

## Illustration student champions cause to keep Bills in Buffalo

This year's Buffalo Bills debut in Toronto passed with little fanfare, but this hasn't quieted speculation that the NFL franchise might leave western New York for Toronto once the Ralph Wilson Jr. era of ownership ends.

Rachel DiNunzio, a second-year illustration student, Williamsville native and diehard Bills fan, is doing her best to keep the team in Orchard Park. She helped with a grassroots marketing effort started by her brother and uncle to rally the fan base.

"My brother, Alex, is a senior at the University of Buffalo. He's a brilliant guy and a young entrepreneur," says DiNunzio. "Alex and my uncle, Bob Schwartz, wanted to create a way to inform and unite Buffalonians about how to keep the Bills."

Alex DiNunzio and Schwartz launched BillsInBuffalo4ever and recruited Rachel to design the campaign's logo. Her design is featured on a Web site, T-shirts and bumper stickers.

"They wanted me to design something to do with Buffalo love, an identifiable logo that would stick with people when they saw it."

Something else that might stick with fans when they visit [www.billsinbuffalo4ever.com](http://www.billsinbuffalo4ever.com) is Alex DiNunzio and Schwartz's humorous approach to finding a serious buyer for the team. They wrote letters to

billionaires like Microsoft founder Bill Gates. A portion of the letter reads:

*"Dear Mr. Gates,  
Congratulations on regaining the top spot on Forbes list of America's richest people. Well done! It is our pleasure to inform you that as a multi-billionaire you meet the criteria to receive a free BillsInBuffalo4Ever T-shirt. As per this limited time offer, all you need to do to take delivery of this sporty and stylish shirt is purchase the Buffalo Bills and sign an "iron clad" agreement to never move the franchise out of Western New York."*

In addition to the tongue-and-

cheek letter-writing campaign, Bills fans can sign an online petition on the Web site. The BillsInBuffalo4Ever founders plan to present the petition to NFL officials.

DiNunzio says it's fantastic to be part of the 12th-man mission.

"I can be wearing the T-shirt and people recognize the logo. The response has been overwhelming. People from all over the country have contacted us. To know that my visual element is a key part of this initiative is great. I'm flattered. It's a great way to start off my career." ■

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A. Sue Weisler | photographer

Rachel DiNunzio, a second-year illustration student, models a T-shirt with the logo she designed for a marketing campaign about the Buffalo Bills.



A. Sue Weisler | photographer

Joseph Fornieri, a scholar on the political philosophy of Abraham Lincoln, will conduct research as a Fulbright ambassador.

## Fornieri heads to Prague as RIT's newest Fulbright scholar

Joseph Fornieri, associate professor of political science in the College of Liberal Arts, has received a 2009 Teaching Fulbright Award from the William J. Fulbright Program.

Fornieri will spend this winter at Charles University in Prague teaching courses in constitutional rights and liberties and American political thought. He will also serve as a Fulbright cultural ambassador, conducting research that compares Czech democratic ideas and institutions with those of the United States.

The Fulbright program, named

for Sen. William Fulbright, was established in 1946 and is sponsored by the U.S. Department of State.

"I am incredibly honored to be chosen for this prestigious national award," says Fornieri. "By increasing knowledge exchange and the understanding of different cultures and governments, we can fulfill Sen. Fulbright's goal of enhancing global community and peaceful relations among nations."

Fornieri is a noted scholar on the political philosophy of Abraham Fulbright, page 4

## RIT creates journalism degree

RIT is expanding its offerings in new-media technology and multimedia development to give a venerable profession a 21st century facelift.



Keith Jenkins

A new bachelor's of science degree in journalism is being introduced through the College of Liberal Arts.

The program offers a combination of coursework in reporting, writing and editing, along with graphic and digital design, audio and video editing and writing for the Web, while also giving students access to cooperative-education opportunities across a wide variety of media, Internet and public-relations firms and organizations.

"The new degree in journalism augments RIT's widely acknowledged reputation for being on the cutting edge of technologies, including communications media," says Keith Jenkins, associate professor of communication and one of the developers of the degree. "This program prepares students for the 21st century multimedia craft of reporting and delivering news across media platforms. RIT journalism graduates

will be equipped with the tools, the technology and the reporting skills needed to set them apart."

The degree capitalizes on the explosion of new media and multimedia publications and Web sites, which are transforming the media business and the way information is collected and disseminated.

"While traditional journalism—writing for print magazines and newspapers—may be receding, the field itself is booming with employment for writers and editors expected to grow 9 to 17 percent through 2014, according to the U.S. Department of Labor," notes Bruce Austin, chair of the Department of Communication.

"Our next generation of multiskilled and multimedia journalists must be adept at interviewing, collecting and editing audio, video and still images and writing stories for delivery across various media," Austin adds.

The degree program, which is being offered in cooperation with the College of Imaging Arts and Sciences, has been approved by New York state and began admitting students for studies this fall and recruiting additional faculty. For information about the program or to apply, visit [www.rit.edu/journalism](http://www.rit.edu/journalism). ■

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## Student Spotlight

Ian Tewksbury has been flying high since he first touched down on the RIT campus.

He has been an orientation assistant. He has studied abroad. He has taken part in three co-ops. And he has earned a 3.5 grade-point average.

"I love RIT. I love everything about it—the people, the atmosphere, the professors and the classes," says Tewksbury, a computer science major who is scheduled to graduate in May.

What Tewksbury may love more, however, is what he does high above campus.

Tewksbury has had a passion for flying since he was a child. His father, Cleyton Tewksbury, had his fixed-wing pilot's license and took his son for rides. Several years ago, Tewksbury sat down to compile a list of short-term goals he hoped to accomplish. Two items rose to the top of the list—obtaining a sky-diving license and a helicopter pilot's license.

"Some people dream of wanting to fly," Tewksbury says. "I've dreamt of wanting to fly, then I went and did it."

Tewksbury's flight pattern began in the lobby of the B. Thomas Golisano College of Computing and Information Sciences, where he spotted an IBM representative collecting résumés for co-op positions. He found the

## CS student soars in and out of the classroom



Submitted photograph

Ian Tewksbury is on his way to accomplishing goals he has set for himself including earning sky-diving and pilot's licenses.

nearest lab and printed out a résumé. He interviewed the next day and was offered a position on the spot.

In summer 2007, Tewksbury traveled to Raleigh, N.C., to co-op for IBM as a software developer. In his spare time, he accomplished goal

number one: earning his sky-diving license.

After two quarters of co-op, Tewksbury returned to the Henrietta campus before heading to Croatia to study at the American College of Student Spotlight, page 4

### In the community

Model railroad club train display at Eastman House, page 2

### On exhibit

Bevier Gallery features work of famous illustrators, page 2

### Research and Scholarship

RIT Authors Spotlight on computer security guide book, page 2



### Viewpoints

Imagine RIT from a student's perspective, page 3



# George Eastman House display features RIT model-train diorama

The magical world of trains goes way beyond Harry Potter boarding the Hogwarts Express at London's King Cross Station.

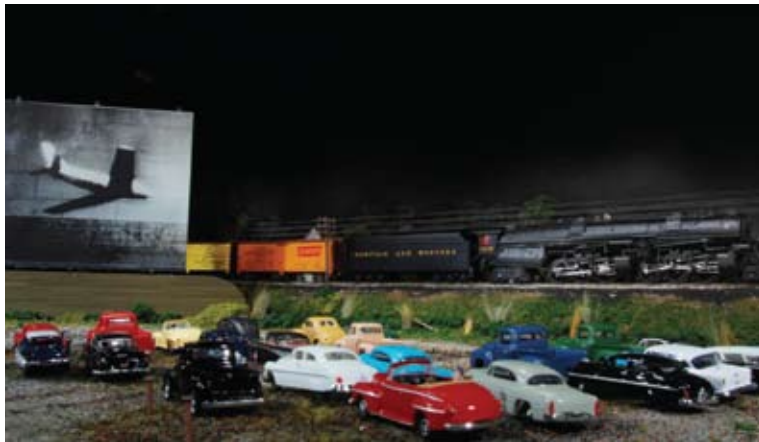
Trains have found a new destination at the George Eastman House in an exhibition that runs through Jan. 25 and features a diorama created by RIT's Model Railroad Club.

"Never in my wildest dreams could I imagine we would end up recreating a scene of O. Winston Link's famous nighttime photograph of *Hotshot Freight Eastbound at the Laeger Drive-In* for the exhibit," says David Scheiderich, club advisor.

Studying train history, collecting memorabilia and building railroad station models can be habit-forming, says Scheiderich, who works at RIT's Educational Technology Center. He oversees 20 students in the 12-year-old college-sponsored club—home to the Rochester and Irondequoit Terminal, or R&IT, which occupies a permanent space in the basement of RIT's Student Alumni Union.

"The R&IT is a fictitious railroad that could have existed in Rochester. Although the model is a faithful representation of Rochester's Amtrak station with recognizable sights like High Falls and Genesee Beer and Ale, other scenes are just 'Rochesteresque'—they don't really exist," Scheiderich explains.

Link's panoramic landscape didn't really exist either. Like a classic stage set, he used 43 flashbulbs to replicate a West Virginia trackside drive-in—showing an airplane on the



Submitted photograph

The RIT Model Railroad Club recreated the scene of O. Winston Link's nighttime photograph of a "plane, train and automobiles" montage, *Hot Shot Eastbound at the Laeger Drive-In*, with a model-train diorama housed in a six-foot long packing crate.

screen with a high speed train in the background and a couple nestling in Link's 1952 Buick convertible.

At RIT, Scheiderich designed a six-foot-long packing crate to house the three-dimensional color diorama, and together with railroad club members and a copy of Link's notations regarding the technicalities of illuminating an outdoor space at night, completed the project in five weeks.

Helping out was Otto Vondrak, '99 (graphic design) who now works as an art director in Connecticut.

"Otto founded the RIT Model Railroad Club in 1996 with Tom Rohatsch, '00 (manufacturing technology). They were a dichotomy of two driving forces just like what we saw at the Imagine festival," Scheiderich explains.

"The RIT Railroad Club is the per-

fect example of what Dr. Destler says about right brain, left-brain creativity, because model railroading involves both engineering and design skills."

And the rail-trail connection doesn't stop there. Vondrak met Link when he was in high school and the legendary photographer actually took the boy under his wing to show him the magic of railroading.

"He had a collection of railroad equipment that he was storing in New Jersey that he took me to see and he tried to teach me some things about photography, but I was so young I didn't really grasp the importance," Vondrak recalls.

"The Trains exhibition is so important to see," adds Vondrak. "It keeps us on track with our history." ■

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# NTID student works as government recruiter

The oldest and largest employer in the United States has added one more member to its ranks, and she works right on the RIT campus.

Amanda Massab, who received her bachelor's in business management at RIT in 2007, has begun a job with the Department of Defense while working on her master's in human resource development. She has an office in NTID's Center on Employment.

A Brooklyn native, Massab helps the agency recruit students for employment through its Student Training and Academic Recruitment program, created last year. RIT/NTID is one of four colleges in the program. Massab, who received extensive training at the Pentagon for her job, receives e-mail messages and constantly monitors agency Web sites to see what jobs are available and tries to match students interested in those fields with the available positions.

"I meet with the students who are interested in finding out more about what's offered and I can see what their strengths and weaknesses are," she says. "I tell them what they have to offer, whether it's a full-time or part-time position or summer internship."

Any RIT student is able to meet with Massab, who was born deaf and received a cochlear implant last year. But right now, she's reaching out to deaf and hard-of-hearing students. The agency wants to increase the percentage of employees with hearing loss, she says. Her commu-

nication skills in sign language and speech allow her to easily talk with prospective hires who have hearing loss, as well as those who hear fine.

Working for the federal government won't necessarily require a move to Washington, D.C. The career options are many. One week, Massab looked for motivated students who could work as a graphic designer, engineer or someone with a business background.

"You can go anywhere. We have military bases in every state and nearly 150 countries," she says. "It's a great place to develop your career."

Massab also acts as a liaison between RIT and the agency during job fairs or if a speaker is requested to talk with students in the classroom.

She says her role helps RIT and its students, too. "We're supporting each other," she says. "We have a large talent pool here and I'm helping students looking for jobs. We work here as a team."

Although this job will end when she graduates this spring, Massab says she hopes to continue working for the agency. She's already got her foot in the door.

She's not sure where her future will take her, but she knows she wants to continue helping people in the workplace.

"I enjoy working with people, coming up with different ideas and how to improve their employment productivity," she says. ■

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# 'Who's who' of American illustrators at Bevier Gallery

Bernie Fuchs, born in a small coal-mining town during the Great Depression, had no art training as a boy and graduated from high school without ever painting a picture or knowing what an illustrator did. Soon after, he suffered a hand injury, losing three fingers in an industrial accident that threatened his ability even to hold a pencil. Ten years later, Fuchs became one of the top illustrators in America.

"Bernie Fuchs has had an amazing career that started in the mid '50s and he's still going strong today," says Robert Dorsey, associate professor in RIT's School of Art. "He's probably one of the most influential illustrators of all time."

Fifty masterworks from the permanent collection of the Society of Illustrators in New York City will be on display in "An Historical Look at Visual Communication" at RIT's Bevier Gallery. An opening reception is scheduled 5 to 7 p.m. Dec. 12, and the show runs through Jan. 21.

Frederick Remington, Edward Penfield, Franklin Booth, Dean Cornwell and Howard Brodie are represented in the show. The exhibit also includes a piece by Howard Pyle, considered to be the father of American illustration.

Other notables include James Bennett, Gary Kelley, Robert Parada and Joe Ciardiello, who round out the roster of busy illustrators working today for publications such as *Time*, *Reader's Digest* and the *Atlantic Monthly*.

"I think our students will benefit greatly from having this exhibit on campus as nothing beats seeing the original work," Dorsey says. "It also reveals the importance of drawing, something we all stress in the School of Art."

For information, call 475-2646. ■

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Holland Bridge by illustrator Edward Penfield

## A look inside the public relations industry



Attendees of PR Now!, a symposium held Dec. 8, heard from public relations industry experts on topics such as branding, crisis management, social networking, corporate citizenship and social responsibility. Presenters included Paul Stella '03 (MBA), director of University News (at podium), who discussed empowering students in their pursuit of public relations careers.

A.Sue Weisler | photographer



Mark Benjamin | photographer

Amanda Massab, left, explains job opportunities with the U.S. Department of Defense to student Erica Hernandez at the NTID job fair.

## A handbook for computer security RIT AUTHORS SPOTLIGHT

Hackers beware. An RIT professor knows how to thwart sophisticated and determined intruders from stealing personal and corporate information. His secret? Anchor your online activities to the physical world.

Scientist and entrepreneur Roger Dube takes a close look at user authentication and computer security in his recently published book *Hardware-Based Computer Security Techniques to Defeat Hackers: From Biometrics to Quantum Cryptography*.

Intended for information-technology professionals and others responsible for implementing computer security, *Hardware-Based Computer Security Techniques to Defeat Hackers* is a complete review of hardware technologies that can protect computer systems.

"There are steps you can take to protect your computer so you can be certain an application you bring up is authentic and hasn't been replaced



with something that, for instance, contains a Trojan horse—a virus that masquerades as a normal program," says Dube, research professor in RIT's Chester F. Carlson Center for Imaging Science and president and chief scientist of Digital Authentication Technologies Inc.

"The protection that is available today is largely based on algorithms and secrets," Dube adds. "And the problem with secrets is that they have to be shared before they can be used. Poorly constructed secrets can be guessed, making systems vulnerable to attack. And poorly protected secrets can be stolen outright."

Software approaches to computer security provide limited protection, Dube says. Encrypted keystrokes hiding a password/secret are transmitted over the Internet and vulnerable to interception.

According to Dube, only hardware-based security applications can provide the strongest security

Author Spotlight, page 4



Roger Dube



RIT is made up of students and faculty with lots of creativity and knowledge to share. It's surprising that something like Imagine RIT: Innovation and Creativity Festival didn't happen sooner. Imagine RIT was one of the best experiences I had last year. I learned a lot in the weeks leading up to the festival and on the festival day itself. I was lucky to be able to contribute to two presentations with different organizations.

Engineers for a Sustainable World had an exhibit in the WOW! Center that featured information about composting and highlighted the work that we did with the Ritz, helping it set up a compost bin and facilitate the change to biodegradable plates and cups.

It was very satisfying to see how many homeowners that visited our exhibit were interested in setting up a compost pile in their own homes. It is hard to explain how great it felt being able to share what I had learned and help visitors make a contribution to better the world in the process. It's

a feeling that cannot be matched by other activities. Families left the table very excited about what they learned. I saw the same excitement from every other exhibit in the WOW! Center.

The Green Vehicle Team presented its mold for the design of a fuel-efficient car. A large crowd gathered for our presentation. It was great to see so many people interested in the subject of fuel-efficiency and its impact on the world.

My work on both exhibits made me feel that, if nothing more, I sparked people to start thinking about the impact they are having on the environment and how they can potentially influence the next big change to come. I am in awe of all the amazing things that my peers in the RIT community are capable of accomplishing. It was a great example of what we can do when we dedicate our mind to something.

Imagine RIT consisted of diverse people using either side of the brain. Coming up with something to present was easy, all you had to do

was find something you were passionate about. Once you do that, anything could be turned into a great piece of work. It is a fantastic feeling to be able to show it off and maybe get other people excited about it as well. Submitting a proposal for the festival was easy. You simply had to explain what your exhibit was all about. The opportunity to display something I enjoy was well worth all of the time that I put into making our exhibit a success.

Participating in Imagine RIT is a unique experience. I encourage everyone on campus to take advantage of this opportunity to share your passion with the thousands of visitors who attend the festival.

**Editor's note:** You can submit a proposal for the 2009 Imagine RIT: Innovation and Creativity Festival by visiting [www.rit.edu/imagine/](http://www.rit.edu/imagine/) proposal. Exhibits must be submitted by Jan. 23 to be considered for a spot in the Gordon Field House and Activities Center.



Sanchez is a third-year mechanical engineering student.

This column presents opinions and ideas on issues relevant to higher education. To suggest an idea for the column, e-mail [newsevents@rit.edu](mailto:newsevents@rit.edu).

## RIT delegation represents Rochester in Japanese sister city

A delegation from RIT, led by President Bill Destler, traveled recently to Hamamatsu, Japan, to meet with dignitaries in a Sister City cultural exchange. On behalf of Rochester Mayor Robert Duffy, a 1993 RIT alumnus, Destler presented Hamamatsu Mayor Yasutomo Suzuki with greetings and gifts from Rochester Dec. 9. Hamamatsu is one of 11 Sister Cities for Rochester.

In 2006, Hamamatsu and Rochester reaffirmed and expanded the original Sister Cities Agreement of 1996 to strengthen their ties and further broaden exchange. Hamamatsu, with a population of 820,000, is known as an industrial city, especially for the manufacture of musical instruments and motorcycles. Its major corporations include Honda Motor Corp., Suzuki Motor Corp., Yamaha Corp., Kawai Musical Instruments Co. and Roland Corp.

"It is an honor for RIT to represent Rochester in this cultural exchange program," says Destler. "The world is Sister City, page 4

## NTID alum seen on TV spot airing nationally

A television commercial airing this holiday season features Amber Zion, a graduate of RIT/NTID.

The commercial is being broadcast nationally by Kay Jewelers. Zion portrays a deaf woman meeting with her hearing boyfriend near a Christmas tree. The boyfriend apologizes for his signing ability and gives her a present. When he asks if she likes it, she signs, "Read my lips."

Zion, whose maiden name is Amber Stanton, grew up in Penn Hills, Pa., and graduated from NTID in 2003 with a degree in performing arts. In 2004, she received a Bachelor's of Fine Arts in Graphic Design from RIT. She now resides in the Los Angeles area.

She said she taped the commercial in July in New York City with Ben Rappaport, a hearing actor who portrayed her boyfriend.

"I've gotten a lot of wonderful feedback and response," she says about the commercial. "Funny, I only saw my commercial three times on TV while all of my friends and family saw it many times."

RIT/NTID student Sheila Silva enjoyed the commercial, especially when she found out the connection to her college. "I've been seeing more and more commercials popping up recently showing sign language," she said. "I hope that continues even more."



Submitted photograph

Amber (Stanton) Zion '03, '04

This isn't the first time Zion has had national exposure. She was featured in an episode of *CSI: NY* in 2006. She moved to Los Angeles to pursue her acting career and is working as a graphic designer.

In 1986, a McDonald's commercial in sign language featured Beth Ann Bull and Andrew Rubin, also former students at RIT/NTID. In January 2008, Pepsi televised a commercial in sign language prior to the Super Bowl. That ad featured RIT/NTID graduate Darren Theriault.

The Kay Jewelers commercial may be seen on Zion's Web site at [www.amberzion.com](http://www.amberzion.com).

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## Community educator to present at Martin Luther King Jr. celebration

Long time community activist and educator Iris Banister will be the keynote speaker at the 27th Annual Dr. Martin Luther King Celebration at RIT. The program



Iris Banister

takes place at 4 p.m. Jan. 27 in Ingle Auditorium, Student Alumni Union.

Banister, executive director of Rochester Surround Care, will present "The Dream: Are We Almost There?" touching upon King's legacy of justice, civil rights, activism and non-violence. She will relate her experiences as the new leader of the Rochester Surround Care organization, formerly called the Rochester Children's Zone, and its mission to end poverty, improve education and

enhance community services such as health and wellness for the city of Rochester.

Rochester Surround Care Community Corp. is a not-for-profit organization created to advocate for all children, their families and the community that surrounds them, specifically targeting the Northeast quadrant of Rochester, one of the most economically-challenged areas in the city.

The annual Dr. Martin Luther King Day program is sponsored by The President's Commission on Pluralism and Inclusion and the RIT Chief Diversity Officer. It is part of the yearlong series of programs under the theme, Reading Between the Signs: Connecting our Communities.

"Having Iris Bannister as our Martin Luther King Day speaker is

Diversity, page 4

## RIT boasts connections with Top 100 group

This year's list of the Rochester Top 100 companies again features several local companies with connections to RIT. Nearly one-third of the companies on the list have leaders who are RIT alumni or trustees or employ RIT co-op students.

In a poll conducted by Rochester's *Democrat and Chronicle*, leaders from Top 100 companies listed connections with local colleges as one of the many reasons to conduct business here.

"The proximity to RIT, University of Rochester, Xerox Corp. and Eastman Kodak Co. is priceless," says John Lacagnina, RIT alumnus and CEO of ColorCentric Corp., ranked number 41 on the list. "These partnerships help us stay ahead of the technology curve."

The Rochester Top 100, now in its 21st year, ranks privately held companies based on revenue growth of the last three years. Companies must have at least \$1 million in revenue for each of the past three years, and rankings take into account

both dollar and percentage growth. The listing is sponsored by Rochester Business Alliance.

"The presence of RIT in the Top 100 underscores the important role the university plays in driving our regional economy," says Debbie Stendardi, RIT vice president for government and community relations. "Our co-op partners in particular are helping to attract and retain the best and brightest talent for Rochester."

- RIT's connections include:
- Allen Casey '73 (electrical), president of M/E Engineering P.C., ranked number 17.
  - Richard Schickler '98 (business administration), president and CEO of R.J. Schickler Inc., ranked number 23.
  - Jerry Valentine '87 (electrical engineering), president of Surmotech Inc., ranked number 28.
  - Tom Thomson '80 (computer information systems), president of consillium1 LLC, ranked number 35.
  - John Lacagnina '69 (electrical),

chief executive officer of ColorCentric Corp., ranked number 41.

- Richard Aab, member of the RIT Board of Trustees, chairman and CEO of E-CHX Inc., ranked number 46.
- Phillip Ferranti Jr. '78 '80 (business administration), CEO of The Technology Co., ranked number 56.
- Michael Rizzolo '78 (social work) '86 (human services management), chief executive officer of Interpretek, ranked number 60.
- John Perrotti '80 '82 (accounting), president and CEO of Gleason Corp., ranked number 63.
- Thomas Judson Jr., member of the RIT Board of Trustees, chairman and CEO of The Pike Co., ranked number 65.
- Daniel Bowllan '87 (mechanical engineering), president of IBC Engineering, ranked number 87.
- Jack Arend '59 (management), chief executive officer of Redman Construction Inc., ranked number 99. ■

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## Smith bids farewell to distinguished career at RIT

Fred Smith, RIT's secretary of the institute, will retire Dec. 31. Smith, a 37-year employee of RIT, was honored at a reception Dec. 2.

Smith joined RIT in 1971 as vice president for student affairs and dean of complementary education. In this role, he was charged with ensuring the well being of RIT's student population at a time of great transition—RIT's move to Henrietta from the Rochester city campus.

"Fred's work provided the footprint for what we now know as student life on our campus," says Bill Destler, RIT president.

His contributions in RIT's history include establishing the offices of minority student affairs, international student affairs and apartment life, and the Parents Program; expanding services for learning disabled students and health education programs; enhancing accessibility for deaf students in collaboration with NTID Human Development; supporting the establishment of the Freshman Seminar; and spearheading the construction for the Killian and Caroline Schmitt Interfaith Center and the Hale-Andrews Student Life Center.

In 1989, Smith assumed the role of secretary of the institute and helped shape the RIT Board of Trustees.



A. Sue Weisler | photographer

Fred Smith will retire from RIT at the end of December. His retirement party Dec. 2 featured a slide presentation.

In 1993, he expanded his role in the president's office to focus on trustees and constituent relations. He contributed to RIT's goals to provide institute-wide leadership in support of alumni relations, parent relations, the Nathaniel Rochester Society, the Institute of Fellows and Women's Council, in addition to the Board of Trustees.

In 2001, Fred established the President's Roundtable, a group of RIT's most successful alumni and friends who meet twice a year to provide advice to RIT's president on various strategic issues and plans.

In 2003, Smith was selected as RIT's first winner of the Four Presi-

dent's Award for Distinguished Public Service in recognition of the donation of his time and talents to the service of others in the Rochester community. Smith has served as chairman of the board of Rochester's Margaret Woodbury Strong Museum during the museum's first expansion in the late 1990s. He has also contributed his time and talents to community organizations including Family Service of Rochester, the Rochester Museum and Science Center, The Urbanarium, Project HOPE and the Fortnightly Club of Rochester. He also has served as a trustee and elder of Third Presbyterian Church.

"My decision to come to RIT was inspired by President Paul Miller's leadership and vision for RIT and commitment to student life," says Smith. "It has been a privilege to work at a unique institution during an extraordinary period in its history. I value the friendships I have made with students, and it's nice to see them achieve success in their careers and become loyal alumni. In my work with the Board of Trustees, I have developed great admiration for the dedication and support that these distinguished individuals provide to RIT." ■

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A. Sue Weisler | photographer

Still have some last minute holiday shopping to do? Head to the Student Alumni Union on Dec. 17 and 18 to select from one-of-a-kind handmade gifts made by student artists from the School for American Crafts. Graduate and undergraduate students will sell their wares from 9 a.m. to 6 p.m. in the SAU lobby. Their work includes ceramic wares, blown glass ornaments, wood creations and silver jewelry. The annual holiday tradition draws hundreds of shoppers, including Jody Lehr, above, from RIT's Division of Enrollment Management and Career Services.

## Sister City from page 3

getting smaller and we have a tremendous partner in the city of Hamamatsu. It is a city with extraordinary people, culture and economic vitality. For all of Rochester, we would like to strengthen these ties."

"The extensive international connections of the Rochester region are a critical element in the vitality of our culture, educational institutions and economy," says Duffy.

"Hamamatsu and Rochester have been strong partners in cultural exchange," adds Duffy. "Our expanding

Sister Cities ties offer both communities great promise for equal success in the areas of education, technology and economic development. RIT's outreach creates an outstanding opportunity to strengthen that promise."

The trip to Hamamatsu is part of a larger strategic trip to Japan for the RIT delegation. Destler also met with the Nippon Foundation of Japan Network International and the week wrapped up with an RIT Tokyo alumni event. ■

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## Sports Hall of Fame inducts new members



Ken Huth | photographer

Eight members were inducted into the RIT Athletics Hall of Fame on Nov. 8. The Class of 2008, from left to right, are Tony Wallace (wrestling), Tim Hern (baseball), Sean Bratches (lacrosse/distinguished service), Marie (McKee) Benson (tennis), Doug Murdock (basketball), Krissy Mamon (softball), Tom Masaschi (hockey/lacrosse) and Dave Mick (football).

## Shared Governance

In the spirit of RIT's vision of shared governance, Staff Council, Academic Senate and Student Government have united to create a continuous channel of communication for all of their constituents. Look for updates from a selected governance group at the beginning of each month in upcoming issues of *News & Events*.

### A snapshot of the governance groups:

**Staff Council** represents staff in the shared governance process at RIT and serves as a communication conduit for staff on matters affecting them. Staff Council also reviews policy proposals and revisions and serves as an advisory body to the president or their representative on issues and decisions that impact the RIT community. For more information, visit [staffcouncil.rit.edu](http://staffcouncil.rit.edu).

**Academic Senate** formulates

legislation in areas of academic policy affecting more than one college of the university and submits decisions to the provost for further action. It also acts upon resolutions, recommendations or proposals submitted by the faculty of any college, department, educational development faculty as a group, or standing committee of the Senate and pertaining to the academic governance or the general welfare of the university. For information, visit [www.rit.edu/academicaffairs/academicsenate/index.php](http://www.rit.edu/academicaffairs/academicsenate/index.php).

**Student Government** delivers the voice of the student body to the faculty and staff, and addresses issues that are important to the student population. Student Government also hosts campus events and programs to encourage student involvement. For more information, visit [sg.rit.edu](http://sg.rit.edu).

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## Fulbright from page 1

Lincoln. He is a member of the Lincoln Bicentennial Commission and his fifth book, *Lincoln's America: 1809-1865*, has just been published by Southern Illinois University Press.

"I am proud to bring to the Czech Republic one of our greatest American exports—the political thought of Abraham Lincoln," Fornieri adds. "It is also my hope that my experience in Prague will broaden my own understanding of the Czech Republic and will enhance my teaching and scholarship in the area of democratic ideas and institutions."

The Fulbright Program is the largest U.S. international exchange program offering advanced research and teaching opportunities for students and scholars in more than 150 countries worldwide. ■

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## Author Spotlight from page 2

systems possible—pattern-free and unpredictable. These methods connect a system or a person to the physical world, ensuring confidentiality and authenticity of communication in ways software applications cannot.

In his book, Dube details security systems that generate "passwords" from the physical world such as advanced biometrics (fingerprint scanning and iris and retinal scans) and tokens, like smart cards embedded with a secure electronic chip. He also discusses location technologies that determine if remote servers are legitimate or carefully constructed fakes commonly used in phishing attacks, as well as geolocation technologies, such as global positioning system technology. The book also discusses the potential vulnerabilities of each of these technologies.

Dube's own computer-security research focuses on location technologies and satellite timing signals. Contractors for the U.S. Department of Defense tested the security system Dube developed for Digital Authentication Technologies and found it robust.

"The technology gives us location awareness, but doesn't tell us where on the surface of the Earth we are," Dube says. "It's double safe in that way."

A partnership between RIT and Digital Authentication Technologies is supporting research to enhance this security technology. ■

Susan Gawlowicz | [smguns@rit.edu](mailto:smguns@rit.edu)

## Student Spotlight from page 1

Management and Technology.

"I loved Croatia.

It was one of the best quarters I had at RIT and I wasn't even on campus," Tewksbury says.

"It's so beautiful there. I went to the market every day and bought fresh food. I'd sit outside and sip coffee on the sea. And, of course, I attended classes and did my homework."

From Dubrovnik, it was back to Raleigh and another stint at IBM. But, just as importantly to Tewksbury, it was time to pursue goal number two.

On top of his full-time work schedule, Tewksbury spent 15 hours a week at the North Carolina Rotor and Wing aviation school, plus count-



Ian Tewksbury

less hours at home studying various regulations. Twelve weeks later, Tewksbury had his helicopter pilot's license.

"Of all the things to learn to fly, a helicopter is the hardest," Tewksbury says. "It wasn't easy, but it was fun."

With graduation looming on Tewksbury's horizon, he has accepted a job offer from IBM. He hopes to return to North Carolina where he can take flight as often as possible.

"I can't explain what it's like to fly, but if anyone has ever had the dream, urge or even an inkling to fly, then I would encourage them with all the enthusiasm that I can muster to just go do it," Tewksbury says.

"You can never truly understand freedom until even gravity appears to have no control over you." ■

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## Diversity from page 3

a great way to remember his teachings of non-violence and our own role in improving our community," says Michelle Cometa, commission chairperson.

Banister spent 32 years in the Rochester City School District as a reading teacher, guidance counselor and program director for middle school, at-risk youth. She is the former principal of the Rochester Charter School of Science and Technology. After retiring from the district, she

became executive director of Wilson Commencement Park and served as an adjunct faculty member of religion and African-American studies at St. John Fisher College. She has received citations for her work including the City of Rochester Pioneer Award, the Martin Luther King Achievement Award for Civic Engagement and New York State Humanitarian Award. She is also in the *National Women's Rights Hall of Fame—Book of Legends*. ■

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## Forum addresses current economic reality



A. Sue Weisler | photographer

Bill Hampel, chief economist of the Credit Union National Association in Washington, D.C., discussed future trends in consumer financial services with academics, practitioners and analysts at Filene Research Institute's Consumer Financial Services Colloquium Nov. 20 at RIT's E. Philip Saunders College of Business. The all-day event was hosted by Robert Manning, research professor and director of Saunders Center for Consumer Financial Services.