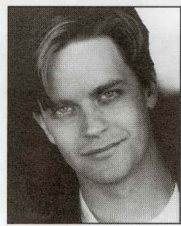
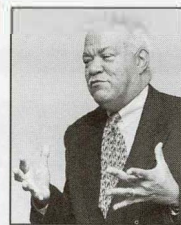


2 Photos tell a story of community



2 SNL comedian comes to RIT



3 Mayor Johnson talks leadership



4 Designer couch gets a new home

# News & Events

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www.rit.edu/NewsEvents

## Faculty authors boast impressive list of published works

When you think RIT, what comes to mind? First in Class. Top-notch programs. Great authors.

Well, maybe the first two spring immediately to mind. But, great authors, you say?

Yes. Great authors. Prolific authors. A multitude of them. All here on this campus writing and publishing books that are not only found in classrooms around the country, but many of which become industry handbooks.

As may be expected, and can be seen in the list that accompanies this article, most faculty members follow a simple rule of thumb: They write about what they know, though some poke fun at their areas of expertise. Take Frank Romano, the Roger K. Fawcett Distinguished Professor in the School of Printing Management and Sciences. By far one of the most active faculty authors (he has written 11 books alone or with colleagues or students in the

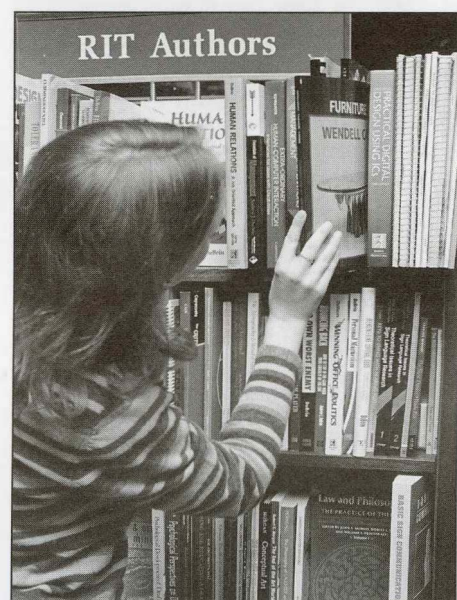
last two years), Romano recently tried his hand at humor when he published *Desktop Follies*, an amusing collection of magazine and journal articles.

But for the most part, RIT authors pen books that address fairly serious issues and specialized fields. For example, *Wavelet Transforms: Introduction to Theory and Applications*. This book by Raghuvier Rao, a professor of electrical engineering, and Ajit Bopardikar, a doctoral candidate at the Chester F. Carlson Center for Imaging Science, ranked fourth out of more than 50 best-selling books on the topic of "wavelets" on the Barnes & Noble Booksellers online site in October.

While it would seem faculty members already have enough on their plates with teaching, research and advising, most say that writing books affords them a uniquely satisfying outlet for their intellectual energy.

"Writing makes the ideas more concrete, but it also pushes me harder in confronting issues that go beyond the classroom, both in scope and appropriateness for a class discussion," says Lee Quinby, the Caroline Werner Gannett Professor in the College of Liberal Arts.

And writing a textbook on a topic they teach provides them with the ideal course material and readings, should they choose to make it a required class text, which some do, according to John Roman, director of Campus Connections.



Campus Connections stocks more than 150 titles by RIT authors. Store director John Roman says he is happy to carry any book written by an RIT faculty member.

RIT's bookstore carries any textbook a faculty member designates for a class. The store also carries titles in the general/trade books section that aren't in the textbook section. To date there are upwards of 150 titles in the "RIT Authors" area of the store.

Roman says that Campus Connections will carry any book written by an RIT author that is in print. He uses *News & Events* for information on current or upcoming releases and invites those who are publishing to contact him if they haven't already.

"Carrying books by RIT authors is good for us. It's good for faculty and staff relations. And it's good for current and prospective students to see," he says.

And it certainly doesn't hurt the authors, who on average receive 18 percent of the retail price of a book. But most say it's not the money that motivates them to publish.

"I like writing books because it's an accomplishment you can see. It's a real tangible thing you can hold in your hand and say that you've done yourself," says Romano.

### The authors among us

The following is a sampling of books published by RIT faculty members in the last two years. This is not intended to be a complete listing.

- *Constantino Brumidi: Artist of the Capitol* co-written by Pellegrino Nazzaro
- *For Argument's Sake, Third Edition* by Katherine Mayberry
- *The Friendship of Florence Nightingale and Mary Clare Moore* by Mary Sullivan
- *InDesign InDetail* by Frank Romano with David Broudy
- *An Introduction to Digital Prepress for Flexography & Packaging* by Barry Lee
- *Leadership: A Quick and Easy Approach* by Barbara Birkett, Miles Southworth and Warren Daum
- *Leo Strauss, the Straussians, and the American Regime* by John Murley
- *Looking Around Corners: The Art of Problem Prevention* by Andrew DuBrin
- *Millennial Seduction: A Skeptic Confronts Apocalyptic Culture* by Lee Quinby
- *Notes on the Elston Press* by Herbert Johnson
- *Philosophy in Post-Communist Europe* by Dane Gordon
- *Police Trauma: Psychological Aftermath of Civilian Combat* edited by John Violanti
- *Wavelet Transforms: Introduction to Theory and Applications* by Raghuvier Rao and Ajit Bopardikar

## RIT professor awarded research grant from NASA

An RIT professor is developing new semiconductor devices that can sense light in space without malfunctioning in harsh radiation environments.

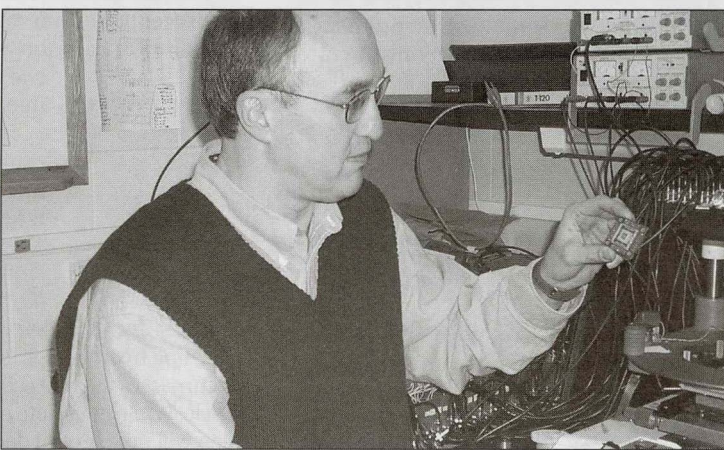
NASA's space astrophysics program is providing \$679,700 in funding for Zoran Ninkov, professor of imaging science, and his research team to continue to fabricate and test improved solid-state sensor arrays, known as complementary metal oxide semiconductor image sensors (CMOS), in partnership with Raytheon Corp. and the University of British Columbia.

The new sensor arrays are being developed to replace the charge coupled device (CCD), the standard imaging sensor used in many consumer applications, such as camcorders and digital cameras. This silicon imaging device, invented 30 years ago, does not function well in high radiation environments.

Radiation from the sun's and earth's radia-

tion belts has compromised the performance of CCDs on both NASA's Hubble and Chandra missions.

The Achilles' heel of CCD is the need for transferring the charge produced by incoming light into useful data. Exposure to high radiation levels prevents CCDs from transferring charge efficiently because the charge must move across the sensor to an amplifier located at its edge.



Imaging scientist Zoran Ninkov holds a sensor similar to the ones he will develop for NASA to withstand radiation in space.

For several years, Ninkov's team has worked on developing sensors that do not need to transfer charge in this way.

To prevent radiation degradation, the scientists integrated the sensor and the amplifier in each pixel of the array. The sensor region and the amplifier are now to be sandwiched together in the vertical direction using a process called indium bump bonding, which works like an epoxy.

The process enables the silicon sensor to convert the incoming light to electrons. The electrons are then transferred to the amplifier beneath the sensor and converted to voltage. The voltage is then digitized and stored in a computer. The new sensor arrays can be read more quickly and efficiently than CCDs.

"If you build good technology, there will be many applications for it," Ninkov says.

Ninkov's team collaborated with CIDTEC Inc. of Syracuse and Lynn Fuller, department head of microelectronic engineering at RIT's College of Engineering, to integrate the sensor and amplifier in each pixel of the CMOS arrays.

## RIT Players to present *The American Clock*

The RIT Players, in conjunction with the College of Liberal Arts, will "break a leg" once again with their dramatic

interpretation of *The American Clock*, a play by Arthur Miller.

The play employs a series of vignettes and short scenes, with the actors portraying some 52 characters, to capture the sense and substance of

America in the throes of the Great Depression. The central figures are the Baums, a wealthy family whose fortune has vanished in the stock market crash. The audience will also catch a

glimpse of a farmer who has lost everything in the dust bowl; a prostitute who exchanges her favors for dental work; a white southern sheriff enslaved by a black short-order cook; and a young man who dreams of success on the Tin Pan Alley.

In the end, the play becomes a testament to this tortured time in American history and of the unconquerable spirit of the people who survived in the face of adversity.

The performance will begin at 8 p.m., Jan. 27-29 and Feb. 4-5. A 2 p.m. matinee can be seen on Feb. 6. Saturday performances will be interpreted. Tickets are \$4 for RIT students and \$7 for faculty/staff and can be purchased in advance or at the door. Presale tickets carry a discount.

For more information, call 5-5104 or e-mail the RIT Players at players@rit.edu.



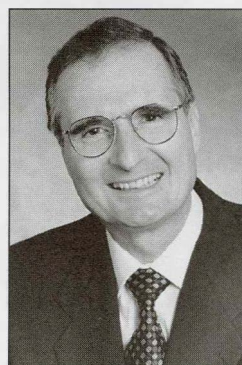
## Pres. named to Fed. Reserve Bank N.Y.

President Simone has been appointed by the Board of Governors of the Federal Reserve System to a three-year term as a director of the Federal Reserve Bank of New York. He will serve a three-year term as a class-C director of the bank.

About his appointment, Simone says he is "returning to his macroeconomic roots. I expect to learn a lot and hopefully contribute to the important work and accomplishments of the Federal Reserve System, which is playing such a critical role in the success of today's economy," he explains.

The nine member board of directors of the Federal Reserve Bank of New York has three class-C directors who are appointed directly by Alan Greenspan in his role as

Continued on page 4



Albert Simone



## Switzer Gallery show

The Switzer Gallery of the National Technical Institute for the Deaf is opening the new millennium by showcasing the talents of Institute employees who are also professional artists.

"Artworks, work by faculty and staff artists of NTID," runs Jan. 10-28. A reception will be held 4-6 p.m., Thursday, Jan. 13.

For more information about the show, call 5-6855 (V/TTY).

## Visiting artist speaks

Helen Miranda Wilson, a gifted painter of landscapes, still life and more, will talk about her work as a painter at 7:30 p.m. on Tuesday, Jan. 18, at the Memorial Art Gallery, co-sponsored by RIT.

Wilson, whose exhibition record dates from the 1970s to today, has work in major museum collections including the Metropolitan Museum of Art in New York City. Her visit is also sponsored by the Print Club of Rochester and the Memorial Art Gallery. For more information, call 473-4115.

## Race videoconference

Race, Class and Health, a live videoconference, will be presented from 1 to 4 p.m. on Wednesday, Jan. 19, in Ingle Auditorium, Student Alumni Union. The presentation brings together leading researchers investigating issues of race, class and health, public health officials, community health advocates, faculty, staff and students seeking to transform race relations in their communities.

For more information about the free videoconference, call Karen Pelc or Keith Jenkins at 5-2255 or 5-6012.

## Kindergarten open house

Margaret's House is hosting a Kindergarten Open House meeting from 5 to 6 p.m. Wednesday, Jan. 26, at the center. Tours of the facility and information about curriculum and cost will be offered. The full-day kindergarten is limited to 12 to 15 children. For more information, contact Roberta DiNoto, director, at 5-5948.

## Hospitality conference

RIT's hospitality and service management department and the Frankenmuth, Mich., Chamber of Commerce and Convention and Visitors Bureau present Breakthrough Management, a two-day conference focusing on helping to improve quality, management and customer relations in service businesses such as restaurants and hotels.

Five representatives from RIT, including Francis Domoy, department chair, will speak at the conference set for Jan. 27 and 28.

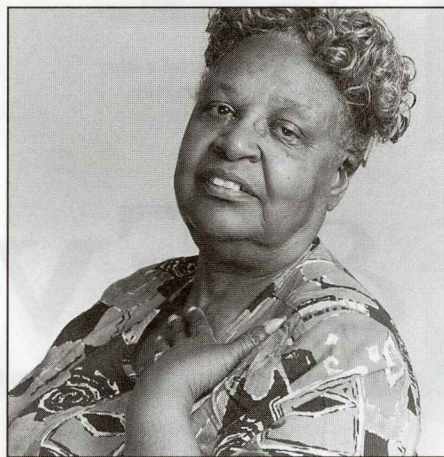
Call 5-2867 for more information.

# Images tell story of a city in transition

Images captured by four RIT photography students served as the backdrop for the dramatic telling of the story of northeast Rochester and the transitions and transformations the area saw between 1950 and 1970.

"Mildred Johnson Speaks . . . Again: A First-Person Narrative" was presented by Almata Whitis on Dec. 12 at the Frederick Douglass Museum and Cultural Center. The performance art drama detailed the changes seen in the neighborhood during that 20-year period using, in part, the writings of Mildred Johnson, a native Rochesterian who was active in the civil rights movement and published a newsletter for the northeast Rochester community.

In addition to Johnson's writings and research obtained from local residents and historical archives, the presentation included black-and-white portraits of community members. The images, taken throughout the past summer and fall, helped provide a sense of the character of the community. With only two of the shots being taken on location and the remainder using simple studio backgrounds, the RIT students were challenged to craft intimate



Kazuteru Usuda's image of a northeast Rochester resident was one of many that enhanced a recent dramatic performance about the history of the neighborhood.

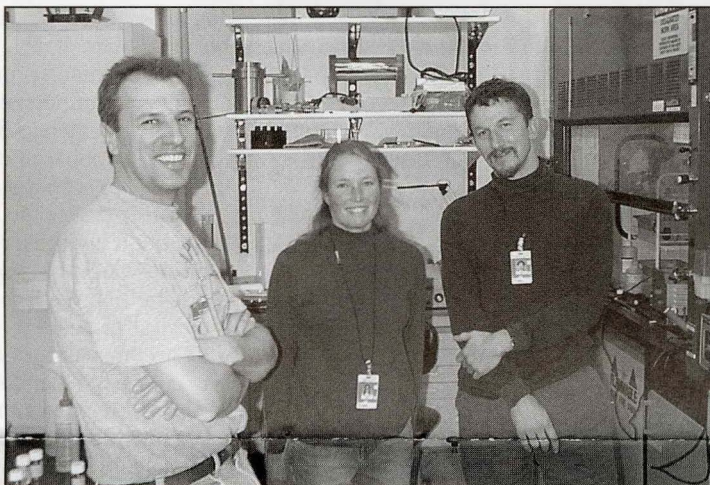
photographs that conveyed something personal about each subject.

Loret Steinberg, associate professor in the School of Photographic Arts and Sciences, became involved in the project months ago and says she was anxious to make students a part of it.

## Chemistry professor leads energy study

Thomas Gennett, associate professor of chemistry, imagines the day when hydrogen—a clean and renewable fuel source—will replace fossil fuels as our primary energy source.

Gennett conducts his research with a collaboration of scientists and engineers at the National Renewable Energy Laboratory in Golden, Colo. The U.S. Department of Energy recently awarded an \$850,000 grant to the research team, known as the nanostructures materials group, to create better burning fuels without toxic by-products. The researchers will use carbon structures



Tom Gennett, at left, is investigating clean and renewable fuel sources at the National Energy Laboratory in Golden, Colo. He is joined here by researchers Anne Dillon and Mike Heben.

end, Gennett is exploring methods of improving fuel cells and hydrogen storage.

"The major source of hydrogen is water. If you can split the water and get the hydrogen, then you can burn the hydrogen and get back the water. It's renewable, cheap and pollution free," Gennett says.

The process, Gennett explains, starts in the fuel cell where hydrogen is generated from water. The hydrogen is then stored in carbon nanotubes before being

burned in a modified combustion engine. Burning hydrogen produces water, which is returned to the fuel cells to resume the cycle. While complete conversion to hydrogen will take several decades, Gennett anticipates many changes occurring in the short-term, beginning in about five years with public transportation and cars with hybridized fuel mechanisms, similar to those already in existence.

To help make this a reality, Gennett and his colleagues are exploring ways to store hydrogen in nanotubes, structures which represent a viable method of hydrogen storage, one of the key obstacles in realizing hydrogen's potential. These tiny sheets of carbon are rolled into tubes and capped on both ends with fullerenes, structures resembling soccer balls.

The researchers are working hard to improve nanotube storage capacity. Their goal is to achieve the DOE's density requirements for fuel storage intended to keep gas tanks light enough for cars to carry. According to DOE standards, nanotubes must store 6.5 percent of their own weight of hydrogen. Gennett and his colleagues have already modified nanotubes to control the absorption and desorption of hydrogen at room temperatures and under ambient pressure to levels of approximately 7 percent and continue towards total desorption.

The DOE awarded a separate \$40,000

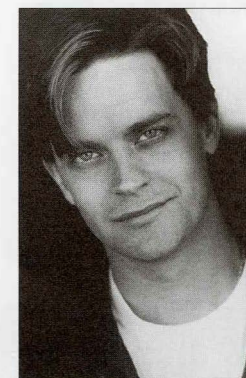
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"This was a great opportunity for them to learn about the neighborhood and some of the history of Rochester. They spoke with people they never would have met otherwise," she says. "Plus this is a way to incorporate photography in a supportive way in the community."

The four students who worked on the presentation are Hyosub Shin, Kazuteru Usuda, Megan Jolly and Andrea Carson.

## SNL comic comes to RIT Jan. 29

Former *Saturday Night Live* cast member Jim Breuer comes to RIT's Clark Gymnasium at 8 p.m., Saturday, Jan. 29.



Jim Breuer

Breuer's film credits include *Dick and Half-baked*, and he has appeared on *Home Improvement*, *Late Night with Conan O'Brien*, *Late Show with David Letterman* and *The Daily Show*. However, Breuer is probably best known from his four-year stint on *Saturday*

*Night Live*, where he portrayed popular characters like Joe Pesci and Goat Boy.

Tickets—\$8 for students, \$10 for faculty/staff and \$12 for the general public—are for sale at the Student Alumni Union candy counter, game room and College Activities Board office.

For more information, call the game room at 5-2239 (V/TTY).

## SPAS show, Jan. 28

SPAS Gallery presents a Hispanic Students Group Show through Jan. 28. The gallery is located on the third floor of the Frank E. Gannett Building. For more information, call 5-5919.

## Midnight breakfast

Save the date! RIT's annual Midnight Breakfast is scheduled for 10:30 p.m. to 12:30 a.m. Tuesday, Feb. 22. The Commons, National Technical Institute for the Deaf. Faculty and staff volunteers are needed to cook, serve and clean for our students who will be in the midst of final exams. For more information, or to volunteer, contact Hamad Ghazle, faculty in residence, at 5-2241.

## Emergency stickers?

Does your phone have a blue sticker on it? All campus phones should have on them the blue, emergency-numbers sticker provided by the Department of Campus Safety. The sticker has useful numbers in case of emergency, as well as numbers for the offices of escort service, parking and lost and found. For stickers, call the Department of Telecommunications Services at 5-5800.

## Help is just a call away

Across campus you'll find blue-light courtesy call boxes attached to exteriors of academic buildings, residence halls and apartment buildings as well as in many parking lots. The call boxes dial directly into the Department of Campus Safety, indicating the caller's exact location. Even if the caller cannot communicate, officers will immediately respond.

"We encourage the RIT community to use these call boxes for information, escorts, motorist assistance and to report suspicious conditions or ask for emergency help," says Russ Tripoli, patrol services supervisor.



IT'S A HIT . . . Jason Schwingle, a senior in the College of Business, lends a helping hand during a recent holiday party for kids who attend the Volunteers of America Children's Center. For the past year, more than 60 College of Business students have gone to the center every other week and lent their support as needed, whether it involved setting up a computer, serving dinner or playing a rousing game of "Duck, Duck, Goose." RIT students continued their efforts by raising funds, soliciting donations and gifts, and organizing, under Schwingle's direction, this day-long holiday party for more than 200 children ages one to six.



# Viewpoints

## Martin & the Millennium: Keeping the dream alive

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

by Mariama Boney-Padilla, coordinator for diversity education and multicultural programming, Center for Student Transition and Support



Mariama Boney-Padilla

After recently having the pleasure of visiting the Martin Luther King Memorial Center in Atlanta, I am filled with mixed emotions as we move into a new century; a new millennium. I have feelings of

pride and gratefulness for those who came before me and fought for the social, economic, political and cultural rights we have today. Yet feelings of sadness and disappointment emerge with the realities facing us.

With the increase in hate crimes on college campuses and in the nation, the ever-present existence of overt, subtle and institutional racism, attacks on affirmative action in higher education, plus challenges with diversity and integration, I am forced to ask "What has happened to 'The American Dream' King and others pioneered? Or is it 'A Dream Deferred'?"

Too often we hear of racist e-mails, derogatory epithets and writing in our campus halls and on our campus walls. As a good friend pointed out—history is often cyclical. In that vein, it is possible that we are again at a point where we are still devising strategies to diversify our campuses. We are still exploring ways to level the playing field for opportunities, access to higher education and better careers. We are still calling for an end to prejudice, discrimination and racism, and still praying

for an end to the violence.

In the words of Shirley Chisholm, "[Our] time is now. New goals and new priorities not only for this country, but for all of mankind must be set. ..." Critical to our nation's survival are the very tenets for which King fought. There is amazing opportunity for change. As educators, leaders of today and leaders of tomorrow, we possess the skills to affect the social, economic, cultural and political realities of our nation. This is what society needs and

expects from us in higher education.

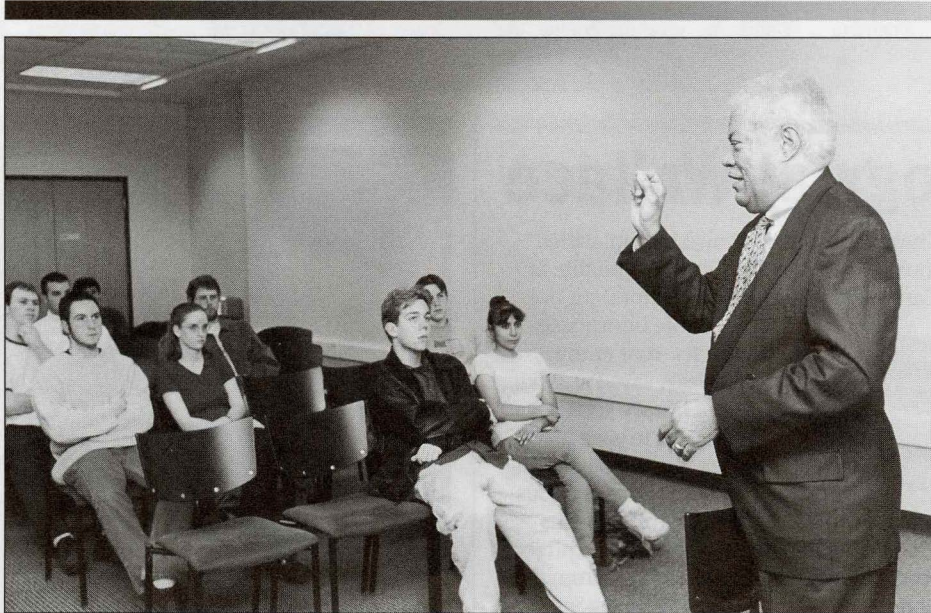
It is our responsibility to carry on the legacy left by King and others during the 1960s: to carry on the legacy of nonviolence and its impact on social change; to carry on the legacy of equality for all people; to carry on the legacy of accepting our differences and celebrating our culture; to carry on the legacy of participation in the political system to encourage fair legislation; and to carry on the legacy of morality for all of mankind, uniting countries

across the world. As Maya Angelou says, "History, despite its wrenching pain, cannot be unlived, and if faced with courage, need not be lived again."

"Education is the great engine of personal development," says Nelson Mandela. It is through our association with higher education that we become change agents and can continue to keep "The Dream" alive. Since history is often cyclical, with periods of advancement followed by periods of regression, I believe we are now in a period of regression. With a new century and a new millennium upon us, we must continue to advance. The opportunity to keep the legacy of King alive rests with each of us.

Our position here in higher education is unique and significant. Therefore, let us make use of this educational environment to practice nonviolence and zero tolerance; create pathways for equality and social justice; enhance our multicultural development and seek allies; continue dialogue to erase the cultural, economic, political and social myths; learn more about the civil rights movement and contributions of King; and advance change.

Happy birthday, Dr. Martin Luther King Jr. May your spirit forever live with us and may we forever carry on "The Dream."



SHARING LESSONS IN LEADERSHIP... Mayor Bill Johnson spoke to a select group of RIT freshmen Dec. 9 as part of the Living and Learning Leadership Series, a freshman-year leadership experience. In his talk, the mayor addressed the role of leadership skills in one's life and career and how an individual can become a leader. The program, in its inaugural year, allows students to learn about leadership through retreats, presentations and self-assessment.

## RIT professor helps design Nobel electronic museum

An RIT professor is helping Sweden's Nobel Foundation celebrate the centenary of the first Nobel Prizes in 2001. Paul

**"Everyone has a different idea of how to use the Web. I... realized we were of the same mind in how we design things."**

—Paul Craig, associate professor of chemistry

Craig, associate professor of chemistry, will help design simulated biochemistry labs for the Electronic Nobel Museum, a multimedia expansion of the foundation's Web site.

Appropriately, the collaboration came about via the Internet. A co-director of the Nobel Foundation's electronic museum, Sture Forsen, sent Craig e-mail in September complimenting him on his simulated biochemistry lab posted on the RIT Web site.

"I was shocked. I was amazed. I'm still flabbergasted," Craig says. Coincidentally, Craig had been working on simulated biochemistry laboratories for the last several years. The multimedia lab that Forsen saw on the RIT Web page, for instance, simulates the separation of proteins in a process known as electrophoresis. Craig designed the site with former graduate student David Mix.

After an exchange of e-mails, Forsen invited Craig to collaborate on a series of

similar projects for the electronic museum.

"Everyone has a different idea of how to use the Web. I looked at their stuff and realized we were of the same mind in how we design things," Craig says. Although still working out the details of a formal arrangement between RIT and the

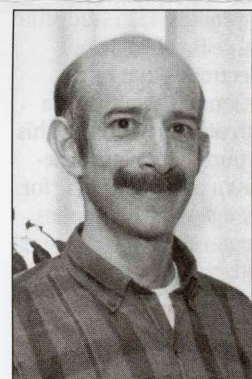
Nobel Foundation, Craig is looking forward to contributing to several of the 10 to 12 multimedia labs planned for the electronic museum. The labs will cover a range

of topics, including chromatography, nuclear magnetic resonance and electrophoresis.

Craig and a team of students will make the simulated labs as interactive as possible using video-game interfaces to appeal to teenagers, reflecting the foundation's goal to interest young people in science. "The hope is to have good science in the labs and good fun," Craig says.

Craig attended the Nobel Foundation's recent banquet and award ceremony in Stockholm as an invited guest of the Electronic Nobel Museum.

## NTID scholarship honors professor



Edward Lichtenstein

An endowed scholarship fund has been created in memory of Edward Lichtenstein, associate professor of English, National Technical Institute for the Deaf. Lichtenstein died of leukemia in 1997.

In honor of his dedication to young deaf students at NTID, his mother, Harriet, established the Edward H. Lichtenstein Memorial Endowed Scholarship Fund with a \$25,000 gift to the college.

Lichtenstein began his career at NTID in 1980 as a communication assessment and advising specialist. He facilitated the development of NTID's high-tech Learning Center and provided tutoring support during evening and weekend hours in the college's English Learning Center. For his tireless efforts, he received NTID's National Advisory Group's Outstanding Service Award in 1997.

Those interested in contributing to the fund should contact The NTID Foundation at 5-6836 (V/TTY).

## Students can expect aid increase in 2000

RIT students, particularly those in lower-income brackets, will benefit from an increase in financial aid next year.

Recent lobbying efforts by private colleges and universities have paid off with passage by Congress of the FY 2000 education appropriations bill, resulting in "solid gains" in student aid funding, says David Warren, president of the National Association of Independent Colleges and Universities. "The constant message to Congress that student aid funding is important [has] paid off," he says.

Highlights of the bill include a \$175 increase in the Pell Grant maximum, from \$3,125 to \$3,300, and a \$64 million boost in the Federal Work Study aid program. Also the TRIO program, which supports post-secondary opportunities for economically and educationally disadvantaged students, received a significant increase, as did other higher education programs. RIT's Office of Special Services is among federally sponsored TRIO programs.

"These programs are very important to our students and their families," says Deborah Stendardi, associate vice president for government and community relations at RIT. "We are very pleased that Congress continues to affirm that investment in higher education is vital to our national interests."

In addition, under the bill the 1999-2000

appropriation for the National Technical Institute for the Deaf is increased by \$2.6 million to \$48.1. "We appreciate the generous and continuing support by the U.S. Congress and the U.S. Department of Education. The opportunities for quality employment and self-sufficiency that have helped NTID/RIT-trained graduates would still be only the dream it was before NTID was established," says Robert Davila, vice president for NTID.

**GIVING TO THE COMMUNITY...** The Hites Family Community College Scholarship Foundation established a scholarship this year to benefit outstanding students who transfer to RIT from community colleges. Shown here, from left to right, Robert French, assistant vice president for the Enrollment Management and Career Services Division, presents Stephanie Madison and Michael Seymour with their plaques as honorees for 1999. The award provides a total \$12,000 in scholarship support to each student over two years.



## Web site of the month

RIT's electrical engineering department invites visitors to its Web site where details on current senior projects can be found. Some of the projects highlighted include a portable Internet shopping device, "robovac" (a robotic vacuum cleaner) and a voice-controlled lamp. The Web site also details previous student projects. The electrical engineering Web site address is [http://www.ee.rit.edu/srdesign/web\\_page/](http://www.ee.rit.edu/srdesign/web_page/).



# News makers

• **Frank Annunziata**, chair, department of history, was invited to serve on the selection committee of the James Madison Memorial Fellowship Foundation for a second year in a row. The foundation awards scholarships to high school teachers of American history, government and social studies for graduate work pertaining to the Constitution. The selection committee will recommend 65 scholarship recipients from approximately 550 applications.

• **Andrew Davidhazy**, professor, College of Imaging Arts and Sciences, delivered a lecture on "Improvvised Digital Cameras and Photography" to a meeting of the Buffalo Industrial Photographers in November. "Digital Camera Improvisation," an article by Davidhazy, was also published in the November 1999 issue of the *Electronic Imaging Newsletter* of the International Society for Optical Engineering.

• **Robin Diana**, program coordinator for the First-Year Experience program, Center for Student Transition and Support, presented "On Your Mark, Get Set, E.N.G.A.G.E." at the regional Students in Transition Conference sponsored by the National Center for First

Year Students in St. Louis, Mo. The presentation focused on a non-traditional approach to classroom teaching.

• **Eugene Fram**, professor, College of Business, is lead author of an article appearing in *Marketing Management*. "The True Price of Penalties" reports on a study of consumers' reactions to paying penalties for failing to complete a transaction. The study found that penalties are common in 13 industries ranging from airlines to universities. Co-author of the study is Michael McCarthy, a graduate of RIT's MBA program and an assistant professor at Miami University of Ohio.

• **Hamad Ghazle**, professor, College of Science, was recently elected chair of the site visit team that inspects diagnostic medical sonography programs throughout the country for the Commission on Accreditation of Allied Health Education Programs. In addition, Ghazle has been elected as the western upstate representative of the National Society of Diagnostic Medical Sonographers and the president of the Rochester Ultrasound Society.

• **Satish Kandlikar**, department head, mechanical engineering, is editor-in-chief of the book *Handbook of Phase Change: Boiling*

and *Condensation*, just published by Taylor & Francis. The book is a collaborative work by 40 contributors from around the world.

• **Sophia Maggelakis**, professor, College of Science, contributed a chapter to *Mathematical Models in Medical and Health Science*, recently published by Vanderbilt Press. Maggelakis' chapter is titled "Modeling the Effects of Angiogenic Factors on Tumor-related Angiogenesis and Vascularization: A Review."

• **Stanley McKenzie**, provost and vice president for academic affairs, has had his essay, "I to my selfe am strange: The Competing Voices of Drayton's 'Mistress Shore'" in *Other Voices, Other Views: Expanding the Canon in English Renaissance Studies* published by the University of Delaware Press, copyrighted 1999 by Associated University Presses.

• **Jeannette Mitchell**, associate professor, College of Liberal Arts, won the Outstanding Center Director award from the New York State Council on Economic Education. The council recognized Mitchell for organizing workshops for high school students and teachers that draw on experts from academia, government, industry and labor.

• **Tom Moran**, assistant professor, Center for Multidisciplinary Studies, spoke at the 11th annual Interchange Conference, a gathering of information design professionals sponsored by the University of Massachusetts Lowell and the Society for Technical Communication. His presentation was "Using Electronic Presentation Tools Effectively."

• **Raghuvveer Rao**, professor, electrical engineering, has been named Gleason Professor of Electrical Engineering. During the three-year appointment, effective last Sept. 1, Rao will focus on communications research. A member of RIT's electrical engineering faculty since 1987, Rao is co-author of the book *Wavelet Transforms: Introduction to Theory and Applications*.

• **R. Roger Remington**, professor, College of Imaging Arts and Sciences, spent Thanksgiving break as a guest professor at the School of Design, Hochschule Anhalt in Dessau, Germany. He delivered two lectures at the "Forum Dessau" and worked with a student group on a class project. For three years, RIT and the Hochschule Anhalt have been partners in an international student/faculty exchange program.

## Wireless technology at Wallace

RIT has made the next move into wireless education support: Wallace Library now offers wireless laptop access to its hundreds

*"We wanted to get in early on wireless technology, seeing its potential as a tremendous help to students."*

—Pat Pitkin, director of library services

of electronic databases, library catalog and full-text electronic journals.

Library users can roam the stacks with a laptop at hand, researching as they go.

### Energy study from page 2

grant to Gennett and a colleague to study the next generation of fuel cells, which could lead to inexpensive electrodes that turn water into hydrogen. Gennett also shares a provisional patent with other members of his research team for the purification of single-cell nanotubes, and has a patent pending for procedures for using single-wall nanotubes for high-density hydrogen storage.

Along with Gennett, the nanostructures materials group includes Michael Heben, Anne Dillon, Louis Hornyak and Philip Parila. Heben, who leads the group, is considered to be a pioneer in nanostructure research.

They can bring their own laptop, which must have a "wireless card" (available at Campus Connections bookstore), or borrow one of the library's six new laptops, kept at the Reserve Desk, says Pat Pitkin, director of library services.

"We wanted to get in early on wireless technology, seeing its potential as a tremendous help to students," explains

Pitkin, who initiated the project. The project team, comprised of technical staff from the library and Information Technology Services, chose Lucent Technologies and Apple Computer from a number of wireless technology vendors.

Three of the laptops are Apple iBooks with optional Airport wireless ethernet cards inside and three are Toshiba 2100CDT laptops with WaveLan/IEEE Turbo 11 mb Silver Label wireless PC cards. All the laptops work with a Range Extender Indoor Omni-directional antenna to cover the building's four floors.

To learn how to use RIT's first wireless LAN set-up, come to a one-hour session conducted by Apple and Lucent Technologies at 2 p.m. on Wednesday, Jan. 26, in the library's second floor VIA area. Prizes feature wireless ethernet cards. The library offers its own 20-minute sessions Jan. 18, 2 p.m., Jan. 26, 3 p.m., and Feb. 1, 1:30 p.m. (See <http://design.rit.edu:591/instruction> for training options.)



**ART COUCH EXTRAORDINAIRE**... Brent Applegit, right, '97 School for American Crafts woodworking alum, delivered his long-awaited masterpiece, a curving ten-foot davenport, to Provost Stanley McKenzie's home Oct. 8. McKenzie, left, who purchases student art each year, spotted Applegit's work in a Seniors Honors Show and heard rave reviews of his work from SAC faculty. Following a Southwestern theme, the mahogany couch displays the Rocky Mountains skyline along the top of its back, has caribou upholstery dyed a sage color and an end table representing a mountain lake. The artist spent over 800 hours in two-and-a-half years building the couch at his parent's home in New Jersey while also working full-time for famous furniture craftsman Frank Pollaro. "The general design of the couch fulfilled all of my expectations, but to see the actual execution of the piece is simply astounding," notes McKenzie.

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## Simone appointment from page 1

chairman of the seven member Federal Reserve Board of Governors. The chairmen of the Federal Reserve Bank Boards are selected from the class-C directors. class-C directors are individuals chosen from professions outside the banking community and typically represent business, industry, agriculture, labor and consumers.

The Federal Reserve System is an independent governmental entity created by Congress to serve as the central bank of the United States. Its purpose is to provide price stability and sustainable economic growth for the economy.

The Federal Reserve Bank of New York is the lead bank of the 12 Federal Reserve Banks nationwide, as well as the largest in terms of assets and volume of activity. Its president serves as the vice chairperson of the Open Market Committee. The bank also is responsible for the Federal Reserve System's international monetary policy.

Early in his career, Simone was a macro-economist. After completing his bachelor's degree in economics at Tufts University and his Ph.D. in economics at MIT, and while a professor at Boston College, he served as one of three economists on the Council of Economic Advisors to the Governor of Massachusetts. Each year the council prepared an assessment of the immediate past year and an economics plan for the coming year for the state. At the same time, he also served as a special consultant to the state's antitrust division on major high profile antitrust cases and as a consultant developing statistical models for an investment advisory firm. He then moved to the business school at the University of Cincinnati to establish an Operations Research Department, and later served as dean of the business school prior to moving to the University of Hawaii, first as vice president for academic affairs and then as president.

## In Memoriam

### Mary Ann Connor

RIT's Center for Residence Life invites the campus community to a memorial service celebrating the life of Mary Ann Connor, who passed away Dec. 3.

The service will be held at 3 p.m. on Jan. 31 in the Interfaith Center. A reception immediately follows in the Skalny Room, Interfaith Center. Donations in Mary Ann's memory can be made to Blessed Sacrament Memorial Fund, 259 Rutgers St., Rochester, N.Y. 14607.

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