J, S and T and the tent, and return guests to the lots after the Convocation.

Starting at 7 a.m. on Saturday, shuttle buses will operate between parking lots D, E, F, G, H, J, S and T and each of the commencement ceremony locations. Shuttle buses will make continuous loops through the parking lots all day.

Things to see

Visitors can also enjoy exhibits of student work:

- NTID Student Honors exhibit, during NTID's reception Saturday, in NTID's Dyer Arts Center, Lyndon Baines Johnson Building;
- The School of Photographic Arts and Sciences Student Honors Show, 10 a.m. to 5 p.m., in SPAS Photo Gallery, Frank E. Gannett Building;
- The School of Print Media exhibition, in main lobby, Frank E. Gannett Building.

RIT community formally dedicates nation's largest computing college

RIT formally dedicated the B. Thomas Golisano College of Computing and Information Sciences on May 2, acknowledging its status as the largest comprehensive computing college in the nation.

Albert Simone, RIT president, and B. Thomas Golisano, chairman and CEO of Paychex Inc. and new owner of the National Hockey League's Buffalo Sabres, attended the ceremony inside the college's new facility. A \$14 million gift from Golisano in 2001 is responsible for creating the college. It remains the single largest gift to any Rochester-area college or university by a living donor.

"Tom understands RIT's role in preparing students for careers in technology," states Simone. "He also understands the remarkable potential of computing and information sciences to businesses in Rochester and around the world. His generosity made this college a reality."

GCCIS offers undergraduate and graduate programs in computer science and information technology and an under-

graduate program in software engineering. RIT was the first university to offer undergraduate degrees in information technology and software engineering.

"I am so impressed with RIT's ability to



B. Thomas Golisano, above left, gets a "charge" out of the grand opening, with Jorge Diaz-Herrera, GCCIS dean; Albert Simone, RIT president; and Bruce James, RIT Board of Trustees chair.

empower its students with an education that will sustain them throughout their careers," explains Golisano. "Preparing them

to become leaders in the information age is necessary for them but also essential for industry."

The event marked the ceremonial grand opening of the college's new three-story wireless facility. Construction of the 126,000-square-foot structure wrapped up last winter, and it now features 31 computer laboratories and more than 1,000 workstations. Classes in the new building began with the start of RIT's spring quarter in early March.

This state-of-the-art facility complements the college's focus on consistently provid-

ing both curriculum enhancements and new courses, according to Jorge Diaz-Herrera, GCCIS dean.

"Computing is the fastest growing occupation in the country," he explains. "We are committed to preparing students to be computing professionals who can apply, adapt and develop technology to solve real-life problems."

A multimedia presentation by Jaron Lanier highlighted the festivities. Lanier—a talented computer scientist, composer, visual artist and author—used real and virtual instruments to lead guests on a musical tour of virtual worlds.

Following the celebration, attendees toured the new facility. Lab demonstrations—including those in computer gaming, artificial intelligence, behavior simulation and new social applications for computer software—offered first-hand insights on the current impact of computing and its significance for the future. ■



A KODAK MOMENT . . . Daniel Carp, chairman and CEO of Eastman Kodak Co., speaks to a packed house in Webb Auditorium. Carp's presentation, RIT and Kodak: Reflections on a Century of Partnership, was among the featured events during the School of Photographic Arts and Sciences centennial celebration. The three-day event marked 100 years since the first photography class was offered at RIT.

Dedication celebrates web press lab

Members of the printing industry recently joined the RIT community to celebrate a significant addition to campus. Formal dedication of the Heidelberg Web Press Laboratory took place on April 25.

The centerpiece of this state-of-the-art laboratory is a gapless Sunday 2000 web press, consigned to the university by Heidelberg. The system, valued on the market at between \$7 million and \$10 million is designed for the highest quality web printing applications.

Top executives from Heidelberg were on hand for the dedication, along side Albert Simone, RIT president, and Bruce James, U.S. Public Printer and chair of RIT's Board of Trustees.

"Consigning our most advanced web press to a graphic arts center of RIT's reputation is really something new,"

explains Bernhard Schreier, Heidelberg chairman. "It is easily the largest commitment of resources by a vendor to a school in the industry's history, and it is consistent with our long-term philosophy of emphasizing the advancement of the graphic arts industry."

In 2001, Heidelberg announced that it would make the press available to

RIT's Printing Industry Center during a presentation at Print '01 in Chicago.



RIT President Albert Simone, left, presents a plaque commemorating the dedication of the Heidelberg Web Press Laboratory to Bernhard Schreier, chairman of Heidelberg. Bruce James, second from right, chair of RIT's Board of Trustees, makes a similar presentation to Werner Albrecht, president of Heidelberg Web Systems.

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Paley art installed this summer

A monumental sculpture will enhance the architectural landscape at RIT come September with an eye-catching installation that promises to literally "steel" your breath away. Aply named The Sentinel, this colossal structure will be Albert Paley's signature masterpiece and RIT's landmark centerpiece.

If a lesson can be learned from Paley, RIT's Charlotte Fredericks Mowris Chair in the School for American Crafts, it's that the word big is all relative.

While it takes a visionary to imagine, let alone produce, a massive 30-foot-wide, seven-story-high, 110-ton armored guard made out of stainless steel, bronze and Cor-Ten steel, Paley takes the logistics all in stride.

Having created more than 40 large-scale metal sculptures during his career, Paley's notable commissions include the Portal Gates for the Renwick Gallery at the Smithsonian and the 65-foot-high Genesee Passage at Bausch and Lomb's downtown headquarters.

Because of The Sentinel's colossal size, the sculptor says the fabricated elements were constructed by craftsmen in his



The Sentinel underway in Albert Paley's Rochester studio

studio and other off-site locations, then placed in storage. In early June, the pieces will be individually transported by trucks to RIT, where Paley will oversee the installation using a team of crane and forklift operators and high-steel riggers and welders.

The Sentinel is the largest and most-involved site-specific work I have done to date," explains Paley. "And although it's the same height as the structure at Bausch and Lomb, it's three times the mass. This sculpture will act as a dynamic focal point and will reflect the identity of the RIT campus in years to come."

A blend of art, architecture and technology, the sculpture is part of RIT's ongoing university-wide beautification process. Its symbolic placement at the end of RIT's main entrance will help visually enhance the landscape and add cultural significance to the facade of the campus.



The Sentinel will command attention as a campus landmark.

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RIT leaders enthusiastic about arrival of Paley sculpture

Outward appearances do matter.

Even though RIT's university-wide facelift parallels the basic principles of Feng Shui—to create the ideal, balanced and nurturing environment in which to live and work—the transformation will surely be the talk of the town, as well as on campus.

Albert Simone, RIT president
"Albert Paley's magnificent work speaks to and celebrates arts and technology at RIT. We believe a first good impression of our campus will create a lasting one. The Sentinel will certainly be a symbol of our thriving campus spirit as we continue to build a sense of community and wholeness for the university."

Ann Mulligan, RIT trustee emeritus, co-chair of Paley fundraising effort
"The Paley sculpture will be a creative focal point on campus and also a treasure to the Rochester community. Albert holds my mother's endowed chair (Charlotte Fredericks Mowris) and I know she would be so proud because The Sentinel will be the pinnacle of Albert's artistry to date."

Catherine Carlson, RIT honorary trustee, co-chair of Paley fundraising effort
"Ann Mulligan and I contributed to the Paley project as lead donors. The community has also responded nicely to our fundraising efforts because they realize that one of

America's most recognized and sought-after sculptors has his residence and a chair in Rochester, which reflects so well on all of us."

James Watters, vice president, Finance and Administration

"To maintain a distinct competitive edge among our peer institutions, RIT needs to constantly refresh and upgrade its physical facilities. In many areas, and in particular our outdoor common-spaces, the age of the campus was growing more apparent. It was the right time to implement high-grade finish solutions reflective of our overall quality standards. While RIT has a broad and robust portfolio of programs, the arts do not always receive the notoriety they deserve. Our objective was to reflect the synergy between the arts and technology.

Instrumental in this process were Marty Becker and Jim Yarrington of Facilities Management—who understood our vision to utilize existing geometric lines on campus and interface them with new designs and concepts to bring everything back to life."

James Yarrington, director of campus planning and design services

"The Sentinel will be the most significant public art in upstate New York. We saw the Paley sculpture as an opportunity to reinterpret the administration circle and transform

it to a people space—with more green areas and pedestrian walkways and less automobiles and concrete."

Joan Stone, dean, College of Imaging Arts and Sciences

"In so many ways, The Sentinel speaks to the history of our College of Imaging Arts and Sciences. We proudly celebrated the centennial of our art, design and photography programs this year and Albert has captured the spirit of this history and commitment to the future of the arts at RIT. As The Sentinel 'keeps vigil' we will be reminded daily of the awesome power and strength of the gift of creativity and the freedom to pursue it."

Laurel Price Jones, vice president of development and alumni relations

"The cost of the Paley project is \$800,000 and we've raised \$530,000 from outside sources, much of this due to the generosity of people like Ann Mulligan, Catherine Carlson and Nancy and Bruce Bates. There's no question about it, this sculpture will have a real presence—perhaps like the great monoliths at Stonehenge—when we see it from the main entrance to the campus. The Sentinel will be our guardian at the gate; it's beautiful, spurs the imagination and serves as a muse to all of life's possibilities. ■



PERSONAL BEST . . . The Undergraduate School Honors Exhibition runs from May 24 through summer at Bevier Gallery, James E. Booth Building, and features a showcase of undergraduate student works selected by CIAS faculty from School of Art, School of Design and School for American Crafts.

Eisenhart Award Profiles

Since 1965, RIT's Eisenhart Awards for Outstanding Teaching have honored and celebrated faculty excellence. RIT gives up to four awards each year to recipients in various 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 23.

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 and 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.

Michael Peres, College of Imaging Arts and Sciences

Winning the Eisenhart Award for Outstanding Teaching places Michael Peres in elite company, but he's already known on campus as somewhat of a "big shot."

Peres is one of the coordinators of RIT's Big Shot projects. Since 1987, he has helped lead a team from the School of Photographic Arts and Sciences produce 20 memorable nighttime photographs—known for their "painting with light" technique. Big Shots have taken place across campus and throughout the Rochester area. Out-of-town assignments included the USS Intrepid in New York City and the Alamo in San Antonio, Texas.

But Big Shot represents merely a flash in Peres' extended exposure to teaching. In 1986, he was hired as an instructor of biomedical photographic communications.

Three years later, Peres was appointed department chair. He says leading a small department strongly influences how he performs his job.

"I seem to lead a dual life here at RIT," explains Peres. "One role is a core member of the teaching faculty, while the other role is that of being a program chair of a department of almost 85 students and three full-time faculty."

That type of situation encourages creativity. For example, the biomedical photography department has no clinical facilities. That led Peres to an affiliation agreement with the ophthalmology department at Strong Memorial Hospital—supporting activities in the area of ophthalmic photography.



Michael Peres

"Every day I come to work is different. Each day, I try to create a dynamic learning environment for my students that is both active and passive. This includes frequent unannounced visits to our lab and to classes that are in progress. I also assign myself courses spanning all years, ranging from first-year courses up through the BPC photo concentration requirements."

Peres describes his long-term objective as a teacher as offering students the tools to produce work that will "mature with them" over the course of their careers. Since each student is different, he makes a point of interacting with them individually to emphasize his or her particular needs and areas of interest.

"Additionally, I try to challenge them on personal responsibility issues, such as being a good citizen within our community and the value of this goal," he says.

Among his more notable feats was the creation of the *Images from Science* project. Peres and Andrew Davidhazy, chair of imaging technology, solicited pictures from a worldwide audience—featuring images that illustrate various scientific disciplines. The highly acclaimed exhibition debuted on campus last fall and has since appeared in a number of different venues across the country.

So what's next? How about the first international Big Shot. In October, Bill DuBois and Dawn Tower DuBois will join Peres to reprise their roles as Big Shot coordinators. The faculty team will lead a photo shoot at the Royal Palace in Stockholm, Sweden.

"I've always said that the amazing thing about Big Shot is that you never really know what to expect," states Peres. "I guess that's what keeps me curious about teaching."

Tom Frederick, College of Science

A Malaysian kite hangs prominently on Tom Frederick's office wall. Next to it, running along the length of the window sill, is a colorful display of gifts international students and their parents have given him over the years in gratitude and friendship—ceramics from Venezuela, a Chinese stamp, a brass serving bowl from Malaysia and elaborate Indian textiles, among other items. As his friends around the world would attest, there's nothing Frederick enjoys more than getting to know and helping people. This enthusiasm characterizes his approach to teaching and the compassion he shows toward his students.

Winning the award was an emotional moment for Frederick, a professor of biological sciences in the College of Science.

"Tears came to my eyes when I received the envelope," he says. "The Eisenhart award has so much meaning to me mainly because of what I know about the people who are already Eisenhart winners. To be considered as someone in the group that I've respected forever is incredible."

Frederick's passion for teaching and his subject matter are as strong in his 28th year at RIT as they were in his first.

"If I go into an 8 o'clock class, I'm pumped. I tell students 'This is my morning cup of coffee.'"

He also loves his subject matter. "I enjoy learning about what I'm teaching," he says. "Immunology is a field that is moving so fast."

Frederick wants to share his passion for immunology with his students. He also wants them to understand that "faculty are real people, too."

His home page on RIT's Web site, for instance, is packed with information from details about his family and personal life—including political affiliation, pastimes and approximate weight—to his zigzagging path to microbiology as an undergraduate at The Ohio State University, where he also earned his Ph.D. in immunology.

An open and gregarious man, Frederick is happy to quickly break down barriers of communication and get to the important part of relating to others. "Trust is easier to develop when students know more about you. It makes you more of a person."

Solid student-faculty relationships are an important part of the biological science department. This is an aspect of his job that Frederick, a full professor and former department chair from 1983 to 1998, fully embraces.

"Understanding that we're here for almost anything they need is important."

A business trip to Singapore in 1988 sparked Frederick's interest in the special needs of international students. As department head at the time, he traveled to Singapore to help Ngee Ann Polytechnic establish a biological science program similar to the one at RIT. While in "the neighborhood" Frederick called a prospective student in Malaysia—much to that student's surprise—and subsequently visited him and his family.

In addition to the Eisenhart Award, Frederick is a past recipient of a Student Affairs Award for Promoting Learning Outside of the Classroom and an RIT Interactive Learning and Support Grant for his proposal to support women and minority student participation in professional activities. He is also a member of the Academic Senate and the Institute Council, and has served on numerous committees.

Josef Török, Kate Gleason College of Engineering

"I love teaching," says Josef Török, professor of mechanical engineering in RIT's Kate Gleason College of Engineering and recipient of an Eisenhart Award for Outstanding Teaching.

Students like his lively classes and easy-going nature. Despite the latter, he admits, he's also demanding. "I expect my students to work hard," he says.

Török's passion and communication skills allow him to connect with students and explain what can be abstract concepts of nonlinear dynamics, mathematical modeling and computational methods, his areas of expertise. "I go way out on the limb to explain everything in complete detail, to make the complicated look easy," he says. And, he adds, he can sense when he's getting through to his students. "I'm totally in touch with my group," he says. "I know exactly when they're following me and when they're stumbling."

Winning the Eisenhart Award was a surprise, he says, particularly since he learned about it from a colleague offering congratulations. So busy was his spring that he didn't have a chance to open the letter notifying him of the award. The informal channel suited him fine, he says. "I think that was cool—totally unanticipated."

Török joined the RIT faculty in 1986 from The Ohio State University, where he taught and earned his



Josef Török

master's and doctoral degrees. In addition to teaching, he's founder and director of the Estelle H. and Howard F. Carver Engineering Learning Center and active in RIT's new microsystems engineering Ph.D. program. He also concentrates on writing, both professionally and recreationally. He wrote *Analytical Mechanics with an Introduction to Dynamical Systems*, an instructor's solutions manual to *Elementary Differential Equations and Boundary Value Problems*, other supplemental text material and numerous journal articles. He's working on engineering and mathematics books, a medieval romance novel (so far about 50 pages along, and "quite the opposite of everything I do," he says) and a cookbook containing recipes of 150 German, Hungarian and Mediterranean dishes.

The Esztergom, Hungary native enjoys cooking—especially outdoor grilling and Hungarian meals—and playing blues and jazz on the guitar. He travels yearly to Germany, where his youngest son Steven works as a systems analyst, and every other year to Hungary. Another son, Joseph, is an RIT student majoring in information technology.

Interacting with students, Török adds, helps keep him young. "I love sharing in their discoveries and their learning. It brings me a lot of joy."

David Suits, College of Liberal Arts

David Suits always knew he would end up in teaching. There was never any question. Winning an Eisenhart Award for Outstanding Teaching confirms his single-minded pursuit of an academic career.

"I'm thrilled to have an acknowledgement of the occupation I value the most," he says.

Suits, a professor of philosophy in the College of Liberal Arts, brings passion and energy to his classroom lectures, and a bit of humor. "A non-humorous life is not worth living," he says. "My passion is philosophy—I like to bring it to the classroom. On several occasions I've stopped class to jot down ideas."

Suits works hard to relate his subject matter to the present, finding philosophy in unexpected places, such as movies, political cartoons and jokes. He says: "The students all have these fundamental concerns: What should I do? How should I act? How can I appreciate death? No one can escape these questions." Suits finds that students are drawn to philosophy. Classes in the philosophy department typically fill up fast. "I have the impression that students of all sorts come to love philosophy quickly." When Suits came to RIT in 1977, the philosophy department consisted of himself and fellow Eisenhart Award winner Jack Sanders. Now there are eight philosophy faculty members and two emeritus professors.

Suits earned his master's and doctoral degrees in philosophy from the University of Waterloo in 1969 and 1977. In 1992, he finished a second master's degree in computer science at RIT to broaden the interdisciplinary focus of his course, *Philosophy of Mind*.

Widely published in philosophy and computer science, Suits' current work focuses on the metaphysics of death. His other research interest is the philosophy of mind.

Suits co-edited an anthology on Epicurus that will be published next year and wrote a book on Epicurus currently under review for publication.

In 1996 and 1997, Suits won Provost Productivity grants to develop and teach interdisciplinary courses. In 1997, he won a Liberal Arts Advisory Board's Scholarship Applied to Teaching Award. In 1998, he won a College of Liberal Arts Faculty Research Fund grant and, in 2002, a grant from the New York Council for the Humanities in support of the conference Suits coordinated on Epicurus.

Suits' personal interests include playing the classical guitar and woodwinds, and flying.

He was reading about aviation when one of his philosophy students inquired about his interest. Unbeknownst to Suits, his student was an eager flight instructor and offered to teach him.

"So, he was giving me flying lessons and I was giving him philosophy lessons," Suits says. "We both gave each other good grades."

"There's something really romantic about an open-air biplane—open cockpit, leather jacket, white silk scarf—I can't pass it up. It's too wonderful."

That was when Rick Cliver, home for summer break from RIT, met future wife, Lora, while both worked at the fast-food establishment outside Jamestown.

Today, Cliver is an assistant professor of electrical engineering technology in RIT's College of Applied Science and Technology, specializing in analog, digital and optoelectronics. Lora helps raise the couple's three sons, works part time for RIT and bakes cookies and other

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Provost's Award for Excellence in Teaching

Rick Cliver, College of Applied Science and Technology

If not for a chance encounter 19 years ago in a Kentucky Fried Chicken restaurant in Lakewood, N.Y., some RIT students might not have it so good—or be so well fed—today.

That was when Rick Cliver, home for summer break from RIT, met future wife, Lora, while both worked at the fast-food establishment outside Jamestown.

Today, Cliver is an assistant professor of electrical engineering technology in RIT's College of Applied Science and Technology, specializing in analog, digital and optoelectronics. Lora helps raise the couple's three sons, works part time for RIT and bakes cookies and other

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Viewpoints

Thanks for the memories

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

by Erick Littleford, president, RIT Student Government, Class of 2003 graduate



Erick Littleford

On a recent unimportant week-day, I was doing some late-night grocery shopping when a student approached me and asked if I had anything to do with inviting Chuck D to the campus last May. I responded, "yes," and then there was a silence. Then the student said, "Thank you; you don't know how happy I am that you were able to bring him here." I was speechless. He was thanking me for an event that

happened well over a year ago. For me it was a memory and just another accomplishment that happened light years ago; but to him it was a memory he cherishes. I felt a sense of irony in him thanking me because I feel I am the one who owes the students of RIT all the thanks. My fellow Tigers, I thank you for the opportunity over these past two years to serve you. During those years, I have been fortunate to build friendships with the individuals who served by my side day in and day out—friendships that will transcend area codes and years. I feel I've received so much from these relationships. My time as president gave me the opportunity to truly become intertwined in all of our campus communities.

The one thing I have found to be consistent within all groups is what I describe as a unique beauty. I have found the RIT student to be a dedicated individual, a passionate and spirited person. Our community is one of compassion and sympathy. My fellow Tigers have supported Student Government in unprecedented ways these past two years. I do not deserve any thanks, because it has been an honor and a pleasure to serve as the president of a student body as beautiful as ours. I pray you will show the same support, compassion and dedication to our incoming president, Steve Shapiro, as you have shown me. Thank you for allowing me to serve. ■

Three RIT grads celebrate their love of country and education

The work of two RIT graduate students in the John D. Hromi Center for Quality and Applied Statistics in the Kate Gleason College of Engineering helps keep U.S. service men and women safe from chemical and biological attacks.

Dan Blodgett, an advanced statistician with Westar Corp., and Scott Hunter, an advanced statistician for Lockheed Martin Corp., devised sampling methodology to improve the reliability of data in the testing of chemical protective gear—including masks, suits, hoods, gloves and boots—and chemical- and biological-agent detectors used by the U.S. military. Better data dependability saves time and resources, Blodgett says.

Both work as civilians at the chemical protective equipment division of the U.S. Army at Dugway Proving Ground in Utah where gear is tested, results are analyzed and equipment modifications are recommended based on test results.

When incoming missiles were detected during the Iraq War, embedded news reporters sometimes referred to "MOPP IV"—much easier to say than "mission-oriented protective posture-level 4." The five levels of readiness for a chemical or biological attack are MOPP 0 through MOPP IV—the latter the highest state of

alert requiring full protective gear.

Designed for maximum protection and comfort, the gear features carbon-based filters. In a "swatch test," a swatch of material is treated with a chemical agent to



Dan Blodgett, left, helps Scott Hunter with chemical- and biological-agent protective gear like that worn by U.S. troops. Blodgett and Hunter, graduating this spring with master's degrees in applied statistics, improved the sampling methodology for testing of the gear by the U.S. Army.

assess permeability. In a man-in-simulant test, or "MIST," a soldier wearing MOPP IV protective gear is subjected to a chemical simulant inside a chamber to determine the amount of simulant reaching the skin. A "smart man test" uses a mannequin, simulated breathing rates and actual chemical warfare agents such as mustard or sarin gas to test the chemical

protective capabilities of gas masks and gloves.

Chemical and biological detectors are tested using chemical agents in labs and simulants in open air.

Blodgett and Hunter graduate this spring after completing studies part-time via distance learning. Both recently visited RIT for the first time when they were here for final oral exams.

"RIT has given me the confidence to ensure high testing standards and to protect our nation's soldiers," Hunter says. Adds Blodgett, "I like the applied emphasis at RIT, and the distance learning was a big bonus."

RIT's master's program in applied statistics has about 30 graduates a year making it one of the largest of its kind in the nation, says Tom Barker,

professor. Courses are offered on campus and through distance learning.

Studying while serving country

It's not hard to imagine taking a class a continent or farther away from campus—after all, that's a primary benefit of distance learning. But imagine studying from a Navy vessel during wartime, as RIT student Andrew Soto does.

Soto is a chief petty officer on the U.S.S. Coronado, a command ship providing force protection from chemical, biological and nuclear attack and part of the U.S. Navy's 3rd Fleet based in San Diego. He's pursuing a bachelor's degree in applied arts and sciences, concentrating on emergency management and safety, through RIT's Center for Multidisciplinary Studies in the

College of Applied Science and Technology.

"My position involves much of what I have been studying," Soto says. "The specialized knowledge I'm gaining from RIT will assist me in my post-military career."

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

Soto, who graduates next year, isn't certain if he'll be able to attend commencement. But the Connecticut native says he hopes any first-time visit to Rochester occurs in spring or summer. ■



TAKING OUR DAUGHTERS AND SONS TO WORK... Jackie Ramirez, above, joined her mom, Angie Martinez, at RIT for the annual Take Our Daughters and Sons to Work Day in April. Here, Jackie sharpens her engineering and design skills while working on a wooden car.

Provost's Award for Excellence in Teaching (from page 4)

goodies for her husband's students once a week. Last month, the Clivers served a full-course ham and turkey Easter dinner for students who couldn't make it home for the holiday. During finals week, the couple will host a bonfire for students at their Churchville home.

While providing physical nourishment for students, Cliver also offers them intellectual,

social and spiritual sustenance, both inside and outside the classroom. In class, he emphasizes student participation.

Outside the classroom, Cliver encourages students through weekly "transistor parties"—tutoring sessions he hosts on Sunday evenings at Victory Baptist

Church in Henrietta. Students of all faiths are welcome and have the opportunity to visit with students from other Rochester-area colleges during a college-group social hour.

Teaching at RIT, he says, allows him to bring together family, faith and teaching passions. "I can put my whole life together here."

Cliver first came to RIT as an electrical engineering undergraduate student in 1983. After earning his bachelor's degree in 1988, he completed a master's in electrical engineering at the University

of Rochester while working as an electrical engineer at Eastman Kodak Co.—where he began three days after RIT graduation and remained until 2000.

From 1988 until 2000, he taught electrical engineering and electrical and computer engineering technology as an adjunct professor at RIT. Cliver won a CAST Excellence in Adjunct Teaching Award in 1998 and is a past nominee for the Eisenhart

Award for Outstanding Teaching. He joined the RIT faculty full time in 2000. He continues to consult for Kodak, experience that he considers invaluable to teaching.

His reaction to receiving the Richard and Virginia Eisenhart Provost's Award for Excellence in Teaching: "Way too cool!" He says he was speechless when Carol Richardson, professor and chair of

electrical, computer and telecommunications engineering technology, accompanied by Lora, announced the honor in front of one of his classes.

Along with Richardson, whom he describes as a mentor, Cliver credits Swaminathan Madhu, professor of electrical engineering, with spurring his interest in teaching. "I will never forget what Dr. Madhu did for me," he says.

"I love teaching," he adds. "What's best for the students—that's where my focus is."

Somewhere, Col. Sanders is smiling.



Rick Cliver

Earth Day activities include waste audit

In celebration of Earth Day, Facilities Management Services and the Student

2 percent was just the liquid from beverage containers and 1 percent was food compost.



Jason Flynn, RIT recycling administrator, sorts through campus garbage during a waste audit.

Environmental Action League conducted a waste audit of campus garbage. They sampled waste from several academic buildings to measure how much recyclable material is being recycled.

The results? Fifty percent of the RIT waste stream can be diverted from landfills, says Jason Flynn, RIT recycling administrator and third-year photography student. Out of the 29 bags sampled full of 213.5 lbs. of garbage, 28 percent was recyclable paper, 20 percent was beverage containers,

Last year, RIT created about 3,680 tons of waste. So far this calendar year, an average of 27 percent of waste has been recycled, up from roughly 10 percent, or 358 tons, last year. "We've more than doubled our collection rate and are aiming for a long-term, two-year goal of diverting 35 percent of our waste stream annually," says Flynn.

For more information on RIT's recycling initiatives, including a new ink jet and toner printer cartridge recycling program, e-mail recycle@rit.edu. ■

Interpreting grad continues to achieve lofty goals

Perhaps it was the early memories of a mother never too busy to read books or engage in conversation . . . or a father who worked hard to provide for his children . . . or maybe it was his position as Jenerson No. 10 in a family of eight girls and five boys, a family whose high educational standards sometimes were hard to live up to . . . "Oh, you're a Jenerson! We're going to expect a lot from you this year . . ."

Whatever the reason, Brian Charles Jenerson can point to several life experiences that led him, at age 39, to pursue a career as a professional sign-language interpreter. Jenerson will receive his associate degree in American Sign Language-English interpretation in May. He is the first African-American man to graduate from the program, and one of the few males in a profession heavily dominated by women.

The national Registry of Interpreters for the Deaf reports that nearly 90 percent of its members are Euro-American/white and nearly the same percentage are female. Jenerson is happy to change those statistics.

"I knew there was a need, but I honestly didn't realize just how big that need was," he says. "I've had students come up to me after class and thank me for becoming an interpreter . . . saying that finally there will be someone who understands the social and cultural nuances that I can bring to my interpreting as an African-American man."

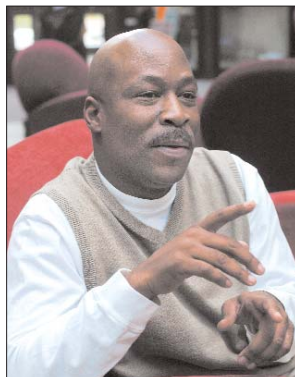
As part of his program requirements, Jenerson has interpreted for everything from Boy Scout meetings and judo classes to church services and college classes.

He seems to have found his niche with the latter, preferring to "connect" with students and enjoying RIT's level of deaf awareness that few other colleges can match.

"RIT has done such a great job of educating its faculty and staff members," he says, "that teachers really know how to work with us."

It wasn't always easy for Jenerson to find

work as fulfilling as interpreting. After graduating from Rochester's East High School, he had a series of jobs, including



Brian Jenerson

working as a darkroom technician at St. Mary's Hospital and enjoying a brief career as a jazz, tap and modern dance instructor and performer. He appeared in several television commercials for Kodak and Xerox, among others, but decided about five years ago to hang up his dance shoes.

"Finding my purpose wasn't easy for me as an adult," he admits. "But one day I watched a male interpreter at Strong Hospital and I became fascinated. It brought back memories of my mother signing with my grandmother, who was hard of hearing . . . and I decided on the spur of the moment to apply to NTID's interpreting program. I really didn't think I'd get accepted."

But he did, and he gratefully acknowledges ASL faculty member Leslie Greer, his academic advisor and personal mentor, with keeping him on track.

"She has been a true inspiration," Jenerson says. "From the very beginning she made me feel a part of something bigger than myself and she really helped introduce me to the deaf community."

"Brian worked very hard in our program," says Rico Peterson, chairperson of NTID's American Sign Language and interpreting education program, "and his determination was exemplary."

Jenerson was a student interpreter for RIT's interpreting services department this spring and plans to apply for a permanent position after he graduates.

One of Jenerson's favorite expressions—"Show up for your life and your life will show up for you"—defines his always energetic approach to life.

"If you want and expect positive results," he says, "you need to get up every morning and meet life's demands, both difficult and wonderful."

Getting up on graduation day will probably be a little bit of both for him.

First he's got to find seats for the 40-plus family members who plan to attend commencement and loudly cheer him on; then he can sit back and enjoy the rest of what surely will be a wonderful day to be a Jenerson. ■



A FACE ONLY A MOTHERBOARD COULD LOVE . . . Brandon Phillips, a student at Newberg/Sherwood High School in Oregon demonstrates "Bob" at the 17th annual national Robotic Technology and Engineering Challenge hosted by RIT May 3-4. The creation earned a gold award for robot construction in the high school division and the event's top prize, the Judge's Choice Award. RIT engineering technology students captured two silvers in the college division. The event featured hundreds of robots and other auto-mated creations. It was sponsored by RIT's College of Applied Science and Technology and Robotics International of the Society of Manufacturing Engineers.

Alumnus named deputy public printer

U.S. Public Printer, RIT Chairman of the Board and printing alumnus Bruce James has named RIT graphic arts alumnus



William Turri

William Turri Deputy Public Printer, the second-highest position within the U.S. Government Printing Office. In his new position, Turri will serve as chief operating officer of the GPO, responsible for overseeing

day-to-day printing, printing procurement and information dissemination operations serving Congress, federal agencies and the American public.

A Seneca Falls native, Turri rose through the ranks at Case-Hoyt, one of the foremost

quality printers in the nation. In 1985, he was named chief operating officer of Monroe Litho, and served as president from 1993 to 1995 when he returned to Case-Hoyt as president, retiring in 2001.

Turri, who won the 2002 RIT Outstanding Alumni Award, is an active RIT supporter including establishing an endowed scholarship fund.

Headquartered in Washington, D.C., with a total employment of 3,000, the GPO is responsible for the production and distribution of information products and services for the federal government. ■



RIT FOCUSES ON FUEL-CELL TECHNOLOGY . . . Jian Yu, RIT research associate professor of mechanical engineering, right, confers with Stephan Alraun of the University of Hannover in Germany, left, and Jens Schroder of the Institute for Thermodynamics in Hannover at the International Conference on Microchannels and Minichannels at RIT April 24-25. The conference and a companion conference, the International Conference on Fuel Cell Science, Engineering and Technology, hosted by RIT April 21-23, drew 400 researchers from 22 countries. Both gatherings were sponsored by the American Society of Mechanical Engineers.

North Star, Xerox partner in series for AALANA students

It takes more than getting into a good school to make it in today's careers. Primers for job success focus on preparation,

planning and corporate-culture skills, to name a few.

To assist AALANA (African American, Latino/a American and Native American) students in personal and professional development for career success, RIT partnered with Xerox Corp. in an eight-part workshop series this year.

The Career and Leadership Management Program opened last fall with modest hopes for 50 or so students, says Wanda Dansler Hill, program coordinator in RIT's North Star Center. "We were just amazed when 178 students signed up and 150 came for the first session—and kept on coming to each workshop, on top of all their classes and other obligations." Thanks, in part, to many extra hours put in by NSC staff, the series set an example for successful outreach.

Creating such opportunities for students to prove themselves, and to

connect to role models and the corporate world, exemplifies part of the North Star



North Star Center and Xerox partnered for a workshop series on career preparation this year. Here, students took part in a mock session on "Dinner with a CEO" that included interviewing techniques.

Center's mission, says Eulas Boyd, assistant provost for diversity and NSC director. "Offering our students every chance to improve their self image and prepare for successful careers is what we're all about."

Each student signed a contract and received a certificate upon completion, Dansler Hill adds. "They worked hard learning a

range of personal and professional skills—from interviewing behavior to dining etiquette. Xerox's involvement gave them the real-world connection they need, as well as an opportunity to network."

Xerox's College Relations office embraced the program, encouraging employees to get involved. More than 30 Xerox staffers took part in the workshops, giving presentations, mentoring students and serving as panelists. "The program has allowed Xerox professionals to give back to the community in a meaningful way," says

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RIT WEB SITE WINS IN NATIONAL COMPETITION . . . The Council for Advancement and Support of Education recently awarded RIT's University Publications Office a silver medal in a national competition for college Web sites. The site, Student Life @ RIT (www.rit.edu/upub/studentlife), was created and produced by Mary Bistrovich, Brenda Monahan, Jared Lyon and Deron Berkhof, along with Bob French, assistant vice president, Enrollment Management and Career Services. "We developed the site for our accepted applicants to give them a closer look at the tremendous variety of student organizations and activities available at RIT, as well as the diverse group of students they would have the opportunity to meet on our campus," says French. The site was selected from 154 entries.

Mother joins son, stepson in graduation limelight

Working fulltime can keep life pretty hectic, but coupling a job with the demands of RIT's Executive MBA program is downright grueling. Welcome to Lyn Kelly's world.

"It's hard to maintain that balance—meeting your responsibilities at work while doing well in the program," she reflects. "You just can't find time for anything else."

Lyn Kelly is RIT's assistant controller. For the past two years, she's maintained her balance and now looks forward to a moment in the spotlight at the College of Business commencement. It's a moment she'll share with her family—in a way unlike most families ever experience. You see, the Kelly clan is producing three RIT graduates in 2003. Andrew Quagliata, Lyn's son, receives his MBA, and Matt Kelly, her stepson, receives his master's degree in deaf education from NTID.

"It was kind of an incentive for me to keep on with the program," Lyn recalls. "I thought, 'Oh my gosh, we have to gradu-

ate at the same time.' How often do you get the opportunity to do that. I'm really happy about it."

For Lyn and Andrew, the curriculum in each other's programs provided occasional overlap.



Graduation day will mean a triple dose of excitement and pride for Lyn Kelly. She will share the spotlight with her son, Andrew (right), and stepson, Matt.

"We had some of the same professors and sometimes shared the same textbooks," says Andrew, coordinator of operations at the Student Alumni Union.

"We'd often ask each other, 'What have you been doing in your classes? Have you learned this theory or this model?'

Working on a master's degree at the same time has certainly been a unique experience."

Inevitably, conversation among the three leads to talk about schoolwork and the demands of being a graduate student.

Sunday dinner provides a forum for sharing related "war stories." Lyn's husband, Ron Kelly, a research professor at NTID, would always provide a sympathetic ear.

"He has suffered heroically through this situation," explains Matt. "He spends a lot of time listening and just nodding his head. I can't imagine how I would handle having three family members working through graduate school."

Adds Lyn, "He's an educator, so he appreciates what a great opportunity this is for all of us."

For both Lyn and Andrew, graduation offers an opportunity to redirect more energy back to their jobs. Matthew expects to resume his career in

education.

But first things first.

"We'll be celebrating that evening," says Lyn. "We just want to thank our family, friends and co-workers for all their support, but also salute our achievements. I can't help but feel a mixture of relief and pride." ■

Fulbright awarded to RIT film student

Film student Dalas Verdugo will be spending next year in Norway on a Fulbright Scholarship where he will work with artists and computer programmers at the Bergen Center for Electronic Arts.

"We will be exploring new ways of using emerging technologies to produce creative visual work," Verdugo says. "I will also be making a documentary about the



Dalas Verdugo

people I meet in Norway, and working on my writing and photography."

BEK, a non profit organization, provides resources for people working with new technology, such as digital signal

processing of sound and image, sensor techniques, software development, aesthetics and art philosophy. "While in Norway, I hope to continue my work that involves analyzing real-world data to generate video images," Verdugo says. "So far in my work I have used video cameras to track colors on live performers and used this data to affect and generate my video."

Verdugo also plans to make a documentary focusing on the people he meets in Norway.

"The making of a documentary about the people I encounter in Norway will hopefully narrow the gap between the Norwegian and American cultures, and will be just as important to me as my work in the esoteric realm of live video."

Verdugo adds, "At BEK, I want to explore new ways of translating the world directly into works of art. My primary goal is not to produce some specific work, but rather to expand my skills and capabilities, so that I return to the United States more capable of achieving the goals I set for my technology-based work." ■



INFLUENCING OUR YOUNG WOMEN . . . On April 26, high school women from across the country, including 10th-grader Paige Jablonski, at left, attended RIT's Faces of Change conference, a one-day program designed specifically for teenage women interested in learning about a wide range of careers from female professionals.

Participants listened to keynote speaker Mary-Frances Winters, attended sessions to identify career interests and used hands-on demonstrations to grasp some of the possibilities of working in fields like medicine, engineering and science.

The program was made possible by a state grant provided by Sen. Jim Alesi.

Grads demonstrate functions of design

Peter Sigrist designed a communications Web site to attract international attention for a local step-team performance group.

Chanida Oradidolchert utilized graphic design elements to create an interactive musical experience for the hearing impaired.

Chin-Loo Lama created custom projected interfaces for mobile devices for use in games, educational software and medical and therapeutic purposes.

Twenty-two MFA students will be highlighting their signature approaches to the use of digital media at the annual Computer Graphics Design Thesis exhibition. A

reception will be held from 5 to 7 p.m. on Friday,

May 23, at the James E. Booth Building, room 1305.

"This exhibition is very much like a gallery opening," says CGD professor James Ver Hague, who started the program in 1983 with CGD professor Robert Keough. "RIT has the premier design program of its kind in the world and what distinguishes us from the rest is that instead of adopting an engineering, computer science or art perspective, we come from a design perspective."

"We are a vital force in the field of design because we help solve the needs of others, focusing on Web design, multimedia devel-

opment and visual communication. This year, for example, we offered a new course in streaming video prompted by the thesis work of one of our grads."

During the celebratory exhibition, visitors can take "station to station" breaks to view a first-hand glimpse of new and ever-changing technology through emerging forms of computer-based design, expression and



MFA student Jake Keating will be displaying his final project, Colosseum: The Interactive History Lesson, at the Computer Graphics Design Thesis competition on May 23.

interactive functions. RIT's MFA students have a competitive edge both nationally and internationally. Last year, they achieved 50 percent of the awards in the Higher Education Category of Macromedia's Student Web Design Contest.

"We have completed some ground-

breaking projects based on research in computer graphics," says Sigrist, whose online documentary will be translated into 14 languages. "This program has adapted as technology has advanced to prepare us for our professional careers."

According to professor Nancy Ciolek, MFA program coordinator, the thesis show is a culmination of two years of intensive study and research by the students. Many have explored internship opportunities, including a formal one with Eastman Kodak Co., obtained by professor Chris Jackson who is a Kodak consultant and former employee.

"He joined our faculty in 2000 and brings his expertise in both graphic design and computer graphics," explains Ciolek. "This year we also welcomed Professor Marla Schweppe who is skilled in visualization and animation."

Since RIT's CGD program is international in scope and in student population, both contribute to the yin-yang of ideas reflected in the final thesis projects which range from streaming video to interactive multimedia education modules.

"I find it personally exciting to see their range of topics—from Edwin Thoms' design for handicapped accessibility and Len Toomey's customizable e-commerce products, to Hsiao-Fen Yuan's interactive geometry for school children and Claudia Cortes' color in motion," says Ver Hague.

"Our program opens the door for these graduates who will be looking to find jobs that didn't even exist 10 years ago." ■

Library contest winners

Three students who participated in the "Why I Love RIT Library" writing contest are \$100 richer.

A panel of judges—comprised of Wallace Library staff—announced the prize winners who received the highest scores in three categories. They are: Kelly Socia, Best Top 10 List; Nancy BB Meyer, Best Essay; and Shira Chaturvedi, Best Poem.

The winning entries are posted at wally.rit.edu/contest/winners.htm.

MBA partnership

RIT's College of Business has expanded its accelerated 4+1 MBA program with SUNY College at Brockport. The program is intended for undergraduate students not currently majoring in business.

"We can now offer our accredited MBA program to a broader array of students as an enhanced opportunity for future career success," says Thomas Hopkins, COB dean.

SOFA Honors show

Hollywood's future headliners are ready to debut their most recent film projects. The annual School of Film and Animation Honors Show will showcase this year's best undergraduate and graduate student productions. The projectors start rolling at 3:30 p.m. on Sunday, May 25, at the Little Theater in downtown Rochester.

"Some previous selections from the honors show have gone on to win impressive acknowledgements for the filmmakers through film festival screening and prizes," says Adrienne Carageorge, SOFA associate professor. "One of last year's students won enough in festival prizes to pay for his next film."

Admission to the show is \$5, but RIT students with ID can get in for free.

Students inducted into honor society

The communication department in the College of Liberal Arts recently inducted 23 students to Lambda Pi Eta, the official honor society of the National Communication Association.

Based on their academic qualifications and leadership potential, 17 undergraduates and six graduate students in communication were installed as inaugural members during an induction this spring.



Recent inductees to Lambda Pi Eta include, from left to right, Andrea Ervay, Kevin Ptak, David Marion and Maryrose Mason, who are shown standing with Susan Barnes, center, associate professor of communication and faculty advisor for the honor society.

New to RIT, Lambda Pi Eta has more than 300 chapters and 5,000 members worldwide. The organization encourages excellence in scholarship and leadership, and provides a professional network for students and graduates alike.

"It distinguishes students in different ways than putting down a GPA," says Susan Barnes, associate professor of communication and faculty advisor to the honor society. "It shows achievement and recognition by a national association. It encourages student scholarship and recognizes it. On a practical level, it distinguishes them from other students in the job market."

Barnes adds: "We will be looking at our Lambda Pi Eta members as future peer mentors. We are going to be looking at them to participate in conferences and we're going to be looking to them to come up with their own ideas." ■

2003 Award Recipients

Distance learning presents scholarships

What are the benefits of online learning? Just ask two winners of the Distance Learning Student Scholarship awards who received kudos for their exceptional work.

"It supports learning style and allows for large blocks of uninterrupted time to get engrossed in studies," says Vincent Falbo, RIT master's candidate for information technology degree.

"A world-class education from RIT at my fingertips and the ability to work part-time, take a full course load and be at home with the children," says Anne McDermott, bachelor's candidate for applied arts and science degree.

Awards ceremonies are important because they represent RIT's commitment to improvements in quality in teaching and learning. On May 1, the Online Learning Office and Provost Stanley McKenzie hosted the 2003 Exemplary Online Teaching Awards and 2002/2003 Distance Learning Scholarship Awards.

"One hundred fifty high-quality nominations were made by students and faculty, which was an overwhelming number," says Joann Humbert, director

of online learning. "Our thanks also to Carole Sack, senior faculty associate, whose insights into great teaching practices and knowledge of RIT, has made her a strategic part of our office and planning. The awards and stipends today are a gift from Dr. Sack, who generously donated the funds."

At the ceremony, Exemplary myCourses Teaching Awards were presented to Maureen Barry, visiting instructor, liberal arts support for NTID, adjunct for the College of Liberal Arts, writing instructor for LDC; and Sara Schley, assistant professor at NTID.

The Distance Learning Teaching award went to assistant professor Deborah Coleman of the information technology department for her work in four graduate-level courses.

McKenzie adds, "None of us anticipated the speed in which online learning has caught on and how it offers advantages for both faculty and students at RIT to achieve a successful educational experience. Online learning's success is evidenced by those who received awards today and in the future." ■



AWARD-WINNING PRESENTERS . . . Five of RIT's many scholars presented to more than 200 attendees at the annual Celebration of Scholarship Dinner this spring. Shown here (left to right) are Mike Heel, Elizabeth Avalos, Eric Barner, Bethany Choate and the evening's emcee, Melissa Fletcher.

Pre-veterinary student wins science award

The College of Science honored biotechnology major Anna Ludi with this year's Doolittle Merrill Award.

Ludi, a pre-veterinary student, has participated in summer programs at the Zurich Molecular Veterinary Laboratory, the New England Aquarium and Tufts School of Veterinary Medicine.

For the past two years, she has volunteered at the Braddock Bay Bird Observatory, banding and recording migratory songbirds. She is also working with professor John Waud on an avian research project evaluating patterns of markings to determine age in the "brown creeper" or *Certhia familiaris*.

Ludi, whose main area of interest is wildlife rehabilitation, plans to pursue veterinary medicine after graduating from RIT.

The Doolittle Merrill Award goes to a junior premedical or pre-dental student who shows a passion for his or her professional field. The award was established by former student Jon Freckleton in appreciation of RIT professors Richard Doolittle and Douglas Merrill and their compassion for students.

Freckleton, a professor of manufacturing

and mechanical engineering technology in the College of Applied Science and Technology, also established the award to honor his grandmother, Kathryn Freckleton, who earned a master's degree in an era when few women attended college, and her brother, Karl Staud, who stressed education throughout his lifetime. ■



Anna Ludi



OUTSTANDING UNDERGRUATES . . .

RIT honored students as Outstanding Undergraduate Scholars in a ceremony and reception held in April. Joined by Stanley McKenzie, provost and vice president for academic affairs (top left), the scholars are Andrej Duric, Iva Hrdlicka, Sandra Sankovic, Dawn Collins, Dina Ghoneim, Todd Obbie and Michelle Scarcello from the College of Applied Science and Technology; Eric Barner, Cory Davis, Adam Deuel, Mary Murphy and Ashwin Narasimhan from the College of Business; Bryan Berg, Michael Butcher, Frank Cardinale, Kevin Carpenter, Daniel Clark, Edward Dale, Travis Detour, Christopher Egner, William Gross, William Knitter, Jason Repka, Nathaniel Rode, Nathan Rose, Kunal Shah, Gregory Smalter and Lauree Sundberg from the B. Thomas Golisano College of Computing and Information Sciences; Lisa Barrett, William Batts Jr., John Borrelli, Douglas Carr, David Chandler, Julie Christopher, Tejas Jhaveri, Julie Jones, Bryan Katzmark, Erika McMichael, Amber Mescher, Natalya Privorotskaya, Robert Rinefird III, Joshua Shreve, Christopher Szachta, Andrew Walter and Tom Warsaw from the Kate Gleason College of Engineering; Dana Busch, Matthew Campbell, Sarah Caswell, Jennifer Dickhut, Kelly Fey, Lori Hepner, Bethany Kaplan, Lori Kraemer, Abby Kuperstock, Jessica McCaffrey, Erica Needom, Michael Niggel, Sarah Samaroo, Stephanie Snow, Anthony Tanbakuchi and Daniel Wangelin from the College of Imaging Arts and Sciences; Elizabeth Murray, Leah Newberry and Jason Selleck from the College of Liberal Arts; Kyle Andersen, Eric Dahlstrom, Shannon Grande, Joshua Kaplan, Heather Marshall, Karissa Raish, Constantin Rothkopf, Emily Ryzcko, Abbie Stokes-Riner, Wanda Strychalski, Timothy Sutton and Aleksey Tentler from the College of Science.



OUTSTANDING FEMALE SENIOR . . . Sanja Duric, a fifth-year information technology student, won this year's Outstanding Female Senior Award presented by RIT's Women's Council.



CREATIVE WRITERS RECOGNIZED . . . The Institute Writing Committee named five RIT students as winners of this year's Student Writing Contest. The grand prize in creative writing went to Christopher Vongsawat, seated at left, third-year computer science major and winner of last year's writing contest. Honorable mention in creative writing was awarded to Jessica Thurber, seated at left, second-year professional and technical communication major; Ritu Thaker, seated at right, second-year information technology major; Agnes Barton-Sabo, standing at left, third-year fine-art photography major; and Frank Hilbert, standing at right, third-year business management major. Standing with the writing award winners are Stanley McKenzie, second row center, provost and vice president for academic affairs; Andrew Moore, center, dean of the College of Liberal Arts; Mary Lynn Broe, chair of language and literature; and Katherine Schumacher, at far right, chair of the Institute Writing Committee.



SWEET REWARDS OF SUCCESS . . .

RIT's Panhellenic Association honored 108 greek women for their academic achievement at a dessert reception and ceremony in May. Laura Xi Delta (left),

and Kathleen Giebel, an Alpha Xi Delta sister, were honored for having a cumulative GPA of 4.0.

BENNETT SCHOLARS . . . The Special Services program of RIT's Learning Development Center honored recipients of the Bennett Scholarship in a ceremony held in April. Recipients are, Rebecca Berman, second-year professional and technical communication major; Truc Borrelli, third-year software engineering major; Christina Bryce, second-year graphic media major; Jennifer Buckley, first-year biology major; Lindsey Herberger, third-year social work major; Pamela Kingsbury, third-year imaging science major; Scott Laffer, second-year new media major; Benjamin Markel, fourth-year marketing major; Qing Quan, fourth-year information technology major; and Christopher Samp, third-year public policy major.

SPEAKING THEIR MIND . . .

Students delivered persuasive speeches of national or international significance during the 14th annual Institute Speaking Contest May 8. First prize and \$500 went to Adam Dickinson; second prize and \$300 went to Geoff Baumbach; and third prize and \$100 went to Aleksey Tentler. Shown at right are, from left to right, Tentler; Dickinson; John O'Leary, keynote speaker; Baumbach; and Grant Cos, assistant professor of communication and speaking contest director.



2 0 0 3 A w a r d R e c i p i e n t s

McGowan scholarship winner

A third-year international business student is receiving the largest scholarship offered by the College of Business. Amy Kennicutt has been named this year's winner of the William G. McGowan Scholars Program. Kennicutt will receive a full scholarship for the 2003-2004 academic year, made possible by a grant from the William G.



Amy Kennicutt

McGowan Charitable Fund. The program recognizes academic achievement among business students while encouraging leadership and community involvement. A native of Binghamton, Kennicutt is an active member of various campus organizations including the Lowenthal Group, the International Business Group, and the Commission for Promoting Pluralism. She is also a Nathaniel Rochester Society Scholar. 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 chairman of MCI Communications Corp. ■



ALPHA SIGMA LAMBDA . . . Alpha Sigma Lambda Honorary Society inducted 19 new students this year. The students were honored at a dinner in May at Liberty Hill. The honorary society annual inducts new members based on scholarship, participation in activities and leadership in academic and co-curricular student activities. This year's honorees are Eric Barner, Cory Davis, Daniela DeRosa, Erin Di Duro, Herbert Dwyer, Laura Gordon, Shannon Grande, Randa Jabbour, Bethany Kaplan, Jeffrey Klingzahn, Bethan Lockhart, Lauren Long, Kelly Marsh, Melissa Matthews, Alex Moundalexis, Heidi Spalholz, Michael Stern, Wanda Strychalski and Stacey Wronkowski.

Student Government award winners

Numerous awards were given to RIT individuals and student groups at the Student Government Awards Banquet in late April. Award winners included: Anne-Marie Naumann, RHA Member of the Year; Sionan Burke, OCASA Director of the Year; Brandi Honnert, NSC Outstanding Cabinet Member; the RIT Gospel Ensemble, SG Outstanding Club Programming; Habitat for Humanity, SG Outstanding Community Service; Jeff Hering, SG Outstanding Club Advisor; Vietnamese Student Association, Global Union Club of the Year; Muhammad S. Cheema, Ashish Rathour and Luz Zambrano, Outstanding International Student; Gospel Ensemble, BACC Appreciation Awards; Neal Glazier, Greek Council Outstanding Greek Man; Tricia Piatkowski, Greek Council Outstanding

Greek Woman; Kathy Carcaci, Outstanding Greek Advisor; Elliott Nembhard, PERDA Outstanding Student Award; Information Technology Department, Student Government Extra Mile Award; Mike D'Arcangelo, the Center for Campus Life, Mary-Beth Cooper, Frank Lamas and Student Affairs, SG President's Award; Anna Leung and Ashley Burroughs, Isaac L. Jordan Sr. Memorial Scholarship for Diversity; Denishea Flanigan, the Cheryl Bulls, Lanette Moore and Susan Willoughby Memorial Scholarship; David Sheehan, SG Member of the Year; Paul Grimes, SG Senator of the Year; Whitney Anderson, Kathleen Keyes Memorial Scholarship; Alpha Xi Delta, Presidents' Cup for Outstanding Greek Chapter; and Erick Littleford, Eric Scott Senna Spirit Award. ■



HONORING STUDENT SCHOLARSHIP . . . The College of Liberal Arts Kearse Student Honor Awards recognizes students from across the university for their excellence in liberal arts coursework. CLA faculty and the Kearse Awards committee selected the student honor awardees, which include, standing from left to right in the front row, Jacqueline Feldman, criminal justice; Stephanie Jones, applied statistics; Aleksey Tentler, biomedical computing/computer science; and Andrew Moore, dean of CLA. In the back row are Randa Jabbour, biology; Dan Irwin, computer engineering; Dana Lucy, graphic design; Andrea Repp, psychology; Jared Albright, professional and technical communication; William Henry, computer science; and Melissa Zaczek, mechanical engineering. Not shown are John Nemeth, Gary Hoffmann, Leah Newberry, Oksana Howard and Nicole Dowse.



INTERNATIONAL STUDENT SCHOLARS . . . Forty-three students from 13 countries were honored by RIT's International Student Scholarship program. They are: Prikanka Advani, Adnan Al-Ghoubabi, Atul Bansul, Pratik Bavishi, Pratima Bijjala, Benjamin Castenada, Chairporn Chanlimchareon, Shipra Chaturvedi, Santosh Sawara, Jayant Deshpandi, Daniel Fava, Ved Vrat Gupta, Hong Seon Jang, Jin-Woo Lee, Yung-I Lin, Chi-Shiuan Lu, Akihiko Miyoshi, Maria del Pilar Palacios, Sampada Peshwe, Gaurav Poddar, Viswanath Prasad, Alok Rai, Darshan Rane, Aman Relan, Mitul Shah, Sharadul Sheth, Mayuresh Shintre, Tamar Sinclair, Kavya Yadav, Jung-Mi Yoo, Luz Zambrano and Jianming Zhou. Not pictured are: Dipti Arora, Andrew Michael, Shawn Persaud, Chakkaravarthy Rajagopal, Naresh Motiani, Katherine McNulty, Mayank Agrawal, Sheetal Sonar Pardeshi and In Wook Choi.



PHOTO FINISH . . . Brandon Remler, sales manager for Fuji Photo Film U.S.A. Inc., views the winning portfolios from this year's Fuji Scholarships. Leslie Bull, center, earned \$2,000 as the first-prize winner, and Lynn Berry was awarded \$1,000 for second prize. Both students are advertising photography majors in the School of Photographic Arts and Sciences. Judging for the scholarships was based on visual quality, craft, presentation and creativity.

Three earn outstanding adult student honors

RIT's Office of Part-time and Graduate Enrollment has named this year's outstanding adult students.

Carol Corso has attained a 3.54 overall grade-point average while maintaining full-time employment at Community-General Hospital in Syracuse. She is a manager of the central service department, and has done this while pursuing her degree from RIT as an online learner. Corso says, "If you are willing to devote the time and energy, you can move mountains." And she indicates that she has never, and will never regret the sacrifices she made to learn. "When I hear my son say, 'Mom, I am so proud of you,' I know it has all been worth it."

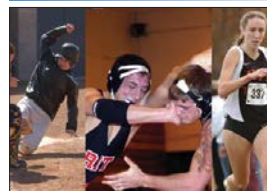
A transfer from MCC, John Borrelli has earned a nearly perfect 3.98 GPA in RIT's mechanical engineering program. His work life started as a mold maker in the injection molding industry. Over time he took apprenticeship courses and was certified as a mold maker before deciding to return to school. Borrelli's personal statement includes the insight that "becoming a better person is not accomplished by acquiring material possessions, but by acquiring knowledge."

The third honoree, Patricia Ann Poteat, will complete her M.S. degree in health systems administration this month. She is

staff director of the Community Technology Assessment Advisory Board and is driven to seek a challenging and rewarding position as a leader of a health-care organization. She will complete her M.S. degree with a 4.0 GPA. Poteat is a full-time employee, part-time student, taking two online classes each quarter, and mother to a 6-year-old daughter. "My most immediate goal for this academic year has been to survive." ■



DAVIS SCHOLARS 2003 . . . The annual Davis Scholarship Awards luncheon this month gave special recognition to student leaders who significantly contribute to campus life. Alfred David, RIT vice president emeritus, front center, joined the winning scholars. The scholars are Whitney Anderson, Grissell Cachicatrici, Gloria Farr, Lindsey Fisher, Denishea Flanigan, Nicholas Herber, Nathan Holland, Marlon Joris, Amy Kennicutt, Nicole Killian, Katie Linendoll, Michelle Lipchick, Jessica Miller, Elliott Nembhard, Nicole Paga, Maura Pincay, Dawn Salvatore, Christopher Samp, Reina Smith, Kathryn Tatar, Surat Teenkapibal, Joseph Wadcan and Jacob Zangrill.



OUTSTANDING ATHLETES AWARDS . . . Three-Time All-Empire 8 senior softball catcher Ashley Kennedy (far left), and track and cross country standout Heidi Spalholz (far right) were selected RIT Co-Female Athletes of the Year, while senior two-time All-American wrestler Pat North (center) earned RIT Male Athlete of the Year honors at the RIT Athletics Banquet on May 5.

Viewpoints

What you can do to enhance information security

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

by Jim Moore, RIT information security officer



Jim Moore

This isn't your mother's Internet. With the Internet, times certainly are changing. And we must change in the ways in which we respond to new types of threats from the Internet. It used to be that "experts" took care of all of our information security needs, and that security didn't intrude into our lives at all... except for running up-to-date anti-virus products or running personal firewalls. What's happening

is that information security is starting to intrude into everyone's life, even with the "experts" working harder than ever. For example, during the last quarter, a new worm infected over 200,000 Internet-connected hosts during a period of only 10 minutes, Internet Security Services estimates.

Traditional crimes and their perpetrators involve risks like being videotaped, leaving fingerprints, having dye explode and getting shot. Internet crimes seem to be much more civil. You can steal things without people knowing they're missing for days, weeks or months. You can erase your tracks. A cybercriminal can break into their neighbor's computer via China or Libya and never be traced.

Cybercriminals are also being helped by the complexities of software. Graphs of vulnerabilities in software show exponential growth. Recent statistics show bugs (mostly exploitable bugs) up 63 percent over the same quarter of the previous year.

Some people have begun to say, "Okay, Jim, you have scared us enough. We get the picture. What are you going to do?" To which, I respond, "Make you aware of your information security responsibilities. And make you aware that when we seem to have fewer options, it's because we want to defend our core capabilities well."

To combat rapidly increasing threats to information, we have two options, and the best strategy involves both. Broaden the base of our defense

(enlist more people, i.e. you) and reduce the number of systems to be protected. This can be done through standardizing to the extent possible, so the number of systems doesn't actually decrease. The burden of many systems with the same configuration is much less than that of many systems with different configurations.

So, enough theory, what have we done?

- We have gathered some best practices internally, and externally, and have come up with data and document classification procedures. By agreeing on confidentiality classifications, it will be easier for everyone to know how to protect data appropriately.

- We have gathered best practices in server protection to define procedures for protecting sensitive data. Similarly, we have reviewed best practices in remote access methods for sensitive data, and have synthesized protection requirements.

- We have collaborated with Purdue on a tool to support an incident response system, so that we can identify trends, improve processes, and determine costs of security failures.

- We will adopt the standard of review that has been common in the financial area for years, and will have an external information security review that begins this summer.

- We have developed an internal model of personal information assurance for individuals, especially our students.

- We are finishing basic research as the first step for the creation of configuration baselines for Windows, Linux and Macintosh. We will publish the results to the higher education community, and will develop interim baselines over the summer, with final 2003 baselines developed in the fall.

- We have an investigations lab that is being equipped for campus, so that server and critical workstation security problems can be investigated in an environment where forensic tools are available.

This and other material will be available on our Web site <http://security.rit.edu>.

We will lose the cyber-security battle, unless we work as a team. I haven't intended to scare you. I have intended to recruit you. Let's show our ourselves and our community what RIT is made of. ■

Capital campaign in full swing

With nearly \$170 million already raised, RIT's Powered by the Future Campaign is in full swing. One of the biggest boosts to the campaign has been the response of RIT faculty and staff. They've stepped forward in every area to support the

can maximize the power of their gifts and make a bigger impact on a specific program or facility," says campus campaign co-chair Larry Winnie of the College of Liberal Arts.

One notable example of group power is RIT's Facilities Management Services staff. They are establishing an endowed scholarship in appreciation of the students who worked with them while attending RIT, and in recognition of those who continue to work with them as consultants, contractors or suppliers after graduating.

In a recent letter, campus campaign co-chairs Winnie and Kathy Carcaci from Human Resources, emphasized that the goal of the campus campaign is to have each member of the RIT community seriously consider making a commitment to the campaign.

"It's critical to our future as well as to RIT's," says Carcaci. "The participation of faculty and staff, especially when they are also RIT alumni, affects our national ranking. A gift at any level makes a big difference. The campaign is not just about dollars."

This is the best time to make a gift for faculty and staff members who are also RIT alumni, noted Winnie. "The RIT Trustees have issued a Matching Gift Challenge that may double or triple the value of your gift." This opportunity ends June 30, so alumni are encouraged to act fast.

The Campus Campaign Committee is grateful to those who have already made the decision to financially support the campaign.

For more information, contact Marisa Psaila at 5-4932 or Sharon Lonhair at 5-5963. ■



Nearly 30 faculty and staff, some shown above, serve on the Campus Campaign Committee representing every college and division at RIT.

campaign and have found creative ways to make their gifts.

The faculty and staff campaign goal is \$2 million. More than one-third of that amount has already been committed—and in a variety of creative ways. Human Resources Director Patty Spinelli made a gift in honor of her HR staff. "I sincerely believe that small gifts can add up... and that every dollar given in the spirit of the campaign brings us a little closer to success." While many choose to support existing priority areas such as a college, department or scholarship, some departments have opted to pool their gifts into a brand new fund, such as endowed scholarships. "By pulling together, a group of individuals

COB scholarship bears Fram's name

Students, faculty and staff from the College of Business will share an opportunity to salute the longest-serving current member of the RIT faculty. Eugene Fram, the J. Warren McClure Research Professor of Marketing, will be honored during the COB commencement ceremony with a scholarship in his name.



Eugene Fram

Fram is completing his 45th year of service at RIT. In the past, he has served as director of RIT's Center for Management Study and helped establish the COB marketing department and international business program. He has received numerous awards, including the Eisenhart Award for Outstanding Teaching.

During graduation, Fram will be presented with a commemorative check representing the money raised for the scholarship to date.

"We're being contacted from all over the country by Professor Fram's former students," says Mark Boylan, COB director of development. "This scholarship is destined to become a wonderful legacy to

his commitment of academic excellence."

For more information, contact Boylan at 5-7477 or mcbdar@rit.edu. ■

Faculty, staff have much to learn from ELC students

For two hours every Monday, RIT professor Peter Anderson holes up in his office, frowning in concentration over grammar books, being corrected on the whiteboard and making general conversation—in Chinese.

Since 1985, he's been taking good advantage of the English Language Center's foreign language program, which tutors RIT faculty and staff in a variety of foreign languages.

His interest in Chinese was sparked when he joined an exchange program for faculty with a Chinese university. Anderson is the chief scientist in the Laboratory for Applied Computing and a professor in the computer science department.

It's a mutually beneficial relationship. The obvious benefit is to the learner—studying a new language and culture with one-on-one tutoring right on campus. But it's also an opportunity for international student tutors to share their culture and heritage with an interested pupil.

"The impetus to start the foreign language program came from a desire to help international students meet Americans and talk about

something that they were experts in—their language and culture," says Rhona Genzel, director of the English Language Center.

She says that when students first come here from another country, they often feel



Peter Anderson learns Chinese from Xiaoyun Song.

like children: they have to learn the language, understand a new currency, interpret a different set of body language, and adjust to new social norms of behavior. By being foreign language tutors, they can regain some of their adult identity.



DEVELOPING IMAGING SKILLS... Two dozen high-school and junior-college instructors from across the country recently took part in RIT's annual Basic Photography and Imaging Workshop for Educators. The three-day event provides insights on technical and practical photographic topics such as studio photography and lighting, effective use of electronic flash and special-effects photography. The workshop got its start in 1996 and continues to be offered free of charge to participants. Faculty from the School of Photographic Arts and Sciences donate their time and talents to make it possible.

Anderson's current tutor, Xiaoyun Song, a graduate student in color science in the College of Science, agrees. She says she enjoys talking about Chinese and American language and culture and comparing the differences. Making a little extra money doesn't hurt either.

Tutors are available for languages including Spanish, French, Chinese, Arabic, Russian, German and Italian. Other requests, such as a recent inquiry for Telugu, a dialect of India, are filled if a tutor can be found.

Faculty and staff interested in foreign language tutoring complete an application at the English Language Center, pay a \$15 fee each quarter and fill out a tuition waiver with human resources. The English Language Center finds a tutor, sets up a tutor/client meeting and assists the tutor with materials and lesson plans.

Contact the English Language Center at 5-6684. ■

Liberal Arts dean continues to dig for discoveries

When political tensions in the Middle East led Andrew Moore, archaeologist and dean of the College of Liberal Arts, to curtail his search for the origin of farming in ancient Jericho, he was left with many unanswered questions.

His previous work in Syria had already pushed back the date of early farming 1,000 years to approximately 11,000 B.C. Curious to investigate the spread of farming to other regions, Moore looked to the Dalmatian Coast in Croatia and to RIT's American College of Management and Technology in Dubrovnik as a potential base of operations.

Last summer, Moore and his wife, Barbara, investigated the coast and Croatian museums, and picked a key mid-Neolithic site to excavate—the early village of Danilo. Evidence of early and late Neolithic phases at the site give added import to the excavation, scheduled to begin in summer 2004.

Moore and his team will work in collaboration with Sibenik Museum and the chief prehistoric archaeologist, Marko Mendusic.



Andrew Moore excavates a sample section from the site of his next major dig in Croatia. Archaeologist Marko Mendusic and a student team member stand nearby.

In March, Moore and Mendusic spent two weeks exploring the fields of Danilo. Students from Cornell University's geology department conducted a ground-penetrating radar survey to help decide where to start digging next year. The survey allowed the team to see archaeological layers and features, including a hearth and a stone wall buried underground.

Moore's ecological approach to archaeology goes beyond the traditional emphasis on unearthing pottery and figurines. While he regards the cultural/historical approach as a useful framework, Moore

wants to go beyond what those artifacts can tell him.

"I'm interested in finding out how real people lived in the past and how they used the landscape," he says.

To do this, Moore will look for animal bones and charred seeds—evidence of an early economy.

"We're going there to dig for knowledge and any artifacts will remain in the country as part of the Croatian patrimony," he says. "All I need are maps and pictures." ■



VARIETY PACK... NTID interpreter Abie Abrams enjoyed a "full"-filling luncheon at the 11th annual Taste of RIT on May 1 in the SAU cafeteria. The sampler was sponsored by RIT Food Service, with proceeds benefiting the 2003 United Way Campaign.

RIT's first new-media grads hit workforce

Professionals in the field of design, information technology and publishing are caught in an unusual triangle. They all need to work well with one another—to

create a marketing package of logos, letterheads, brochures, flyers, commercials, multi-media presentations and games on the Web—but there's some confusion to whether they can get along.

"There have always been barriers in the industry between print and design, but RIT is doing something to bridge the gap where we all speak the same language," says Therese Hannigan, assistant professor, new media design and imaging. "This year we have the first graduating class of New Media Design, and industry has never seen a collaboration like this. When our students go out into the workforce, they will create a niche that's hard to beat."

In new media design—which is often described as "anything on screen"—the lack of business and marketing know-how is the single biggest impediment to getting started in the field. Today's young art graduates have learned visual skills, history of the field and techniques with materials, but very little about the business of art or career development.

"Not so at RIT," explains Hannigan. "We have provided our students with a new take on graphic design which they will utilize in the workforce. Perceptions will change as they show how well they can communicate and work together."

Nineteen students are nearing completion on their senior projects—designing new marketing plans for two RIT not-for-profits.

Roberta DiNoto, director of Margaret's House, and Susan Kurtz, director of Kids on Campus, are thrilled with their achievements.

"We discussed external marketing plans for our kindergarten program," said DiNoto, "and they had some great ideas about logos, brochures and the creation of a family-friendly Web site for people of the community to visit."

Likewise, Kurtz was impressed with all

the added embellishments to the Kids on Campus summer programs.

"I told them what I wanted and they came up with new brochures, flyers, slogans, a commercial to air on ESPN—even hired an actor and wrote the script—and designed animated flash games on the computer so kids will visit our Web site again and again."

Clearly, the emphasis of the new-media design program involves people skills—where the designer talks to the programmer and both meet the needs of the client.

"These students are playing the role they will play in industry," explains Hannigan. "They will have the marketing sense it takes to create the whole composite, which will be a heady and all-around rewarding experience for both the client and the designers." ■



Therese Hannigan, left, assistant professor, new-media design and imaging, discusses marketing strategies for Margaret's House with Jason Amering, Kyle Benjamin and Roxanne Stevens.



WILDFIRE HUNTER... Donald McKeown, distinguished researcher in the Chester F. Carlson Center for Imaging Science, was interviewed about the Wildfire Airborne Sensor Program that he and fellow distinguished researcher Michael Richardson are working on for the U.S. Forest Service. Their research attracted the attention of ScienCentral News, a National Science Foundation-funded project that provides news segments to ABC-TV news affiliates. Also affiliated with PBS NOVA, ScienCentral News tells RIT's WASP story as a NOVA News Minute called Fire Hunter. The New York Times featured the project May 8. The research program was made possible through the support of Congressman Jim Walsh.

What matters

At 6 p.m. on Friday, May 23, the George Eastman House will present the premiere of *What Matters?* The photo-documentary, produced by RIT students as the latest installment of ESPRIT (Electronic Still Photography at RIT), features seven stories that celebrate the unheralded priorities that dominate our American way-of-life. Proceeds from the event benefit the Bivona Child Advocacy Center, an agency dedicated to the treatment and prevention of child abuse. For more information, call 271-3361.

Hit the ground running

The J. P. Morgan Chase Corporate Challenge is just around the bend on Thursday, May 29.

The 3.5-mile run/walk through Highland Park begins at 7:15 p.m. This will be RIT's eighth year of involvement in the event, which drew 199 RIT faculty and staff last year and more than 8,000 runners and walkers from some 180 companies in the local area.

Registration before May 20 is \$16. RIT employees of at least three months who work 25 hours per week or more prior to race day are eligible to join the team.

Visit www.rit.edu/~pjhnce/corpchallenge.html.

Gallery r exhibition

Gallery r, 775 Park Ave., hosts RIT's School of Art Senior Fine Art Studio Exhibition through June 8.

For more information, call Gallery r at 242-9470 or visit www.galleryr.org.

Web pros conference

RIT will host the fourth annual Higher Education Web Professionals of New York State Conference, June 23-24, at the RIT Inn & Conference Center.

The full two-day conference costs \$90, which includes all sessions, meals and snacks. Hotel accommodation is available.

Sessions on accessibility, Web standards, rich media, Dreamweaver workflow, Web content, branding, information architecture, databases, user interface and portals will be lead by higher education Web professionals from industry and education.

For more information and to register, visit www.highedweb.com. The registration deadline is June 2.

Bookstore donation

Campus Connections, RIT's bookstore, recently donated \$500 to the Loftus Carlson Book Fund, which assists AALANA students with book needs for classes. To find out more about the fund, contact Eulas Boyd, assistant provost for diversity and director of the North Star Center.



POTHLES LIKE YOU'VE NEVER SEEN... Think driving on Rochester roads after a tough winter is a challenge? Try maneuvering around craters and other obstacles like two teams of RIT mechanical engineering students did at the 10th annual Great Moon Buggy Race, April 11-12 in Huntsville, Ala. In competition, sponsored by NASA, for quickest assembly and course completion times and best technical design of human-powered, "all-terrain" buggies, RIT took 16th place among 68 high school and college teams from 20 states and Puerto Rico. Above are Jeff Klingzahn and Krista Rivet on the simulated lunar-terrain course.

New field to help alleviate crowded sports schedules

The demands on RIT's athletic and recreational fields are extraordinary. To provide improved quality and availability of top-notch athletic facilities, while also providing a venue for large campus and community events, RIT plans to construct an all-weather lighted artificial athletic field to complement the Gordon Field House and Activities Center. The \$1.2 million field will be a tremendous addition to the intercollegiate, recreational and student activities hub of campus, increasing game and practice opportunities for intercollegiate lacrosse, soccer, softball and baseball.

In the last decade, participation in intercollegiate sports has grown 46 percent with teams competing or practicing six days a week throughout the school year. Approximately 7,000 RIT undergraduate students participate in 22 intramural sports or athletic clubs while classes are in session. Some 600 ROTC cadets use the fields for year-round drills, physical fitness and training.

Constant over-use from these groups and others take a tremendous toll on the grass athletic fields. Combine the heavy scheduling with Rochester's weather conditions, and the challenge to manage and maintain the current fields increases dramatically. Intercollegiate soccer and lacrosse events are often cancelled due to unsafe and unplayable conditions.

"A turf field will enable our athletes to perform at their absolute best and, at the same time, give RIT a facility that it can be proud of—one benefiting an NCAA Division III leader and one of the largest universities in this region," says Vice President for Student Affairs Mary-Beth Cooper.



Artist rendering of RIT's new turf field near parking lot U

In addition, the facility will increase student participation in intramurals and add a much-needed location for major

campus events such as Brick City Festival and Reunion Weekend. This new artificial turf field will function as an important avenue for community outreach, with significant benefit to RIT students, faculty, staff and the western New York region.

The field will also allow RIT to host events such as Section V high-school playoffs, the Empire State Games and western New York soccer and lacrosse tournaments. These events greatly increase the visibility of RIT and the greater Rochester area by bringing event participants and spectators to the region for several days at a time. ■



SPLISH, SPLASH . . . For the second straight year, RIT's concrete canoe team advanced to national competition by capturing first place in regionals on April 26 on Snyders Lake in Troy. The team earned first place in the co-ed, men's and women's sprint events and the women's endurance contest, earning the top spot for the fourth time since 1997 and a berth at the 16th annual National Concrete Canoe Competition June 20-22 in Philadelphia. Shown above, Tung-To Lam, front, and Kyle Platek cross the finish line in first place in the men's sprint event. In another regional competition, RIT's steel-bridge team took third place to qualify for nationals on May 24 in San Diego. Both contests were sponsored by the American Society of Civil Engineers.



HONORARY MEDIC . . . Students from the RIT Ambulance program recently presented New York state Sen. Jim Alesi, center, with a plaque designating him "honorary member" of the ambulance corps. Alesi has been instrumental in securing state funding for the RIT Ambulance, a student-run program, enabling them to purchase equipment that they would not otherwise be able to acquire. Standing with the new vehicle purchased with some of these funds are, left to right, Tim Keady, associate director, Student Health Center; Alan Cohen, outgoing chief of operations, RIT Ambulance; Alesi; Keith Tabakman, outgoing president, RIT Ambulance; and Assemblyman Joe Errego.

Lab dedication (from page 3)

Within months, RIT broke ground on the 11,000-square-foot Heidelberg Web Press Laboratory. Construction culminated with the installation of the Sunday 2000 earlier this year.

The Sunday 2000 offers practical educational opportunities for students within RIT's School of Print Media and members of the printing industry. Also, RIT's Printing Application Laboratory will use the system in collaboration with web offset printers and suppliers on applied research projects.

"Our relationship with Heidelberg is a great example of how industry and academia can work together for the greater good," states Simone. "Our students, the printing industry and consumers all benefit."

In conjunction with the dedication, RIT's Printing Industry Center sponsored an industry symposium, Print Media Industry Futures: Challenges and Opportunities, which preceded the event. Topics presented by School of Print Media faculty included industry demographics, value-added services, and computer-integrated print manufacturing. Wolfgang

Pfizenmaier, president of Heidelberg Digital and a member of RIT's Board of Trustees, discussed education's role in the printing industry and Bruce James offered remarks from his perspective as U.S. Public Printer. ■



ARTIST APPRAISAL . . . Renowned painter and printmaker Terry Winters met with fine arts graduate students in early May to lecture and critique their work. Here, Paula Crawford engages the visiting artist with a brief discussion of her thesis painting on display at Bevier Gallery.

Sen. Schumer (from page 1)

Sen. Schumer has also been a staunch champion on behalf of RIT, helping to secure significant funding for the university's research program in Defense Modernization and Sustainment over the past several years.

As the first New Yorker on the Energy Committee in 25 years, the senator has sponsored legislation to make SUVs and minivans more fuel efficient, which would lower gas prices and save over 1 million barrels of oil per day.

A graduate of Harvard College and Harvard Law School, Schumer was elected to the New York State Assembly at age 23, making him one of the youngest members since Theodore Roosevelt, and to Congress at 29. In 1998, he was elected to the United States Senate. New York's senior senator, Schumer lives in Brooklyn with his wife and two daughters. ■

Xerox (from page 6)

Natasha Womack, Xerox HR specialist. The program has received positive student feedback, notes Dansler Hill. Third-year information technology student Markell Williams says, "This has cemented for me the proper ways to behave in a professional setting." He adds, "It helps get you in the right mode for the work world, and start thinking about the bigger picture, after college."

Management information systems business student Kelvin Ruiz says that he dreaded interviews. "The program taught me how to open up, ask questions and prepare; I've become more confident and calm, less nervous about interviewing."

The students had their chance to shine towards the end of the program at the Career Workshop. Dozens of students interviewed with Xerox representatives for cooperative education positions and other opportunities.

They also took part in a "4.0 program" as part of the series, where they earned rewards for achieving top grades in all their classes.

CLMP co-creator Manny Contomanolis, assistant vice president, Cooperative Education and Career Services, says, "RIT believes in partnering with progressive firms like Xerox to enrich our students' experience and raise their odds of success. In this program, our AALANA students are learning key corporate-culture and career-preparation skills."

To learn about RIT's North Star Center, visit <http://www.rit.edu/~nscnter>. ■

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