

R·I·T

The University Magazine

Winter 2011-12

You Made What?

From the Super Bowl trophy to electric car technology, you won't believe what RIT grads are creating



One graduate's algae research could have humanitarian impact

99 things to do at RIT before you graduate



RIT: The University Magazine

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Diversity leads to enrichment, prosperity



RIT and Rochester School District leaders welcome the 2011 Rochester City Scholars. The scholarship, in its second year, enables 51 students to attend RIT tuition-free. (Photo by Jonathan Ntheketha)

Diversity comes in a variety of shapes and sizes, colors and forms. We take a holistic approach to diversity at RIT, and it is interwoven into the fabric of the university.

As you read "The Year in Review" on pages 36-39, understand that diversity plays a key component in RIT's future success. For example, we set goals and track measurements in the following areas: the number of female and minority freshmen; the number of female and minority faculty members and new hires; international students enrolled on the main campus; RIT students studying abroad; co-op students getting experience at multi-national corporations; the amount of intellectual property produced by researchers, including at the National Technical Institute for the Deaf. And the list continues.

Intellectual diversity is a strong RIT trait. Where else can you find students studying photography, packaging science and engineering on the same campus? Or business majors working with furniture design students? Or deaf students and hearing students working on team projects? This kind of intellectual and cultural diversity is available only at RIT, and it provides an extraordinary outside-the-classroom educational opportunity to all our students.

Yet we must improve and forge ahead. For example, although our female undergraduate enrollment in engineering and other science, technology, engineering and math (STEM) fields has been increasing, overall female enrollment has stagnated at about 34 percent

of our undergraduate students due to declining female enrollments in other colleges and programs. We need to focus our attention to achieve our stated goal of having women represent 40 percent of all undergraduates.

Simply put: A diverse RIT equals an enriched and prosperous RIT.

Finally, we in academia have an opportunity to serve as examples of how to engage in civil discourse in an increasingly polarized nation. Many of us are dismayed at the extent to which intelligent discussions on complex issues can seemingly no longer be held without the kind of hysterical acrimony that only serves to harden positions and make compromise impossible.

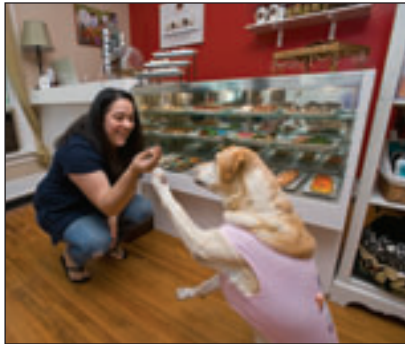
Let us all remember that colleges and universities, of all organizations, must remain forums for open and respected discussion of controversial issues. We are all part of a learning community, and much of our learning comes from each other. Respect for the opinions of others, even when we strongly disagree with them, must be a cornerstone of our campus community. If we practice this principle, surely our students will also get the message, to the benefit of our community and our country.

Cordially Yours,

Bill Destler
President
www.rit.edu/president



14 One graduate's algae research could have big humanitarian applications.



48 Gabriella Martinez '08 has turned her love of dogs into a business.

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Cover

Stephanie Perrotti '06 (metalcrafts and jewelry) makes championship trophies, including the Vince Lombardi Super Bowl Trophy. (Photo by Shannon Taggart '98)



34 Brick City Homecoming & Family Weekend draws record crowds. Above, student Jennifer E. Smith paints a tiger on the head of student James Gimbi before the men's hockey game.

Other Features

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The beginning of murals in the tunnels

The article on the tunnel painting underneath the residence halls was most interesting, but the genesis of those murals goes back to May 1970, following the Kent State shootings.

My wife at that time was Assistant Director of Residence Halls and we lived in a first-floor apartment on the north end of Kate Gleason Hall. Students regularly congregated in our living room and were naturally highly agitated following the events at Kent State.

When some fine arts students were expressing a need to find an outlet for their art in response to the situation, I borrowed an idea I had seen at the University of Rochester where a dismal tunnel under the main quad had all sorts of interesting artwork in it. I suggested they do the same in the tunnels beneath Kate Gleason and Nathaniel Rochester halls.

The next morning, several amazing “unauthorized” murals appeared. Some residence life officials felt this was vandalism and that my wife and I were probably behind it, but since I had just recently been elected chairperson of the Faculty Senate, they went directly to President Paul Miller with their objections.

Dr. Miller came over personally to view the artwork, declared it wonderful and that it would remain untouched.

Over the years the murals expanded to other areas and became increasingly wild; finally, around 1980 it was determined that some regulation and approval process needed to be established. The existing murals were all painted over with white paint, and this is the point where your story begins.

Stan McKenzie

Provost Emeritus, Professor Emeritus

Your article on murals in the tunnels states “The genesis of painting murals in the tunnels began in 1980.”

To help with school costs, I worked in “The Cellar” for the first two years it operated under the dorms. There were numerous murals decorating the walls, some appearing magically overnight, while others were created over several days.

Observing the creativity of my fellow stu-



Murals like this one cover the walls of the tunnels today. (Photo by Prisca Edwards)

dents always left me with a sense of awe and is one of the things I remember most about my time at RIT.

Jim Allen '72 (GAP)

I liked your article, “Tunnels tell stories of the times,” but there’s a slight correction that you’ll have no way of showing.

When I was studying photo science back between 1969 and 1973, many of the art students would go to the tunnels under the dorms and paint huge murals on the walls. At the time, students were doing vast amounts of illicit drugs and you can only imagine the wondrous, colorful, bizarre art that flourished there.

Unfortunately, it was all whitewashed years later to provide the “gesso” of the art that is presented in the fall issue.

The stories *under* those demure paint-

ings would shock you. We were shutting the campus down in a nationwide effort to stop the Vietnam War, which I wish you were doing now in regard to Obama’s continued war. Many of our friends were dying, and flunking out of school meant near certain front-line death for men like me with low numbers in the draft lottery.

Read Stephen King’s book, *Hearts in Atlantis*, if you’d like to learn more about those times; very scary and exhilarating at the same time.

Gary Lowe '73 (photo science)

We welcome letters on subjects covered in the magazine and of broad interest to our readers. We edit for space, clarity and style. Write to *The University Magazine*, University News Services, Rochester Institute of Technology, 132 Lomb Memorial Drive—Brown Hall, Rochester, NY 14623. E-mail can be sent to umagwww@rit.edu.

Expert Advice

with Christopher Steubing '81

Having a holiday party?

For the perfect holiday home gathering, my best recommendation is to hire an experienced caterer. (I need the work. My twins are in their

senior years at RIT and Nazareth College.) If you really want to do it yourself, these recipes and pointers will make your job easier.



Smoked salmon and caper spread

12 ounces thinly sliced cold-smoked salmon
1 ½ cups crème fraîche
8 ounces cream cheese, softened
2 teaspoons finely grated lemon zest
2 tablespoons fresh lemon juice
16 drops Tabasco sauce
1 teaspoon freshly ground black pepper
6 tablespoons capers, rinsed, drained, patted dry and chopped
6 tablespoons thinly sliced fresh chives
1 seedless cucumber cut in ½-inch thick slices

In a food processor, combine the salmon, crème fraîche, cream cheese, lemon zest and juice, Tabasco, and black pepper; process until just blended. Transfer to a large bowl and fold in the capers and chives. Taste and add more lemon juice or black pepper as desired. Serve immediately, or cover and refrigerate in an airtight container for up to one day; remove 15 minutes before serving to soften. Top cucumbers with a dollop of the spread. Serves 16.



Caramelized onions and bleu cheese in phyllo cup

3 tablespoons butter
1 large Vidalia onion
2 tablespoons sugar
2-dozen mini phyllo cups
¼ cup crumbled bleu cheese

Preheat oven to 300° F. Melt butter in sauté pan on medium heat. Peel and slice onion into thin strips. Add to sauté pan. Add sugar, cooking and stirring until onion is golden brown and sugar has caramelized. Let cool. Put 1 tablespoon of filling into phyllo cup. Crumble bleu cheese over the top. Cook until cheese has melted, about 10 minutes. Can be served warm or at room temperature. Makes 24 appetizers.

TO DO . . .

Rent a coat rack to put near the front door if your entry closets aren't large enough. It is easier than running up-stairs to throw them on a bed. Plus, you won't have to clean that bedroom.

Set up a bar area in a room near the front door or in the foyer if it is large enough. Human nature—people want to get a drink in their hands as soon as possible after arrival.

Set up the food in an area that is not near the bar or your guests will be clumped in that area for the entire event.

Appetizers are the best menu item for an in-home gathering.

Put a beginning and ending time on your invitation.

Clear furniture out of a room to open up space so that your guests aren't dancing around the sofa.

Get a small occupied/vacant sign to hang on the doorknob of the bathroom.



Christopher Steubing '81 (food service administration) has worked as a manager for Brook-Lea Country Club, Memories Restaurant and Wegmans Food Markets in the Rochester area. He owns a catering business called Gatherings and runs two banquet facilities, the Daisy Flour Mill and Senator's Mansion. He also does off-site catering for dozens of organizations.

(Photos by A. Sue Weisler)

NOTEBOOK

New VP named

Dr. Daniel B. Ornt has been named the first vice president and dean of the Institute of Health Sciences and Technology at RIT.

He has a combined 30 years of experience in medical education programs at Case Western Reserve University School of Medicine in Cleveland and at the University of Rochester School of Medicine and Dentistry. Ornt will head the institute's three components: RIT's ninth college, the College of Health Sciences and Technology; the Health Sciences Research Center; and the Health Sciences Outreach Center.

Dean to retire

Ashok Rao, dean of the E. Philip Saunders College of Business, has announced his retirement effective at the end of the academic year.

Rao joined RIT in 2007, shortly after local entrepreneur and philanthropist E. Philip Saunders donated \$13 million to name the college.

Diversity VP named

Kevin McDonald has been named vice president for diversity and inclusion.

McDonald had been RIT's chief diversity officer prior to this appointment.

Institute to share ideas globally

The Earth's population is projected to reach 7 billion this year and could exceed 10 billion by 2050. How will the world handle this

population growth and rising consumption worldwide?

RIT and B. Thomas Golisano, RIT trustee and the founder and chairman of Paychex Inc., would like to assist in solving this complex global challenge. Golisano and RIT President Bill Destler announced they will commit to sharing the model of sustainability education developed at the Golisano Institute for Sustainability with five partner universities in developing countries around the world.

The announcement was made in September at the closing session of the 2011 Clinton Global Initiative annual meeting in New York City.

"The Golisano Institute for Sustainability is producing the first generation of professionals with the vision and know-how to deliver on the promise of sustainability," Golisano says. "It is imperative that we take a global approach and accelerate strategies to promote a sustainable society."

The RIT education model will be used to assist the



"Since 2007, RIT has created a fascinating multidisciplinary curriculum to help leaders apply best practices during the early stages of development, when they can have the greatest impact."

Former President Bill Clinton

following developing countries: Dominican Republic, Egypt, Indonesia, Malaysia and Peru. RIT will develop close working relationships

with partner universities over a five-year period. RIT will create educational materials and guidebooks, curriculum advisory groups, faculty exchange programs, graduate student participation and a mentorship program. The commitment is valued at \$2.3 million.

"The ultimate goal of this commitment is to greatly expand the capacity of universities to develop professionals with the expertise necessary to address local and regional short- and long-term economic, environmental and industrial sustainability needs," says Nabil Nasr, RIT assistant provost and director of the Golisano Institute for Sustainability.

The Golisano Institute was formed in 2007 with the help of a \$10 million gift from Golisano. It currently houses one of the world's first Ph.D. programs with a focus on sustainable production as well as master's degrees in sustainable systems and sustainable architecture.

Bob Finnerty '07

IN THE NEWS

For more, go to rit.edu/news



"One of the big questions for RIT, which we started to face last year and will come to some conclusion this year, is how big do we want to be."

(*Rochester Democrat and Chronicle*, Sept. 13)

President Bill Destler talks about enrollment expanding at RIT. Enrollment is expected to reach 18,500 in three to four years.



"You have a culture within the elites of both political parties that says manufacturing does not matter, and industrial policy will do more harm than good."

(*The New York Times*, Sept. 10)

Ron Hira, associate professor of public policy, talks about how manufacturing has largely fallen off Washington's radar screen.

Sands studios dedicated

RIT recognized Trustee Richard Sands, chairman of the board of Constellation Brands Inc.; the Sands family; and New York State Sen. Jim Alesi during an on-campus ceremony this fall to formally dedicate the Sands Family Studios in the School for American Crafts.

They provided \$2 million in total to support renovation of the studio spaces inside James E. Booth Hall and an addition to the building's west side.

"The Sands Family Studios offer an integrated, up-to-date resource that strengthens RIT's standing as a world leader in crafts education," says President Bill Destler. "The generosity of the Sands family as well as



Richard Sands, left; his wife, Jennifer Sands; and New York State Sen. Jim Alesi were honored for investing \$2 million toward renovations of the School for American Crafts. (Photo by A. Sue Weisler)

the state funding secured by Senator Alesi generate added momentum with which to capitalize on RIT's assets related to the arts."

The School for American Crafts has served

as the center of crafts education at RIT for more than 60 years. The school offers undergraduate and graduate programs in ceramics, glass, metals and wood. The 14,000-square-foot facility includes

expanded studio spaces, 16 kilns for the ceramics program, two furnaces for glass blowing and a work-yard area students can use for iron pours, welding and raku firing.

Kelly Downs

Foundation gives RIT/NTID \$4.45 million

The National Science Foundation has awarded more than \$4.45 million over four years to RIT and the National Technical Institute for the Deaf to establish DeafTEC: Technological Education Center for Deaf and Hard-of-Hearing Students, an Advanced Technological Education National Center of Excellence.

It is the single largest NSF award in RIT's history. There are about 40 ATE centers across the country, and DeafTEC will be the first ever established to serve individuals who are deaf or hard-of-hearing.

DeafTEC will serve as a resource for high schools and community colleges that educate deaf and hard-of-hearing students in science, technology, engineering and mathematics programs and for employers hiring deaf and hard-of-hearing individuals.

Through its website, DeafTEC will serve as a clear-

inghouse for information related to technical education and technician careers for deaf and hard-of-hearing students, including career awareness materials, teaching strategies for improving student access to learning, developmental math and English curricula, and information for employers.

"The goal of this national center is to successfully integrate more deaf and hard-of-hearing individuals into the workplace, especially in highly skilled technician jobs where deaf and hard-of-hearing workers are currently underrepresented and underutilized," says NTID President Gerry Buckley. "DeafTEC will provide them, as well as their teachers, counselors, employers and co-workers, with the resources that will help them succeed, both in the classroom and on the job."

Greg Livadas

NOTEBOOK

Tops in report

RIT is recognized for educational quality and value in *U.S. News & World Report: America's Best Colleges 2012*.

RIT ranks seventh in the "Best Universities—Master's (North region)" category. The university also received the second highest peer assessment score, which is a survey of presidents, provosts and deans from other universities judging academic excellence.

Carbon neutral plan

RIT released its initial Climate Action Plan, putting it on track to be carbon neutral by 2030.

The completion of the plan is a result of RIT's participation in the American College and University Presidents' Climate Commitment, a pledge by academic leaders to move their campuses toward climate neutrality through more sustainable programs and practices.

Mobile website

RIT has launched a mobile-friendly website.

Features include news, bus schedules, events, lab hours and a campus map. To use the mobile website, go to <http://m.rit.edu>. No log-in, download or installation is required, and the site is customizable.

About Students

HIGH MARKS



Ben Disinger's video for a class project went viral. Go to <http://bit.ly/qgFGjm> to see the video (Photo by A. Sue Weisler)

Student's film makes sweet music

"It feels like I've just kissed a girl who I've secretly admired for a very long time," explains Ben Disinger with a smile—and with good reason.

What started as his class project for Experimental Film went viral last summer as the award-winning music video for the song "Virgin," performed by the rock band Manchester Orchestra—one of Disinger's favorite artists. The video has generated extensive buzz online and attracted network TV airplay on Fuse and MTVU.

Disinger, a fourth-year fine art film major, originally planned a short, narrative film without dialogue. As he sat editing clips on his laptop, "Virgin" played in the background. "I started paying attention to the words a little bit," he says. "Looking at the visuals I had, I realized they were perfect for each other. They fit beautifully."

He created a "rough cut" of clips married to the music and, within a week, shared it with members of the band during their local tour stop. "We were blown away," recalls Manchester Orchestra lead singer Andy Hull, so they agreed to make it their official video.

"Virgin" received "Best Music Video" honors at both the Los Angeles Reel Film Festival and the Independent Film Festival in Tampa. Disinger scored "Best Director" honors at the Los Angeles event.

Paul Stella '03



RIT ball carrier Conor Kelley breaks through the defensive line during the RIT Tigers Rugby Football Club's first game Sept. 10. The Tigers won 17 to 10 against Paul Smith's College. (Photo by Nora Rogers)

Rugby, pickleball and

Move over running, weightlifting and bowling. Today's students have a few more options when it comes to recreational sports.

The RIT Center for Recreation and Intramurals has introduced pickleball and broomball to its 17 current intramural offerings this year.

"Pickleball, a low-key version of tennis with large paddles and a Wiffleball-style ball, even has a few faculty and staff teams in the mix," says Brennan Coon, assistant director for intramurals. An alternative to hockey, broomball is played on ice with teams using brooms to move a ball.

Coon says later this year organizers expect to add ice hockey and kickball to the intramural lineup, which includes basketball, volleyball and indoor soccer.

BY THE NUMBERS

ABOUT THE FRESHMAN CLASS

2,748

freshmen attend classes on the Rochester campus.

1,400

are from outside of New York state.



broomball . . . oh my

Meanwhile, rugby has been added back to the list of more than 205 active clubs on campus after a four-year hiatus. The RIT Tigers Rugby Football Club played its first league match Sept. 10, defeating Paul Smith's College, 17 to 10. Last spring, the team was approved as a full member of the New York State Rugby Conference.

The team plays in the New York East Division III bracket, against teams such as Clarkson and Syracuse universities.

"In just a year and a half, we went from seven guys playing around, to more than 70 people scrimmaging after this year's club fair," says Jeff Cosimano, a sixth-year mechanical engineering master's student and president of the club.

Scott Bureau '11

ON THE MOVE



Evan Coyne, right, recently won the prestigious Statler Foundation Scholarship of Excellence for her strong academic performance and activities within the tourism and hospitality industry. She was among a group of RIT students who traveled to RIT Dubai to study the growing tourism industry in the United Arab Emirates. While there, Coyne and classmate Traci Earwood took a camel ride, bringing a little bit of RIT to the desert. (Photo by Rick Lagiewski)

Hospitality student nabs scholarship

In just the past year, Evan Coyne has traveled from Rochester to Croatia to Dubai, participating on academic trips to the American College of Management and Technology and for a special-topics course about tourism in the Middle East.

Yet the Palmyra, N.Y., native had as much praise for her home department and its people as the exotic locales she has visited.

"I found my niche here and am thriving in the department," says Coyne. "They know how to roll out the red carpet for the students."

The third-year hospitality major at RIT was awarded a \$20,000 scholarship from the Statler Foundation. The prestigious Statler Scholarship of Excellence is given to students for outstanding academic performance and extra-curricular activities associated with the hospitality and tourism industry.

Coyne participated on the committee to plan the Puttin' on the RITz Dinner, the annual black-tie fundraiser for the RIT Hospitality Education Fund, as finance director and organizer of the pre-event silent auction. She is a two-term president of the RIT Hospitality Association.

Michelle Cometa '00

216

are participating in the Honors Program.

170

freshmen on the Rochester campus are international students.

157

have parents who are RIT alumni.

99 THINGS TO DO BEFORE YOU GRADUATE

College students strive for three things: good grades, sleep and fun.

The good grades are up to the students. As for sleep, well, most aren't going to sacrifice a good time for a few hours of rest.

That leaves fun.

Bob Bresson '90 (photography) loved going to hockey games when he attended RIT, and he still supports the team from his home in Chicago. His list of must-do items before leaving RIT also includes going to Jeremiah's Tavern in Rochester, where he met his wife 21 years ago.

As a student, Kristi Ziehl '91 (professional and technical communication) enjoyed hiking the 1.25-mile nature trail, south of the Student Life Center. Now a staff member, she still strolls the trails when she needs to get away and recommends it to others.

Jeremy Frey '10 (mechanical engineering technology) wanted to show that RIT students aren't full of just brains, so he joined the weightlifting club.

"You have to at least watch the RIT Strongman Competition, if not participate in it," says Frey about an item on his must-do list.

To compile our list, we asked alumni, students, faculty and staff to name the best things to do at RIT. Take a look to see whether your items made the list or to learn what campus is like today.

But be forewarned—you may lose some much-needed sleep while completing these.



1. Study at one of RIT's three global campuses.

★ 2. Go see the pelt of Spirit, RIT's one-time live Bengal tiger mascot, in the RIT Archive Collections on the third floor of The Wallace Center.

★ 3. Sit with the Corner Crew at a hockey game.

4. Attend at least one Puttin' on the RITz Dinner, held by the School of International Hospitality and Service Innovation, in March.

★ 5. See an NTID production at the Panara Theatre.

★ 6. Figure out what *The Sentinel* sculpture represents.

7. Find the stairs to the fourth floor of The Wallace Center.

8. Use the whisper wall in Sol Heumann Quad.

9. Go ice skating in Frank Ritter Ice Arena.

10. Get your swell on at the RIT Strongman Competition.

11. Find the right spot to see how the oval-shaped sculpture in the Infinity Quad, *Construction #105*, looks like ∞ , the mathematical symbol for an infinite value.





12. Take Wines of the World I with Professor Lorraine Hems.

13. Attend the annual Lighting the Way welcoming ceremony put on by The Center for Women and Gender.

★ 14. Test out your rock-climbing skills at the Red Barn.

15. Walk on the pier at Ontario Beach Park in Charlotte.

16. Get your thoughtful words posted in *Reporter's Rings* section.

17. Eat at Henry's restaurant (the hospitality student-run restaurant on the fourth floor of Eastman Hall).

18. Watch (or be a part of) the local musical talent at Lovin' Cup in Park Point.

19. Wake up bright and early for class registration at 6 a.m.

20. Try one of the beers that MacGregors' has on tap. They have more than 130.

21. Run/walk/bike the RIT loop; it's exactly a 5K.

22. Paint the fraternity rock.

23. Watch an RIT Quidditch match.

24. Go to Nick Tahou's for a Garbage Plate after midnight.

25. Have some messy fun at CAST's annual Pumpkin Chunkin' contest.

26. Tell an underclassman that there is a secret tunnel from the dorm side to the academic side.

★ 27. Go to an art show in Booth Hall's Bevier Gallery—free food, drinks and great art.

28. Take a wellness class in something you have never tried before, such as fencing or massage.

29. Eat the bacon cupcake at Artesano Bakery and Café.



27



30. Walk the Quarter Mile on a warm, sunny day and count how many steps it takes you.

31. Stay in Rochester for the summer and go to at least five of the more than 20 area festivals.

★ 32. Participate in Humans vs. Zombies. Or mess with the kids who are playing.

33. Head to Dinosaur Bar-B-Que before a homecoming hockey game at the Blue Cross Arena.

34. Go night sledding on the Red Barn hill or in front of the Gordon Field House.

★ 35. Pick up an issue of *Distorter*, the April Fools' Day issue of *Reporter*.

36. Live on the wild side and work a co-op in a different state.

37. Watch the Super Bowl in the Gordon Field House.

38. Go to the RIT Juggle-In held every spring.

39. Get a Roadie Plate from Crossroads.

★ 40. Grab some fresh fruits and vegetables from RIT's farmers' market, offered every fall.

41. Rent the pool in the Judson-Hale Aquatics Center for a party with your friends.

45. Grab a well-deserved drink after exams at TC Riley's at Park Point.

46. Learn how to fingerspell your name and sign a pick-up line.

47. Drink a terrapin and eat a giant cookie at Java Wally's.

32



42. Run for a position in RIT's Student Government.

★ 43. Check out the Rail Jam at the annual FreezeFest.

44. Beat the RIT ratio. Take a class with more girls than guys.

48. Top off an all-nighter with breakfast at Gracie's.

49. Watch an episode of *RIT SportsZone*.

★ 50. High-five Ritchie the Tiger and get your picture taken with him.

DISTORTER

04.01.11

RINGS HOLLAS BACK!

GET THE GAGA LOOK
FAKE MONSTER FASHION

SECRET LIVES OF THE
ADMINISTRATION

PLUS:
ACCEPTED STUDENTS GUIDE

35

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43



★ 51. Visit the Tojo Memorial Garden in Eastman Kodak Quad and find out the story behind it.

52. Try out for any of RIT's 24 varsity sports teams.

53. Get lost in the tunnels.

54. Walk on the pedestrian bridge over the Genesee River (across from Frontier Field) to see High Falls.

55. Go to the Brick City Café for any of the visiting chefs.

56. Play pool, darts or tailgate a hockey game at the Ritz Sports Zone.

57. Get a frozen custard (a Rochester specialty) at Abbott's in Park Point.

★ 58. Buy some exotic foreign candy at The Market at Global Village.

59. Request a song or become a DJ at WITR-FM (89.7), the campus radio station.

60. Get free ice cream at Ben & Jerry's on Free Cone Day in the spring.

61. Join one of RIT's more than 205 clubs.

62. Have your picture taken riding the tiger statue just south of Kodak Quad.

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63. Attend at least one Brick City Homecoming & Family Weekend event in October.

64. Take a lunch or dinner cruise on the Erie Canal.

65. Get a burrito and a margarita at Salsarita's at Global Village.

67



51



66. Ride the bus around campus.

★ 67. Get the RIT football T-shirt “Undefeated Since 1978,” sold by the Institute of Industrial Engineers RIT Student Chapter.

68. Buy some unique gifts at the School for American Crafts’ annual holiday sale in the Student Alumni Union in December.



69. See the archives at the Vignelli Center for Design Studies.

★ 70. Check out the RIT Dodgeball Club, former holders of the world dodgeball record.

71. Volunteer or participate in the annual spring anime event, Tora-Con.

72. Give blood at an on-campus blood drive.

73. Try a gluten-free quiche at Artesano Bakery and Café.

74. Attend at least one College Activities Board event each quarter.

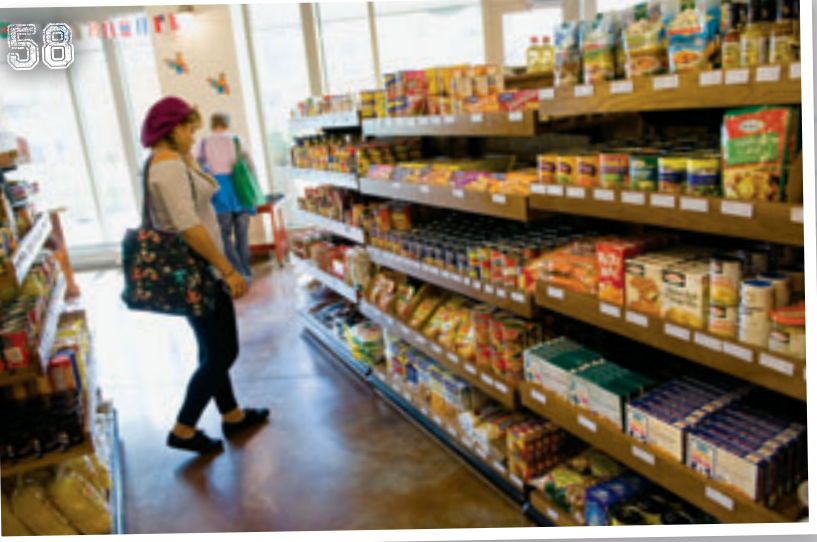


75. Have lunch with President Bill Destler—he’s at Brick City Café in the Student Alumni Union most days Monday through Friday between noon and 12:30 p.m. and is always looking to spend time with students.

★ 76. Take part as an exhibitor at the Imagine RIT: Innovation and Creativity Festival the first Saturday in May.

★ 77. Visit the geekiest-named café on campus (and maybe in the world)—the Ctrl-Alt-DELi in Golisano Hall.

★ 78. Check out the RIT Baja SAE team and find a way to support members as a volunteer or a spectator.



- 79. Figure out the difference between interstates 390, 490 and 590.
- 80. Get a sandwich from the Calabria Express Food Truck.
- 81. Rent a DVD from the Residence Hall Association.
- 82. Make a wish at the Campus Center fountain.
- 83. Check out a sorority or a fraternity event on campus.
- 84. On the coldest day of the winter quarter, soak in the hot tub at the aquatics center. Then jump off the high dive.
- 85. Volunteer to be an extra in a film student's production.
- 86. Take at least one class that is 180 degrees from your comfort zone, but sounds interesting.
- 87. Join an intramural sports team and become intramural champions.

- ★ 88. Take your picture with some of RIT's 15-million-plus bricks.
- ★ 89. Participate in Mud Tug, held each fall behind Gracie's.
- 90. Go to the 12th floor of Mark Ellingson Hall, the highest point on campus.

- 91. Star gaze from the roof deck on top of Frank E. Gannett Hall.
- 92. Read a poem at an RIT Poetry Slam.
- 93. Check out the floor in the Gosnell Hall atrium.
- 94. Eat a "Turkey Day" lunch in the Student Alumni Union. It's like Thanksgiving dinner every Wednesday.
- 95. Visit the International Museum of Photography and Film at the George Eastman House.
- 96. Grab a free T-shirt. There are always free shirts floating around campus for different events.
- 97. Recover from the weekend with breakfast at Margie's Family Restaurant.
- 98. Stop by the Center for Religious Life. Grab some free candy and learn about another religion.
- 99. Help your college be the loudest by cheering at commencement.

Scott Bureau '11

What's on your list? E-mail us at umagwww@rit.edu or write to *The University Magazine*, University News Services, Rochester Institute of Technology, 132 Lomb Memorial Drive—Brown Hall, Rochester, NY 14623. We will publish responses in the next magazine.

Photos by A. Sue Weister, Mark Benjamin, Prisca Edwards and Yasmeen Smalley.



Scan this code with your smartphone app to see a video of what students have on their lists.





Turning wastewater into drinking water

One graduate's algae research could have humanitarian impact



Left: Eric Lannan saw his graduate research outgrow the lab and move into a 100-gallon tank off-campus in an RIT environmental startup run by his thesis advisor. He is shown here testing algae from the scaled-up tank. **Above:** As Lannan wrote his thesis, the project marched forward to fill a 1,000 gallon tank at the Webster, N.Y., Wastewater Treatment Plant. Cole Adams '11, left, cleans an air diffuser as student Sarah Salmon examines an algae sample. Professor Jeff Lodge looks on. (Photos by A. Sue Weisler)

Eric Lannan '11 (mechanical engineering) and Jeff Lodge arrived at Monroe County's Frank E. Van Lare Wastewater Treatment Plant in Irondequoit, N.Y., one day with a dozen empty jugs in the back of Lodge's green Subaru.

The graduate student and RIT biology professor were studying microalgae's potential as a biofuel and they needed a cheap way to grow it in the lab. Wastewater was an option they were willing to try.

"Wastewater is cheap, abundant and we knew where we could get it," says Ali Ogut, professor of mechanical engineering at RIT and Lannan's thesis advisor.

But the team quickly discovered a surprising benefit of growing algae in wastewater: The organisms cleaned the dirty water. Algae's potential as a simple way to clean wastewater became the new focus of their research.

"Small towns with wastewater treatment plants could use this technology to treat their wastewater and then process the algae," Ogut

"If a small town can process cleaner water that won't contaminate the land and people's well water, and convert the algae to biodiesel to fuel the town's trucks—that's a win, win, win."

Jeff Lodge
RIT biology professor



Jeff Lodge

well water, and convert the algae to biodiesel to fuel the town's trucks—that's a win, win, win."

The professors took Lannan's graduate

says, adding that rural communities don't always get the benefit of green technologies.

Lodge agrees. "If a small town can process cleaner water that won't contaminate the land and people's



Ali Ogut

research one step further. They purified the algae-treated water by passing it through an ultraviolet radiation system. A simple pH adjustment at the end completed the process of transforming wastewater

to drinking water. Suddenly, the little project had big humanitarian applications.

The technique developed at RIT could be adopted to treat wastewater and to provide



Algae consume nutrients in wastewater. Murky wastewater pouring from the bottle at the left turns green when algae is added, as in the center stream. The result is crystal clear wastewater after the algae treatment, as shown on the right. (Photo by A. Sue Weisler)

potable water for people in Haiti, still recovering from the 2010 earthquake, and for rural communities in India.

“I am amazed and somewhat overwhelmed with how far the research has come,” says Lannan, now a performance engineer with Cummins Inc. in Jamestown, N.Y., an international designer and manufacturer of diesel engines. “When I first started the project, I didn’t think that it could become a main topic of research for both Dr. Ogut and Dr. Lodge.”

A sublime solution

Lannan began his graduate research three years ago.

At the time, the team focused on growing and harvesting microalgae—single-celled organisms—for valuable lipids, or fats, the feedstock for biodiesel. Using expensive solutions as a growth medium in the lab was cost prohibitive and restricted the scope of Lannan’s study.

Creative science on a shoestring doesn’t

“We were looking for the cheapest way to produce oil for conversion to biodiesel. It just happened that algae were very cheap to grow on wastewater. From that point, it grew into almost a whole other project about effectively cleaning wastewater cheaply using algae.”

Eric Lannan ’11 (mechanical engineering)

always work, but in the case of Lannan’s thesis research, tapping Monroe County’s supply of nutrient-rich wastewater was like striking oil—the algae thrived.

In the biology lab, Lannan and Lodge discovered that algae hold a surprisingly “green” elegance.

Media attention earlier this year led to a stream of inquiries about the water-cleaning potential of algae.

Phone calls and e-mail messages stacked up with increasing interest from professionals in the water treatment industry and philan-

thropists, who envisioned what the technology could mean on a humanitarian level.

In response to the outside interest, Environmental Energy Technologies (EET) Inc., an RIT startup run by Ogut, formed a division dedicated to algae as a water treatment technology, with Lodge as a consultant.

“I get e-mails everyday,” Lodge says, “from people in Ireland, Jamaica, Sweden, Syracuse, Washington, D.C. There’s a lot of interest internationally and from philanthropic groups seeking solutions for drinking water in developing countries.”



Shifting toward clean energy

Clean energy is a booming industry. Nearly half of the companies in RIT's business incubator, Venture Creations, are related to clean energy and funded by the New York State Energy Research and Development Authority (NYSERDA).

The companies are AWR Energy, EET Diesel Systems, Emerald Technologies, Energy-wise Partners, Exiscan, MCB Clean Room Solutions, Lake County Fracwater, ThingWorx, RNY Solar, Sweetwater Energy and Tenrehte Technologies.

"The clean energy opportunities are almost identical to those in sustainability," says Bill Jones, director of Venture Creations. "This reinforces why RIT is so well positioned. The creation of jobs in this field is thriving. Venture Creations is trying to commercialize these various innovations centered around clean energy."

Making drinking water

Wastewater can be converted into drinking water in an organic process starting with algae.

The algae remove ammonia, phosphate and nitrate, significantly reducing the pathogen load; a centrifuge removes the algae; and an ultraviolet radiation system developed at EET kills any leftover pathogens. All that remains for clean, potable water is to adjust the pH level.

Lodge and Ogut, president and chief technology officer of EET, anticipate importing the technology to a site near Port-au-Prince, Haiti, and in rural Nagpur, in Mahal, India.

Philanthropists reached out to them last spring and Lodge and Ogut submitted a budget for a 1,000-gallon tank to Catholic Relief Services, an international humanitarian agency representing the U.S. Catholic community.

In the meantime, an opportunity in India is developing.

The researchers submitted another budgetary plan to Green Self Reliance, a Washington, D.C.-based organization, for a 10,000-gallon algae system for cleaning water in rural India. They suggested using the algal biomass as feed for animals and fish farms.

The philanthropic organization paired the RIT team with a biotechnology company in India as a sponsor through which to submit their proposal to the Indian government.

Cole Adams '11 (environmental science and biology), a graduate student in environmental science, and Sarah Salmon, a third-year chemical engineering major, this summer helped Lodge install a 1,000-gallon tank at the Webster, N.Y., Wastewater Treatment plant as Lannan finished his last experiment using 70 gallons of waste from the Van Lare facility.

Shifting to the Webster plant was a logisti-

cal decision and gave the team opportunities to continue scaling up and testing algae production in a bigger tank and under direct sunlight.

"When we hit 100,000 gallons, we will be at commercial level," Lodge says.

Making biodiesel

Lannan's current job as a performance engineer with Cummins Inc. has nothing to do with algae. He works with diesel engines that power semi-trucks, construction equipment and back-up generators as a member of the company's Heavy Duty Engineering Department.

"I solve issues with the engine's calibration to improve overall engine function," he says. "This includes running tests on engines in test cells as well as out in the field in trucks."

Lannan's interest in biofuels led him to focus his graduate work on microalgae's potential as a source of alternative energy.

In Lodge's biology lab, he became familiar with the algae strains *Scenedesmus*, *Chlorella* and *Chlamydomonas*, and what they need to thrive.

The traditional way to grow algae in a laboratory uses a synthetic solution enriched with nitrogen and phosphate. Algae consume the chemicals and produce lipids. But not any algae will do.

Scenedesmus, *Chlorella* and *Chlamydomonas* produce lipids with the right kind of carbon chains that yield valuable oil, such as biodiesel.

Using wastewater instead of a synthetic medium eliminated the steepest cost in the algae-production equation. According to Lannan, the chemical solution alone can account for as much as 70 percent of the cost of biodiesel.

"You can stick algae in a pond and it grows on its own," Lannan says. "You get a lot of

upstream costs when you're making synthetic media on a large scale. The cost is the production of all those nutrients that you're adding to the solution and related transportation costs."

Lodge says algae will take out 99 percent of the ammonia, 88 percent of the nitrate and 99 percent of the phosphate from wastewater.

"We've got data to show that the coliform counts are dramatically reduced below the level that's allowed to go out into Lake Ontario."

Lannan and Lodge scaled up their algal production, filling 55-gallon drums with wastewater from the plant in Irondequoit to grow the organisms in a 100-gallon tank they built in a back room at EET.

Graduate student Christina Karas transitioned into Lannan's role as he wrote his thesis.

Current students Adams and Salmon joined the project and saw it through to the next challenge by replicating Lannan's success in a 1,000-gallon pond at the Webster Wastewater Treatment Plant.

The students are excited to see the project continue its outward trajectory, with the opportunities in Haiti and India coming closer to fruition every month.

The project that started with Lannan has taken on a life of its own and promises to continue to grow.

"I had heard a little bit about using algae to make biodiesel, but it was just that it was a possibility," Lannan says.

"I view the algae as a means to an end. We were looking for the cheapest way to produce oil for conversion to biodiesel. It just happened that algae were very cheap to grow on wastewater. From that point, it grew into almost a whole other project about effectively cleaning wastewater cheaply using algae."

Susan Gawlowicz '95

YOU MADE WHAT?

You won't believe what RIT grads are creating

A camera on the International Space Station. The Vince Lombardi Super Bowl Trophy. Sandals. The Chevy Volt. A website dedicated to helping slave victims. Children's books. Music. These are just a few of the items that have a little bit of RIT inside. Meet the graduates who made them and find out what inspires them.

Paul Spacher '82 (mechanical engineering) wasn't expecting to work on the lithium-ion battery cooling system of the Chevy Volt.

The General Motors employee was asked to consult on the project because those working on it were struggling to get the cooling system leak-free. But before he knew it, he and two others at the Honeoye Falls, N.Y., Fuel Cell Research and Development Center were building prototypes.

"One of the issues to get the range that we wanted out of the Volt was to be able to find a way to cool the individual (battery) cells," says Daniel O'Connell, director of advance technology demonstration projects for GM Fuel Cell Activities. "A lot of companies were having difficulty with overheating of the cells. And Paul was really involved in the redesign of that cooling system and was able to develop a system that we were able to patent."

The battery cooling plate contributed to a key selling point of the electric car—it can travel 35 miles or more on battery power before gas kicks in. And it also helps the battery last longer. The warranty is for eight years or 100,000 miles, O'Connell says, the highest in the industry now.

Pretty impressive for this engineer who grew up in Greece, N.Y., and has been working on small engines since he was 8 years old.

Spacher started working for Alliance Automation Systems Inc. in Rochester in 1977 as summer help and then as a co-op while he was a student at RIT. During his more than 20 years there, he designed and built automation lines for the Big Three U.S.

automakers. He also was accredited as a professional engineer and he constructed his own 2,000-square-foot, four-bedroom house from the ground up.

"I have always enjoyed working on anything mechanical," he says.

In 2002, he became a manufacturing engineer at the Delphi Automotive plant in Rochester. He joined GM's Fuel Cell Research and Development Center in 2005, where he works on fuel cell and battery design.

He started working on the technology behind the Volt a few years ago. It took his team six months to come up with the concept, six months to prove it worked and another year to put it into pre-production. The car hit the marketplace in 2010.

"Once we built the prototype, we knew it was going to work," Spacher says, adding that team members drew on their past experience with fuel cells. "We just had to prove it to everybody else at that point in time."

For their battery cooling plate, Spacher and the two other GM engineers received the 2010 Boss Kettering Award, GM's most prestigious engineering achievement award for innovative designs.

"People look at me like, 'You actually worked on the Volt?'" Spacher says. "They don't believe you. And a lot of people, anybody from the car industry, think you were one of 1,000 people or 100 people who worked on it. It's hard for them to imagine how much work we did here with so few people."

Mindy Mozer



PAUL SPACHER '82

YOU MADE WHAT?

Spacher helped redesign the battery cooling system of the Chevy Volt. His work is a reason the electric car can travel 35 miles or more on battery power.



SEAN FORBES '08

YOU MADE WHAT?

Forbes, who has been deaf since he was an infant, signed with the same record label that discovered rap artist Eminem. He expects to release his first album this winter. Forbes is changing the way deaf people experience music.

Sean Forbes always loved music, but he knew turning music into a career would be difficult. When he came to RIT/NTID his freshman year, he left his instruments in his hometown of Detroit so he could concentrate on his studies.

But a month later, Forbes, who has been deaf since he was 9 months old because of spinal meningitis, got a call from his dad, who told him to wait outside his dormitory at 9:30 that night. He did and met a family friend carrying his guitar case and amplifier.

"I was like, 'Holy smokes!,'" Forbes says. "I was just so excited. I thanked him, grabbed my guitar and ran up to my room, plugged that baby in and just played."

Forbes '08 (multidisciplinary studies) learned two valuable lessons that night. If you jam on your guitar past 10 p.m. in the residence halls, you disturb other students

and get in trouble. And music is his natural release. It's what defines him and a critical piece of whatever his future would be.

As it turned out, that future included launching D-PAN, the Deaf Performing Arts Network, and writing, performing and recording his own music. In 2010, Forbes signed a record deal with Web Entertainment, the same label that discovered rap artist Eminem. In February, Forbes is scheduled to release his first album, *Perfect Imperfection*, which includes a DVD with music videos and behind-the-scenes clips. Jake Bass, the son of Jeff Bass, who produces music for Eminem, is producing the album.

"Stevie Wonder showed the world how blind people experience music," he says. "I want to show the world how deaf people experience music."

Forbes has been experiencing music since he got his first drum kit at the age of 5. His knack for music was evident during those early years when he would follow the rhythm of a song by tapping on his lap, even though he couldn't hear high pitches.

"People always think music is something that you hear. But to me, music is something that you feel," he says. "Whether you physically feel the music or literally feel the music from the artist's devotion."

At RIT, Forbes would sign lyrics to songs as a way to impress girls. He found that deaf people love music but they weren't getting all that music has to offer.

That's why he created the nonprofit organization D-PAN, which translates popular songs into American Sign Language music videos.

D-PAN has the backing of Eminem's publisher, Joel Martin, whom Forbes met at the Detroit Music Awards. He won him over after making a music video of himself signing Eminem songs. Fellow RIT/NTID grad Adrean Mangiardi '06 (film and animation) produced the video.

Mangiardi, who has his own production company called Mangiardi Films and also works for D-PAN Productions, went on to make Forbes' debut single music video *I'm Deaf* as well as the music videos that accompany the new album.

Mangiardi says the album inspires both deaf and hearing people.

"Sean has shown people how to overcome obstacles of impossibilities," Mangiardi says. "His music brings hope to everyone."

Mindy Mozer

To learn more

Go to www.deafandloud.com to check out singles from *Perfect Imperfection*.



Photo by Jeremy Deputat

STEPHANIE PERROTTI '06

YOU MADE WHAT?

At the end of major sporting events, such as the Super Bowl or the PGA FedExCup, the winning team or player receives a sterling silver trophy. Chances are good that Perrotti made it.

When Stephanie Perrotti watches the Super Bowl in February, she'll be most interested in what happens after the game. That's because she helped make the championship trophy as a silversmith for the Hollowware Department at Tiffany & Co.

Perrotti '06 (metalcrafts and jewelry) has worked on the NBA Finals Most Valuable Player Award, the NBA Larry O'Brien Championship Trophy, the PGA FedExCup Trophy, the PGA Northern Trust Open Trophy, the NFL's AFC and NFC Championship trophies and the coveted Vince Lombardi Super Bowl Trophy.

"When I watch championship games, I make sure to watch the awards ceremony," says Perrotti. "But sometimes I see champagne or fingerprints on the trophy and I think, 'Oh my gosh.'"

Nearly 30 RIT graduates have worked for Tiffany & Co. over the years, says Leonard Urso, a professor in the School for American Crafts.

Urso says RIT and the company developed a relationship in 1985 after he provided specialized training to Tiffany employees. Since then, the company has hired graduates as product designers, silversmiths and in management positions. (In fact, Perrotti's boss is Lance Neirby, trades supervisor in the Hollowware Department, who graduated in 2005 with a degree in metalcrafts and jewelry.)

Perrotti, who attended RIT to pursue her love of art, started working for Tiffany & Co. right after graduation. At first she worked on retail and custom-design pieces, such as large punch bowls, vases and serving trays. "Anything really expensive and fancy," she says.

She moved into the trophy business about two years ago. The design department comes up with the look of the trophy but Perrotti



Photo by Shannon Taggart '98

and other silversmiths cut, file, hammer, form, solder and assemble the sterling silver pieces.

Sometimes she'll make more than one trophy when teams request a replica. She made a full-size replica of last year's Vince Lombardi Super Bowl Trophy for the Green Bay Packers.

She says she spent 37 hours working on the 2012 Super Bowl trophy in the company's hollowware workshop in Parsippany, N.J. On the PGA trophies, she spends nearly 120 hours because the trophies are more complex.

In 2010, Perrotti received the Charles Lewis Tiffany Award for Excellence, which

recognizes employees of the company for their work. Urso is not surprised.

"Stephanie at RIT exhibited classic sensibilities and classic skills to make her a prime candidate to be in an organization like Tiffany's," he says.

Perrotti, who thought she'd be making jewelry when she started at RIT, says she enjoys working on large items, even when her work gets covered with fingerprints and champagne.

"I love working with my hands and creating things," she says, "especially when you get to work on these gorgeous pieces."

Mindy Mozer

JOHN EADES '93

YOU MADE WHAT?

Not many sandals are made in the United States. Eades is changing that. He opened a sandal factory in his hometown last year and the sandals, which he designed, hit the marketplace in August.

John Eades has a rule about wearing flip-flops in the winter.

"I have a 20 millimeter height limit on the snow because my sandals are 21 millimeters high," says Eades '93 (industrial design). "If there's 20 millimeters or below, I'm wearing sandals."

Eades isn't wearing just any sandal. In August, his company's first batch of flip-flops hit the marketplace. This winter, he's working on producing 50,000 more for the summer season and he's doing it in the heart of New York's wine country, which is known to get a little bit of snow.

Vere Sandal Co. opened in August 2010 in the former American Can Co. factory in Geneva, N.Y. It is one of only a few companies making sandals in the United States.

"It has been an incredibly hectic year," Eades says. "We started with basically an empty building and built a sandal factory."

Eades began thinking about American-made sandals when he was the footwear product director for Reef, a company in San Diego that makes surf-inspired footwear and apparel. He would travel with the sales representatives and ask buyers what their customers were asking for that they didn't offer.

At first, the responses were all over the board, but in 2006 and 2007, clients began telling him that people wanted to buy products made in the United States.

Eades researched the idea with the goal of pitching a domestic-made product to his bosses at Reef. But in June 2009, Eades was laid off.

He moved back to his hometown of Geneva, called his grade-school friend, Michael Ferreri, and began running some numbers and shopping for industrial space. Geneva offered the best incentives.

Eades, who had designed shoes for New

Balance and Airwalk before working at Reef, created the styles and oversees production. Ferreri is the numbers guy who handles the business side of the operation.

"The American-made gets us in the door. That's what gets people's attention," Eades says. "But it really is the quality of them that gets people to stick around."

Along with being domestically made, Vere is concerned about the environment. The company uses recycled content in each layer of the sandal and focuses on eliminating waste by buying pre-cut products from suppliers who recycle all scrap material.

They have seven styles and 16 color options. Sandals sell for between \$25 and \$50. They can be found in surf and outdoor shops along the coasts as well as locally.

Joe Fragnoli, an owner of the family-owned clothing and footwear store Super Casuals in Geneva, says Eades personally delivered the first shipment in late August and also set up the display. The store sold 16 pairs on the first day.

"This is a breath of fresh air," says Fragnoli, who remembers Eades buying jeans from his store when he was in high school. "This is a local guy making a product locally."

The company is able to stay competitive because Eades designed the sandals to be easy to build. They also don't have to pay a protective tariff on sandals with a textile upper piece like their competitors in China.

"I'm pretty proud that we have been able to do it," Eades says. "A lot of people when we first started talking about it just shook their head and said, 'You guys are nuts. There's no point in that.' Now those same people are openly rooting for us. That part is kind of cool."

Mindy Mozer

To learn more

Go to www.veresandals.com.





vere
sandal company
USA

ANNA LEUNG '05

YOU MADE WHAT?

Leung wants people to know that human slavery is uglier than it ever was. Leung's company is dedicated to changing that. She sells products made by survivors to provide income for victims and to raise awareness.

When Anna Leung was a junior at RIT, she took a break from homework one night and watched a documentary about human trafficking.

"I was just so taken aback by how slavery still exists today," says Leung '05 (public policy). "So I started to get involved."

She incorporated the topic into her classwork and senior thesis project and did a co-op working with a congressman in California to formulate public policy on the issue. She also worked with a nonprofit that helps survivors of human trafficking.

In 2009, she started a business dedicated to ending human slavery. Restoring International Justice Imports Green (RIJI Green) sells products made by human trafficking survivors to not only provide a source of income

for the victims but to raise awareness.

According to the State Department's 2010 *Trafficking in Persons* report, there are an estimated 12.3 million adults and children in forced labor, bonded labor and forced prostitution around the world.

In the United States, federally funded task forces investigated 2,515 incidents of suspected human trafficking between January 2008 and June 2010, statistics from the U.S. Department of Justice show. They identified 527 confirmed victims.

Leung works with factories in India, Nepal and Cambodia that are providing jobs to women rescued from brothels.

"I wanted to open up a market for survivors' products," Leung says.

Leung, who lives in Manassas Park, Va., not only sells the products, which include everything from retail and wholesale items to custom bags and T-shirts, she donates a portion of the proceeds to International Justice Mission, an organization that provides legal services to prosecute traffickers.

Neha Goyal '05 '10 (information technology), who built the RIJI Green website, says while at RIT, she and Leung were part of the Asian Culture Society and would often do Indian dance performances.

"Her love for India/South Asian culture, and its people, combined with her passion of human rights led her to start RIJI Green and fight human sex trafficking," says Goyal, a Web and graphic designer with her own business called Launching Frog.

Along with running RIJI Green, Leung is a stay-at-home mom for her two boys, Oxford, 5, and Tovi, 4. She is married to alumnus Sam Graham '02 (mechanical engineering). She met Graham on a mission trip to Jamaica with InterVarsity Christian Fellowship while they were students.

"I am balancing being a mom and being who I am, which is an abolitionist. I care about this issue. Slavery is bigger and uglier than it ever was. But at the same time, slavery has been overcome in the past and I truly believe that if we work together we can overcome this new form of slavery. I am just doing my part."

Mindy Mozer

To learn more

Go to www.rijigreen.com.



A camera installed on the International Space Station is giving upper Midwest farmers real-time data about how their crops are growing. And a company owned by three RIT graduates built that camera.

Pano Spiliotis '99, '01 (imaging science, MBA), Tracie (Lamphere) Spiliotis '99, '01 (accounting, MBA) and Lawrence Taplin '01 (color science), own FluxData, based at RIT's business incubator Venture Creations. The University of North Dakota hired the company in January 2010 to build the multispectral imager for its International Space Station Agricultural Camera (ISSAC) project.

ISSAC was designed to take images of crops, grasslands and forests to help farmers and ranchers better understand vegetation health changes of their land. A farmer can get the pictures days after making a request, says Doug Olsen, ISSAC project manager.

But University of North Dakota researchers and students, who operate the camera from their campus in Grand Forks, are finding that the project is appealing to a broader audience. Scientists are interested in the pictures to study glacial changes, for example. The images also can help during disasters. Images were taken of flooding in Minot, N.D., to show the extent of the damage.

Olsen says project coordinators contacted FluxData because the company, which licensed a patent from RIT, builds cameras that can take multispectral images in red, green and near infrared wavelength bands.

In January, the camera, which was assembled and tested just blocks from the RIT campus, was launched into space on a Japanese rocket.

Pano Spiliotis, CEO of FluxData, says building the camera was challenging because it had to be rugged enough to survive a rocket launch. "It goes from here to outer space in 15 minutes," Spiliotis says. "There's a lot of vibration and shock."

The camera captured its first high-resolution image from space—the western coastal region of Florida—this summer.

"We were pleasantly surprised with the FluxData camera," Olsen says. "Its dynamic range is very good."

The project has been a great marketing tool for the company, which can now tell clients that they can get an identical system that is on the space station.

FluxData has made more than 100 cameras since it incorporated in 2006. The majority of its business is with the U.S. Department of Defense, Spiliotis says.

The cameras are custom-made to isolate what the customer is trying to find. For example, a client may want to find camouflage. Trees have chlorophyll but camouflage doesn't. FluxData then builds a camera that has a spectral channel tuned to chlorophyll.

Olsen hopes the camera will be in space for at least three growing seasons.

What kind of reaction are these graduates getting when they tell people about this project? "There's disbelief," says Tracie Spiliotis,

**LAWRENCE
TAPLIN '01**

**TRACIE
SPILIOTIS '99, '01**

**PANO
SPILIOTIS '99, '01**

YOU MADE WHAT?

These three graduates own a company that made a camera installed on the International Space Station. The pictures help farmers understand changes to their land.

chief financial officer. "People can't believe someone they know has something in space."

Mindy Mozer

To learn more

Go to www.fluxdata.com.

Photo by
A. Sue Weisler



THOMAS MAGUIRE '03

YOU MADE WHAT?

This industrial designer makes books that unfold into a single landscape for the characters to move through. Maguire's third book, released this fall, is long enough to wrap around most rooms.

When Thomas Maguire '03 (industrial design) was working in Denmark, he visited the childhood home of Hans Christian Andersen.

In the backyard, Maguire, who in his free time was writing and illustrating his own children's book, found a small, white duck feather. He picked it up and put it in his sketchbook for inspiration.

Seven years later, Maguire still has the feather. And his book *The Wild Swans*, which translates Andersen's fairy tale into images, was released by Simply Read Books in October.

The Wild Swans is the third book for this toy designer, who landed the job in Denmark with the Lego Co. right after graduation. His first book, *A Growling Place*, was published in 2008 and was mostly written and illustrated during the two years Maguire lived in Denmark.

A Growling Place was modeled after one of his favorite illustrators, Maurice Sendak, Maguire says, and tells the story of a girl whose teddy bear is blown away by the wind and ends up in a cave with real bears. The girl has to rescue the stuffed animal and in the process teaches the real bears about manners.

"The idea is about confronting bullying," Maguire says. "That's always been something I've been interested in."

In 2010, *Three Little Dreams* was published. *Three Little Dreams* consists of three small fold-out books in a box, each following the dream of a different character. When a book, which has no words, is completely unfolded, it's more than 30 inches long and the front and back illustrations can be connected so the story ends where it began.

In *The Wild Swans*, Maguire builds on the circular story idea. The accordion book is more than 60 feet long and 5 inches tall when it is unfolded.

"The story takes place in a single long landscape that keeps changing and the character is moving through it," he says.

The illustrations were drawn in 8-foot sections and then stitched together in Adobe Photoshop. The book contains no words, but Simply Read Books is enclosing a small booklet with Andersen's story, which is about a princess who rescues her brothers from a spell by their evil stepmother. That way people can follow along with Maguire's black and white images.

Kallie George, an editor at Simply Read Books, says reaction to Maguire's books has been good because they are so unique.

"Thomas is original and passionate about his projects and very professional in his

approach to his work," George says, adding that *The Wild Swans* is long enough to wrap around most rooms.

Maguire says with both circular story-books, his goal was to bring the product design experience together with a storytelling experience.

Maguire continues to work full-time as a toy designer. He is now with Fisher-Price in New York City designing Thomas & Friends Take-n-Play portable railways and die-cast engines. Many of his projects for Thomas & Friends were also released this fall, just in time for the holidays.

He makes creative activities a priority in his life.

"I'm definitely going to do one again," Maguire says about a fourth book. "I'm not sure what but there will definitely be another one."

Mindy Mozer

To learn more

Go to www.simplyreadbooks.com.



Photo by Shannon Taggart '98

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Your **brick** will leave a lasting memory at RIT.
Your **gift** will support the scholarship fund
of your choice. Two terrific ways
to show your Tiger Pride!

Bricks make great gifts too—
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Focus on fellowship



for Pulitzer winners



When Robert Bukaty '82 was growing up, he accompanied his father, a photographer for the *Buffalo Courier-Express*, on photo assignments.

One of them was the 1980 Winter Olympics in Lake Placid. Bukaty had just been accepted to RIT and his dad agreed to cover the Olympics if he could bring his son along.

"We shared a house with all of these photographers," Bukaty remembers. "There were photographers sleeping on the floor, sleeping near the wood stove. At the end of the day of shooting the Olympics, photographers always got together, even though they competed against each other all day long."

Maybe that's why Bukaty and six other RIT alumni—all Pulitzer Prize-winners—enjoyed being together for the first time as much as receiving an honor for their work.

The seven men, ranging in age from 39 to 59 years old, were given the Isaiah Thomas Award in Publishing on Sept. 22.

The award recognizes those who've made outstanding contributions to the publishing industry. RIT's School of Print Media hosted the awards ceremony at the Newseum in Washington, D.C.

The award recipients were Bukaty, Paul Benoit '76, Ken Geiger '11, Stan Grossfeld '73, Dan Loh '95, William Snyder '81 and Anthony Suau '78. All graduated from RIT's School of Photographic Arts and Sciences.

"It's quite a distinguished class," says Grossfeld, an associate editor at *The Boston Globe*. "It's a pleasure to be honored with them. These guys are all eclectic, tremendous human beings because of what they have gone through to get these pictures. It bonds us. We are like brothers. And not because of the Pulitzer Prizes, but because of the nature of what we do."

What the seven graduates have done throughout their careers is win a combined 11 Pulitzer Prizes in photojournalism. Their images have documented the best and worst of humanity. Their work is part of an exhibit at the Newseum featuring 1,000 Pulitzer Prize-winning photos along with video and audio interviews of the winners.



Top left: Paul Benoit walked 10 miles to Revere, Mass., at the height of the Blizzard of 1978 to photograph the rescue of 1,000 people. (Benoit, *Boston Herald-American*) **Middle left:** Former White House intern Monica Lewinsky and her attorney William Ginsburg. (Dan Loh, *The Associated Press*) **Bottom left:** U.S. diver Mary Ellen Clark dives to a surprise bronze medal in the 1992 Summer Olympic Games in Barcelona, Spain. (William Snyder, *The Dallas Morning News*) **Top middle:** Nigeria's 4 x 100 Meter Women's Relay Team wins bronze at the 1992 Summer Olympic Games. (Ken Geiger, *The Dallas Morning News*) **Bottom middle:** Stan Grossfeld traveled to Ethiopia to document the effects of famine and drought. He captured this photo of an African Madonna holding her child just hours before the child died. (Grossfeld, *The Boston Globe*) **Top right:** A grief-stricken widow clings to her husband's tombstone on Memorial Day. (Anthony Suau, *The Denver Post*) **Bottom right:** A technician in a cherry picker works in Times Square as NBC's Tim Russert reports on the grand jury testimony in the impeachment proceedings of President Bill Clinton. (Robert Bukaty, *The Associated Press*)



Seven RIT alumni—all Pulitzer Prize winners—received the Isaiah Thomas Award in Publishing on Sept. 22. The award, named for one of America's great patriot printers, is presented annually by RIT's School of Print Media. Alumni recognized, from left to right, are Ken Geiger, Dan Loh, Robert Bukaty, Anthony Suau, William Snyder, Paul Benoit and Stan Grossfeld. The photographers gathered for the first time at the awards ceremony in Washington, D.C. (Photo by A. Sue Weisler)

And as storytellers, these photojournalists have often put themselves in harm's way. Grossfeld risked his life to cover the war in Lebanon in 1983, taking photographs of firefights in Tripoli and Beirut.

"I remember in Beirut when I checked in to the hotel, they asked me if I wanted to be in a room on the car bombing side or the rocket side," he says. "So that's a bad memory."

Just two years out of college and working as a staff photographer at the *Boston Herald-American*, Benoit found himself in the middle of the one of the biggest news events of the decade. The Blizzard of '78 had paralyzed the Northeast. Scanner reports declared there

was a tidal surge in the town of Revere, Mass., outside of Boston, and people were trapped. Benoit, unable to get a ride with the National Guard because it was deemed too dangerous, decided to go on foot.

"I had this brilliant idea to walk," Benoit says. "I went with an Associated Press photographer who was the only person I could find willing to make the trek with me. It took us about seven hours to get through the snow and waste-deep slush. The worst part was when we got there the flash on my camera didn't work. I started knocking on doors of an apartment building and a woman finally let me in. I put my camera in her oven for about 20 minutes and that did the trick."

Future photojournalists were among those in the audience who heard the stories behind the photos.

Undergraduate and graduate students from RIT's School of Photographic Arts and Sciences and School of Print Media traveled to D.C. for the event.

Elizabeth Stallmeyer, a third-year photojournalism student from Lincroft, N.J., says she was captivated by how Benoit got the blizzard photos. She sat with him at lunch.

"He emphasized that we have to work hard, be curious and remain persistent to succeed in this business," she says. "Paul also told us to take advantage of the great professors and amazing facilities at RIT."



Dan Loh listens to the presentation with fellow award recipients. (Photo by A. Sue Weisler)

About the photographers

Paul Benoit '76 won the Pulitzer Prize in 1979 in the Feature Photography category while working for the *Boston Herald-American*. Benoit and members of the paper's photography staff won for their coverage of the Blizzard of 1978. Benoit currently serves as the chief operating officer for MerlinOne Inc. in Quincy, Mass.

Robert Bukaty '82 won the Pulitzer Prize in 1999 while working for The Associated Press. Bukaty and fellow RIT alumnus Dan Loh were part of the AP photography staff honored in the Feature Photography category for their series of images of the key players and events surrounding President Bill Clinton's affair with Monica Lewinsky and the impeachment hearings. Bukaty continues to work for The Associated Press, based out of the Portland, Maine, bureau.

Ken Geiger '11 won the Pulitzer Prize in 1993 while working for *The Dallas Morning News*. Geiger and William Snyder, an RIT alumnus who is currently the program chairman of RIT's photojournalism program, won in the Spot News Photography category for their images of the 1992 Summer Olympics in Barcelona, Spain. Geiger is deputy director of photography at *National Geographic* magazine. He joined the staff of *National Geographic* in 2004 after 24 years of working in newspaper journalism. Geiger attended RIT in the late 1970s, but left for a job just a couple of classes short of graduating. He was awarded his degree this year.

Stan Grossfeld '73 won two Pulitzer Prizes in 1984 and 1985 while working for *The Boston Globe*. Grossfeld won in 1984 in the Spot News category for his series of photographs revealing the effects of war on the people of Lebanon. In 1985, he earned a Pulitzer in the Feature Photography category for a portfolio of images of the famine in Ethiopia and of illegal aliens on the Mexican border. Grossfeld was also among the finalists for Pulitzers in 1984, 1994 and 1996. Grossfeld was named associate editor of *The Boston Globe* in 1987.

Dan Loh '95 won the Pulitzer Prize in 1999 in the Feature Photography category while working for The Associated Press for his coverage of the Monica Lewinsky scandal. Loh currently works in New York City as a photographer covering wedding, portrait, corporate and editorial assignments.

William Snyder '81 won four Pulitzer Prizes in 1989, 1991, 1993 and 2006, while working for *The Dallas Morning News*. Snyder was honored in 1989 in the Explanatory Journalism category. Snyder was part of a three-person team that reported how the National Transportation Safety Board conducts air-crash investigations following a crash in 1986. In 1991, Snyder won a Pulitzer in the Feature Photography category for his images of ill and orphaned children living in deplorable conditions in Romania. Snyder and Geiger won in the Spot News category in 1993 for their images of the 1992 Summer Olympics in Barcelona. Under Snyder's leadership as director of photography at *The Dallas Morning News*, the staff earned a Pulitzer in 2006 in the Breaking News Photography category for its coverage of Hurricane Katrina. Snyder returned to RIT in 2008 and is a professor and program chair of the university's photojournalism program.

Anthony Suau '78 won the Pulitzer Prize in 1984 for Feature Photography while at *The Denver Post*, for a portfolio of images depicting the tragic effects of starvation in Ethiopia and for a single photograph of a woman at her husband's gravesite on Memorial Day. Suau is an Emmy award-winning photojournalist and author based out of New York. In 2009, he co-founded Facing Change: Documenting America, a collective of 10 prominent American photographers set out to document the U.S. in the enduring economic crisis.

During his acceptance speech, Grossfeld praised the photojournalism students.

"I'm so impressed by your work ethic," says Grossfeld. "We need a real democracy. We need trained observers to tell the real story. You are all going to do far better than me. I guarantee it."

Bonded by their craft and their alma mater, all seven men praised the caliber of the education they received at RIT.

"The years that I spent at RIT really defined my career and my professionalism," Suau says. "What I learned there has stayed with me throughout my career and has had enormous influence on how I work and how I view the world."

Kelly Downs

To see a photo gallery from the event, go to www.rit.edu/news and click on photo gallery archive at the bottom righthand side of the page.

Kelly Downs

Ryne Raffaele

Ryne Raffaele is the new vice president for research and associate provost for outreach programs. He worked at RIT from 2000 to 2009 in different capacities, including as the first academic director of the Golisano Institute for Sustainability and director of the NanoPower Research Lab. He left RIT to become director of the National Center for Photovoltaics at the National Renewable Energy Lab in Golden, Colo., the federal government's central research organization for solar energy development. Here are his thoughts on growing up in Illinois, coming to Rochester the first time and returning to advance the research activities of the university.

I'm taking physics in high school and I'm a senior. A professor from Southern Illinois University came by to talk to our physics class. And he was talking about this new technology that was going to save the world and it was photovoltaic solar cells. After he finished his little talk, he left a stack of scholarship applications in the classroom. I ended up receiving a physics merit scholarship to go to Southern Illinois University. Who would have known some 30 years later that I would become the director of the National Center for Photovoltaics and that a big part of my academic career would be spent doing research on solar cells.

I became a professor at Florida Institute of Technology and was loving life. It was beautiful. We lived right on the ocean. I guess I got a wandering eye or something and started looking around at other opportunities. And a position was open up here so they invited me for an interview. The funny thing was that I remember I was kind of dreading it. It's one thing to think about changing universities but another to actually go through with it.

I was very impressed driving around and seeing the area. Talking to my wife on the phone that night, I said, 'If you didn't know any better, it looks just like where we grew up. It's cornfields and cows and horses and farms and rolling hills.'

I was here for 10 years. I became a full professor, tenured and started a NanoPower Lab. And I got a call from the National Renewal Energy Lab and originally they wanted my recommendations on who would be a good national center director. And the funny thing was that I was really busy so I was unable to connect with the recruiter. When we finally connected, I said, 'Oh well I thought about it and I've got some ideas.' And she says, 'Ironically, we talked to a bunch of people and they all recommend you.'

I go away for two years, I walked across this campus and I'm like, 'You gotta be kidding me.' I mean it is amazing what is going on around here. I told Bill (President Destler) and Jeremy (Provost Haefner), 'I really like what you did with the place while I was away.'

Although we have tremendous challenges (in funding research), I am optimistic about our chances. We have proven the ability to compete and we are actually getting better at it all the time.

We aren't steering the Titanic. We are a little speed boat. It is very maneuverable. If you look at the medical industry and you look at a lot of these federal funding agencies, they are moving toward us. I see tremendous potential.

Student impact—that is what we are really all about here. Why do we do research? To provide opportunities for our students, to improve our educational offerings.

I got a tremendous feeling of nostalgia coming back here. It's almost like going home for Christmas to where you grew up. I've told everybody that in a couple of years from now when I'm in the midst of the normal kind of stress and challenges, just remind me of how I feel now.



Innovation



Former Student Government president Ed Wolf, right, leads fans in a fingerspell cheer at the game, which was sold out for the second straight year.

Homecoming means Fox, fans, fun

Student Government representatives fired questions at award-winning actor and best-selling author Michael J. Fox. What was your favorite role? Did you play the guitar in *Back to the Future*? What is it like to write a book?

But the students became most excited when Fox, who as a child dreamed of a career in the National Hockey League, was asked if he had a favorite college hockey team. “Well, this one,” he said to applause and laughter.

As the Horton Distinguished Speaker, Fox was a highlight of this year’s Brick City Homecoming & Family Weekend, which again was an event for the record books. Weekend attendance was 19,396, an increase of more than 1,600 from last year.

Fox’s talk followed a sold-out performance by comedian Kevin Hart and warmed up the crowd before the nail-biting hockey game at the Blue Cross Arena in downtown Rochester. The Tigers beat St. Lawrence University 6-5 in overtime before an orange-clad

crowd of 10,556.

The game sold out 54 hours before faceoff.

Fox spoke to another sold-out audience of 4,800 at the Gordon Field House about his acting career and Parkinson’s disease. He touched on the same issues with about two dozen Student Government leaders during a special gathering earlier in the day.

His advice to filmmakers: “Make films. Really love it, really live it. Don’t just think of it as something you do but something you are.”

His favorite hockey team: the Boston Bruins. His favorite roles: Alex P. Keaton in *Family Ties* and Marty McFly in *Back to the Future*. He finger-synced the guitar in *Back to*



Michael J. Fox spoke to a sold-out audience. (Photo by A. Sue Weisler)

the Future and “writing a book is like having homework that never gets done.”

Did he keep anything from *Back to the Future*? “I was such a fool. I thought the movie would be terrible so I didn’t save anything,” he said. “But I think I have some stuff from *Teen Wolf*.”

Mindy Mozer



Clockwise from top left: Rochester native and soccer great Abby Wambach signs an autograph for RIT student Sarah Sampson. Josephine Scheidt '59 (business administration) attended the Golden Circle luncheon for alumni who graduated 50 years ago or more. The Presidents' Alumni Ball set a record with 1,004 participants. At the event, the Outstanding Alumnus and Volunteer of the Year were presented with awards. (Read about the winners on page 53.) New to the schedule this year was a tour of RIT's tunnel system for parents and alumni. The weekend included a performance by comedian Kevin Hart. More than 400 people participated in the Brick City 5K Run and Walk, including students, from left, Sharmini Baskaran, Syza Amalina Mustapha, Nur Faseeha Suhaimi, Nur Ily Alyea Azman and Nur Nabiha Zulkarnain. To see more photos from the weekend, go to www.rit.edu/brickcity. (Photos by Ken Huth '88, A. Sue Weisler and Peter Haggerty)



The Year in Review

The health of a university can be measured in many ways. Here is a snapshot of some key metrics illustrating progress at RIT.

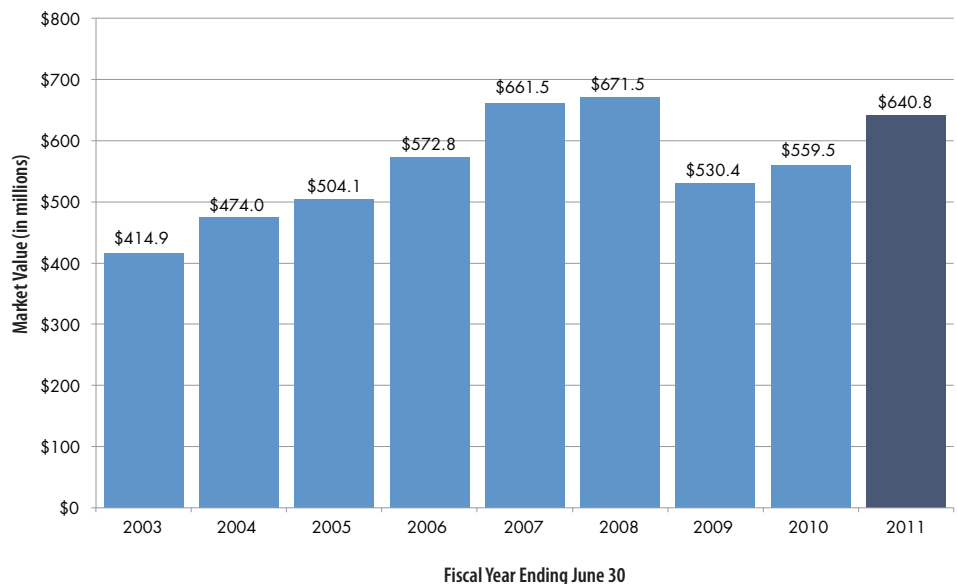
2010-2011 highlights

- RIT broke ground on a state-of-the-art green facility for its Golisano Institute for Sustainability in April. The building, which is scheduled to open next fall, will serve as a center for sustainability research, technology transfer, education and outreach.
- The university established the Institute of Health Sciences and Technology this fall as part of an alliance with Rochester General Health System. The College of Health Sciences and Technology, RIT's ninth college, is one of three components of the institute.
- Gerard Buckley '78 (social work) became NTID's first graduate to serve as its president on Jan. 1. He is the sixth head of NTID and the third deaf individual in the leadership role.
- RIT opened a second branch of its American College of Management and Technology in the Croatian capital city of Zagreb this fall. The new campus joins the college's existing campus in Dubrovnik.

A Balanced Budget

Total Revenue	\$641,100,000	Total Expenditures	\$641,100,000
Tuition and Fees	60.2%	Instructional	23.7%
Government Appropriations	0.1%	Academic Services	3.6%
Unrestricted Endowment Earnings	1.7%	Student Services	2.8%
Other Sources	3.5%	National Technical Institute for the Deaf	13.5%
Restricted and Other Sponsored Projects	8.6%	Restricted and Other Sponsored Projects	8.6%
Unrestricted Gifts	0.1%	Institutional Support	11.5%
National Technical Institute for the Deaf	13.5%	Facilities Management Services	2.7%
Auxiliary Enterprises	11.8%	Debt Service-Educational Plant	1.7%
Student Government	0.5%	Student Aid	19.6%
<i>Total Revenue</i>	<i>100%</i>	Auxiliary Enterprises	11.8%
		Student Government	0.5%
		<i>Total Expenditures</i>	<i>100%</i>

RIT Endowment

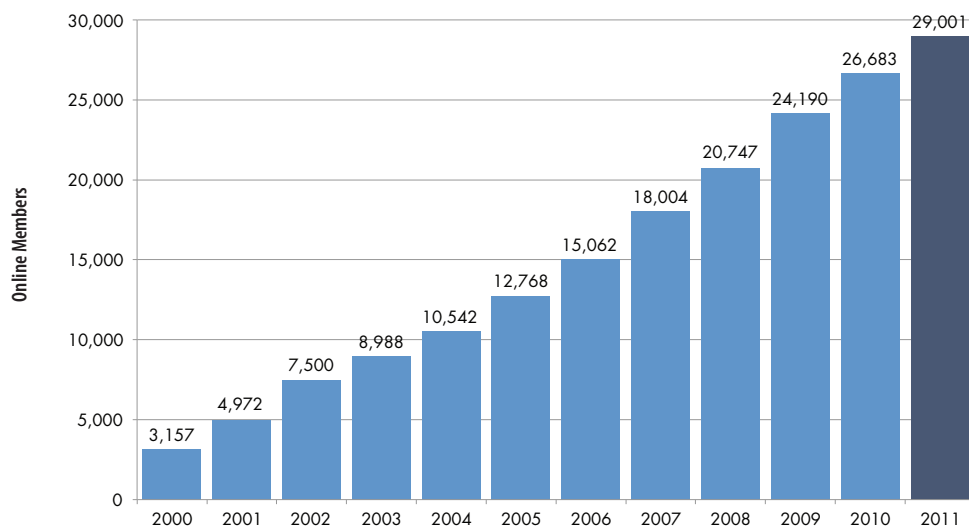


RIT's endowment grew in fiscal year 2010-11 to \$640.8 million. This continues the positive growth followed by unprecedented decline in the capital markets during fiscal year 2008-09.

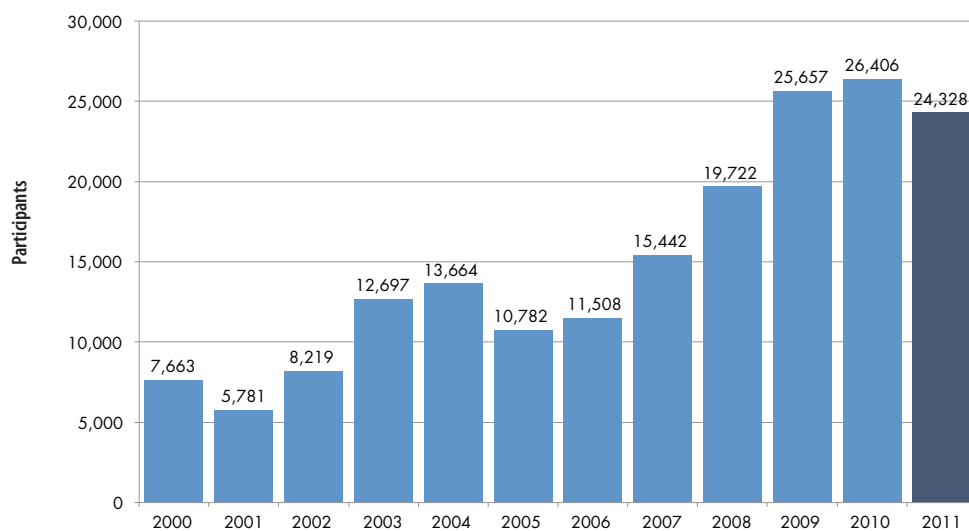
Alumni

Online Community Membership

To join, go to www.alumniconnections.com/rit/



Total Number of Event Participants



There are more than 400 events annually, including regional chapter, affinity, college-based and reunion events.

RIT Alumni Chapter Populations

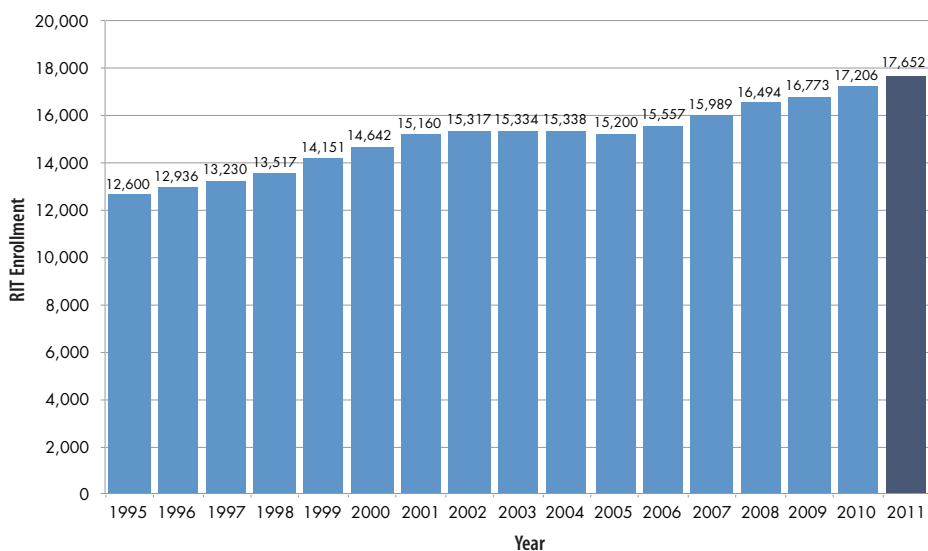
Albany, N.Y.	2,095
Atlanta	1,218
Austin/San Antonio	670
Boston	4,202
Buffalo	3,078
Central Florida	2,601
Charlotte, N.C.	883
Chicago	1,493
Cincinnati	566
Cleveland/Akron	704
Colorado	1,143
Dallas/Fort Worth	752
Detroit	689
Houston	468
Los Angeles	1,259
New York City	7,089
Philadelphia	2,499
Phoenix	992
Pittsburgh	775
Raleigh-Durham	1,110
Rochester	32,858
San Diego	1,006
San Fran./San Jose	1,734
Seattle	842
South Florida	1,304
Syracuse	2,963
Utica/Rome	768
Washington, D.C.	4,684

Enrollment

2010-2011 highlights

- The university opened a world-class facility to house the entire archive of renowned designers Massimo and Lella Vignelli in September 2010. The Vignelli Center for Design Studies is adjacent to James E. Booth Hall.
- Global Village, RIT's newest residential and commercial complex, opened in the fall of 2010. The \$57 million project includes suite-style housing and about 24,000 square feet of commercial and retail space.
- In October 2010, entrepreneur E. Philip Saunders committed \$5 million to the E. Philip Saunders College of Business and challenged alumni and friends to raise \$15 million in additional funds to expand the school's facilities, enhance technologies, create three endowed professorships and offer six graduate fellowships a year.
- In November 2010, RIT launched a campaign to build a new ice arena. It hopes to capitalize on the men's appearance in the 2010 NCAA Division I Frozen Four and the women's appearance in the 2011 NCAA Division III national championship game. For more information on Tiger Power Play—The Campaign for RIT Hockey, go to www.rit.edu/powerplay.

Enrollment History

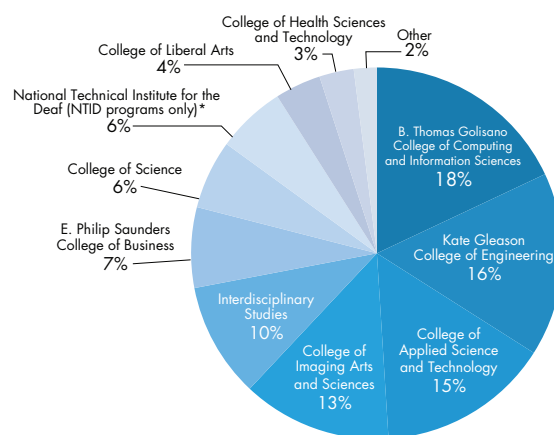


Applications

Applications for admission to RIT continue to rise with freshman and graduate student applications setting all-time records. Total applications to RIT in the past year number 26,552—an increase of 11 percent over the prior year.

	Number of applications received	Change from 2010
Freshman	17,403	+2,092 (14%)
Transfer	3,889	+315 (9%)
Graduate	5,260	+254 (5%)
Total	26,552	+2,661 (11%)

Enrollment Distribution Among RIT's Colleges

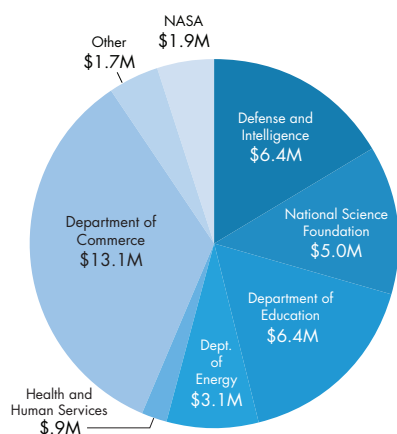


Note: Other includes students enrolled in the Golisano Institute for Sustainability, Academic Services and the Wellness Instructional Program. Included above is a total of 1,198 students enrolled in RIT's international campuses in Kosovo, Croatia and Dubai.

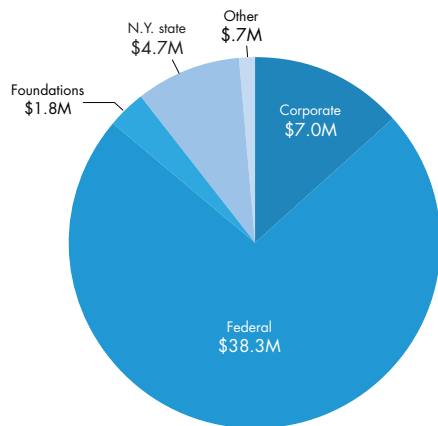
* 535 additional deaf and hard-of-hearing students are cross-registered and pursuing degrees in other colleges of RIT with NTID support.

Research and Gifts

FY11 Research Awards from Federal Sponsors

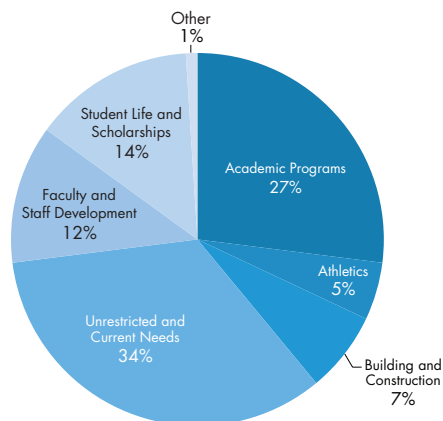


FY11 Research Awards by Funding Source Type

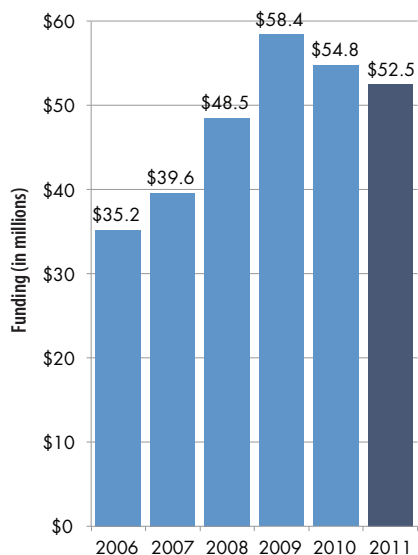


FY11 Gift Distribution

Total support: \$29 million



Value of Research Awards



FY11 Research Awards by College

College	(in millions)
College of Applied Science and Technology	\$1.1
B. Thomas Golisano College of Computing and Information Sciences	\$1.6
College of Imaging Arts and Sciences	\$3.2
College of Liberal Arts	\$1.2
E. Philip Saunders College of Business	\$0.2
Kate Gleason College of Engineering	\$6.2
College of Science	\$8.4
Golisano Institute for Sustainability	\$19.1
National Technical Institute for the Deaf	\$8.5
*University-wide units	\$3.1

* Includes Academic Affairs, Student Affairs, Government and Community Relations and Enrollment Management and Career Services.

RIT tallies record year for research proposals

An intensely competitive landscape for available funding did not deter RIT's growing research community from requesting its share during the recently completed fiscal year.

During fiscal 2011, RIT submitted a record 653 proposals for external research funding to a variety of federal, state, corporate and foundation sponsors—up from 647 proposals in the previous 12-month period. RIT has achieved a 32 percent increase in its volume of funding requests over the past five years.

"RIT is committed to enhancing faculty participation in research to both expand opportunities for funding and to properly address the challenging economic and budgetary environment," says David Bond, director of Sponsored Research Services.

The university received a total of \$52.5 million in funding during the most recent period, a decline from \$54.8 million the previous year.

The largest sponsor of research at RIT is the federal government, which accounts for \$38.3 million of awards received during fiscal 2011. This includes a \$13.1 million grant from the National Institute of Standards and Technology supporting construction of a new research building for RIT's Golisano Institute for Sustainability. It is the largest construction grant awarded by NIST in 2011 and becomes the largest competitive federal award in the university's history.

It's much more than a donation. It's my legacy.



“I want to be remembered for providing the cornerstone for others’ dreams.”

For many of us, RIT is where the cornerstones of our lives and our dreams were laid. It represents the transition from planning the structure to making it come to life — proof that a dream is becoming a reality. One of the greatest pleasures in my life comes from knowing that I can help set a cornerstone for others. By naming RIT in my will, I am committing resources that will one day allow my legacy to grow the seeds of another generation of dreamers.

The plan I put in place today will provide the means for future RIT students to follow their dreams.

— Greg Fagen '96, *E. Philip Saunders College of Business*

For more information about how you can include RIT in your estate plans, contact Robert Constantine, Director of Gift Planning for a confidential conversation. Call 1-800-477-0376 or email robert.constantine@rit.edu.

To learn more about planned giving at RIT, visit www.rit.planyourlegacy.org

Planned Giving  at RIT **R·I·T**

Small chips, **big impact**

Microelectronic engineering celebrates 30 years

The smaller the computer chip, the larger the network of RIT graduates developing the powerhouse devices.

More than 1,000 RIT microelectronic engineering alumni are working in prominent semiconductor companies on the smallest of chips being incorporated in products from cars and computers to mobile phones and medical equipment.

Shortly after graduating from RIT's program, Patrick Chan '10 became one of those hires. The former electrical engineer from Eastman Kodak Co. was among a group of employees whose positions were eliminated, so he began looking for a new career path.

After classes and a co-op at Johns Hopkins Applied Physics Laboratory, he was recruited by Tokyo Electron Ltd., where he is an etch systems process engineer at the company's site in Malta, N.Y. He provides the quality control and improvements for the equipment being built for computer chip manufacturers. "I felt microelectronics is more of an extension of my electrical engineering experience," Chan says.

He is now part of one of the country's fastest growing industries, a promising model for economic development in New York state and the U.S.

Microelectronic engineering at RIT celebrates 30 years in January. Since the program began in 1982, microelectronic engineering graduates have been placed in companies that are synonymous with the semiconductor industry: Texas Instruments, Intel, IBM, Micron and Samsung, for example.

Many are now in the managerial and executive ranks, says Robert Pearson, department head of microelectronic engineering. He adds that Chan's supervisor in the Etch Process Group is Daniel Morvay, who received a bachelor's degree in microelectronic engineering from RIT in 1991.

In its earliest years, the semiconductor industry was predominantly in research mode, but this has shifted to a balance between research on developing smaller but even more powerful chips, and toward manufacturing the millions of chips needed for a wide range of products, says Lynn Fuller '70, '73, professor of electrical and microelectronic engineering, who established RIT's microelectronic engineering undergraduate



Patrick Chan '10 entered RIT's microelectronic engineering program to become part of one of the country's fastest growing industries. He now joins more than 1,000 alumni in the field. (Photo by A. Sue Weisler)

program in 1982.

Fuller, a former department head, also built its graduate degree program and oversaw the construction of the department's Semiconductor and Microsystems Fabrication Laboratory. "Now the need is for engineers to create the manufacturing processes that are used by these industries," he says. "That's where RIT comes in."

RIT's program is a known quantity in the industry, Fuller adds. While other universities have adapted coursework to cover semiconductor processes and development, often these are only electives within an electrical engineering program. It is at the graduate level that most universities concentrate their specific microelectronic programming. RIT's undergraduates have classroom, cleanroom and co-op experiences giving them an edge, and it is an industry where demand outweighs supply.

"Companies look for students who understand the entire process. They may work in one specific area when they are hired, but they understand how it links up with all the other aspects of the process—from design to fabrication to test to manufacturing," Fuller says.

A graduate's career ladder may involve several years in the etching or lithography

area followed by advancement to process integration engineers. The industry is not that old, he adds, with the first chips being used in the 1960s. "Granted there are a lot of changes. We have gone from things you can make in your kitchen to microchips that have 32 billion transistors," he says. "But the job itself is still the same."

Early prototypes had 2,000 transistors embedded; today, electronic signals are processed by more than 1 billion. Researchers continue to stretch and challenge that capacity. The future of the industry is in its development of new devices and use of a wider range of materials to develop the computer chips, says Fuller.

Chan had industry and corporate experience before coming to RIT. He used to design circuitry on printed circuit boards working as an electrical engineer at both Kodak and GCA Corp. Chan pursued graduate courses to acquire skills in the latest trends specific to the semiconductor industry.

"The amazing thing is, this industry encompasses many disciplines of the physical sciences," Chan says. "I feel lucky to be a part of this technology even though I play a very small part in the big scheme of things."

Michelle Cometa '00

Regional Alumni Activities

Events are being planned in all cities. Check www.rit.edu/alumniactivities for details.

Atlanta

Alumni, students and parents enjoyed dinner and dialogue with RIT's Vice President of Diversity and Inclusion Kevin McDonald on Aug. 21 at Atlanta Fish Market.

Boston

Alumni and friends enjoyed a private tasting of Harpoon Brewery's finest on Oct. 27. Thanks to host **Tim George '08**.

Charlotte, N.C.

Alumni and friends enjoyed a dinner cruise on the Catawba Queen on Lake Norman Oct. 1.

Connecticut

Alumni and friends cheered on the Bridgeport Blue Fish on Aug. 27 at a pregame reception and baseball game.

Dallas/Ft. Worth

Dallas/Fort Worth-area alumni gathered at the new Cowboys Stadium for a VIP stadium tour and lunch on July 30. Special thanks to alumni hosts **Jennifer Neary '99** and **Scott Saldinger '91**.

Houston

Alumni and guests enjoyed dinner at the Melting Pot of Houston on July 31. Interested in being an alumni chapter volunteer in Houston? Contact the Office of Alumni Relations at 585-475-2586.

Maine

Alumni and friends enjoyed a night of friendly competition on the lanes at Bayside Bowl on Oct. 28.

New York City

RIT once again took in an exciting day of tennis at the U.S. Open on Sept. 11.

- Thanks to all NYC area alumni who gathered to meet the incoming class of RIT students from the metro area at Murphy & Gonzalez on Aug. 18.

Rochester

Thanks to all RIT alumni who participated in this year's inaugural alumni golf league. If you are interested in joining next season, contact Dan Christner at dtcdar@rit.edu.

On Aug. 8, a sold-out group of alumni and friends enjoyed a day-trip to the Shaw Festival at Niagara-on-the-Lake for a performance of *My Fair Lady*.

Alumni and their families enjoyed a summer day at Seabreeze Amusement Park on Aug. 20.

Rochester-area alumni enjoyed a day of wine tasting on Seneca Lake

on Aug. 21. Special thanks to alumni hosts **Rita Haschmann '79** and **Shirley Murphy '81**.

Hundreds of RIT faculty, staff and alumni welcomed the incoming class to RIT during the annual Tiger Walk event prior to convocation. Thanks to all who participated.

Alumni and families enjoyed a kids cooking class on Sept. 17 as part of the Wegmans Culinary Kids program.

More than 125 alumni enjoyed beautiful views and wine tasting aboard the Canandaigua Lady on Sept. 24. Special thanks to host **Shirley Murphy '81**.

Alumni and guests enjoyed an evening of Oktoberfest beer and food at Lovin' Cup on Oct. 26. Special thanks to hosts **Susan Shanks '97**, **Terry Palis '77** and **Alina Palis '79**.

Alumni prepared for the holiday season at the Pittsford Wegmans during the Party Starters Cooking Class. Special thanks to alumni hosts **Sharyn Duffy '87** and **Shirley Murphy '81**.

Alumni, students and parents enjoyed dinner and dialogue with RIT's Vice President of Diversity and Inclusion Kevin McDonald on Aug. 25 at P.F. Chang's.

- The inaugural RIT AALANA Golf Outing was held at Brockport Country Club on July 9. The day started with a buffet breakfast followed by a program updating AALANA (African American, Latino American, Native American) efforts on campus. **Howard Ward**, Student Auxiliary Services; **Terry Walker '10**, Facilities Management Services; **Johnnie Rolling**, Facilities Management Services, won the tournament. Longest drive went to **Axel Honorat '80, '98** and closest to the pin went to **Howard Ward**. A special thanks to alumni host **Tim McCauley '99**.

A sPRITed group of more than 20 alumni volunteered at Foodlink, the Rochester-area food bank, on Sept. 10. Special thanks to alumni host **Bob Snyder '56**.



San Antonio

Alumni and guests enjoyed dinner at the Melting Pot of San Antonio on July 28. Interested in being an alumni chapter volunteer in San Antonio or Austin? Contact the Office of Alumni Relations at 585-475-2586.

Singapore

Alumni in Singapore got together for dinner on July 13 at Café Swiss. Special thanks to alumni hosts **Howard Wang '81** and **Gilbert Ong '02, '05**.

Thailand

Alumni in Bangkok gathered for dinner on Sept. 28 at L'Espace at Siam Paragon. Special thanks to alumni hosts **Benjama Olarnsakul '90** and **Mark Fischer '89**.

Taiwan

Alumni in Taipei gathered for dinner on Sept. 21 at The Dragon in the Sheraton Taipei Hotel. Special thanks to hosts **Chih-Tsung Chang '94** and **Sonja Phongsavanh**.

Washington, D.C.

RIT alumni enjoyed an afternoon kayak tour on the Potomac on Oct. 1. Special thanks to **Kevin Sheldon '02** and **Phil Jones '02**.

Alumni enjoyed an evening of sailing on Annapolis Harbor on July 30. Thanks to hosts **Ken Rachfal '71** and **Victoria Griffith '93**.



Megan Cheever; Candi Boston '09; Jon Rodibaugh; James Macchiano '06, '09; and Dan Christner '07 are your contacts in the Office of Alumni Relations for regional alumni activities. Contact them toll free at 1-866-RIT-ALUM.

ALUMNI CHAPTER PROFILE

Meet Dallas/Fort Worth



Alumni at the Dallas Cowboys Stadium earlier this year.

In 2006, Scott Saldinger '91 (film and video) attended an RIT alumni event in Los Angeles where he met Jennifer Lindstrom Neary '99 (hotel management).

Saldinger enjoyed the event, so when he moved to Dallas later that year, he connected with his new alumni chapter and attended a cooking demonstration.

"And who did I run into," Saldinger says. "Jennifer was there. She had moved a couple of weeks earlier from California to Dallas."

It turned out that the Dallas/Fort Worth chapter needed a leader, so Saldinger and Neary decided to work together to plan activities for the more than 700 alumni in northern Texas.

"We are doing things to bring the community closer together," Saldinger says. Events include an annual potluck family picnic that in recent years has been held on a catamaran (the one last summer was complete with Rochester-based Zweigle's hotdogs), an evening of baseball with the Texas Rangers and a tour of the Dallas Cowboys Stadium.

"Scott and I are just trying to create impactful and memorable events so we continue to grow the chapter," says Neary, who works for Marriott. "You are meeting people from a common background. It makes you feel like you are back home."

Their outreach has paid off. Saldinger, an account manager for NBC, says he was wearing an RIT shirt in a Costco recently when an alumnus stopped him.

"So you're the guy on the e-mails," the graduate said.

Saldinger wasn't surprised to meet another Tiger.

"Immediately we have that connection," he says. "These Texas schools don't have what we have at RIT."

For more information about the chapter, contact Saldinger at sws724@verizon.net or 210-872-1495 and Neary at Jennifer.m.neary@marriott.com or 817-637-2900.

College Alumni Programs

In addition to regional activities for all alumni, your college also supports special programming designed for you and fellow graduates of your department and college. Check out upcoming events posted to your college's alumni Web page, and check in with your college's Alumni Relations contact. We love to hear from you!

Your direct connection:

College of Applied Science and Technology

www.rit.edu/alumni/cast

Katie Coyne

585-475-4975, kxcdar@rit.edu

College of Health Sciences and Technology

www.rit.edu/alumni/chst

Lauren Sauer

585-475-5979, lmsdar@rit.edu

College of Imaging Arts and Sciences

www.rit.edu/alumni/cias

Ron Goldberg '99, '00

585-475-3112, ron.goldberg@rit.edu

College of Liberal Arts

www.rit.edu/alumni/cla

Talya Meyerowitz

585-475-4283, txmdar@rit.edu

College of Science

www.rit.edu/alumni/cos

Lauren Sauer

585-475-5979, lmsdar@rit.edu

B. Thomas Golisano College of Computing and Information Sciences

www.rit.edu/alumni/gccis

Tandra Miller

585-475-6908, tandra.miller@rit.edu

Kate Gleason College of Engineering

www.rit.edu/alumni/kgcoe

Jasmine DiSalvo

585-475-5045, jasdar@rit.edu

National Technical Institute for the Deaf

www.rit.edu/alumni/ntid

Matthew Driscoll SVP '90, '94

585-286-4579, matthew.driscoll@ntid.rit.edu

E. Philip Saunders College of Business

www.rit.edu/alumni/scb

Melissa Ellison

585-475-2354, mamdar@rit.edu



Alumni who work at Hasbro in Providence, R.I., posed for a photo Aug. 3 with Mr. Potato Head. This was the first alumni event at the company.

New director for CAST alumni

The new academic year brought several new faces to the College of Applied Science and Technology, including **Katie Coyne**, director of Alumni Relations.

With experience in marketing at organizations as diverse as Key Bank and Heluva Good Cheese, Katie has immersed herself in the culture of CAST. If you didn't meet her at one of the recent receptions hosted at industry expos or at the many Brick City Homecoming & Family Weekend activities, be sure to introduce yourself soon. Katie can be contacted at kxcdar@rit.edu.

CIAS summer photo workshops a hit

After a 21-year hiatus, summer photo workshops were held on the RIT campus again. From video storytelling to digital workflow, the summer photo workshops provided creative and technical opportunities for all levels of photographers.

One of the workshops, led by Professor **William Snyder '81**, gave 12 students ages 14 to 19 the opportunity to understand the life of a photojournalist. With instruction from

Professor Emeritus **Gunther Cartwright** and **Frank Cost '86** among others, the students learned about digital photography and produced an 80-page book of photos to show off their skills.

We are already organizing next summer's offerings. Let us know what you would like to see included by sending an e-mail to mtmpph@rit.edu.

CMS Student Alumni Society grows

The Center for Multidisciplinary Studies is pleased to welcome **Talya Meyerowitz**, a new associate director of Alumni Relations.

Talya joins the center with a wealth of knowledge about alumni relations and she is eager to engage the community, especially the CMS Student Alumni Society. She knows the society has a long history of keeping graduates connected, and she looks forward to working with alumni society leaders, including staff liaison **Donna McGowan-Smith '95**, to support new and creative ways to reach out to alumni, both locally and in other areas.

Introduce yourself by e-mailing txmdar@rit.edu.



Professor Neil Hair of the Saunders College of Business with former students Michelle Girard '08, Jason Cicchelli '01 and Ben Harris '07 in New York City. Hair spoke about personal branding at an alumni gathering earlier this year.

A new tradition for Liberal Arts

College of Liberal Arts graduate student assistant **Bailey Smith** launched the new Welcome Back Bash on Sept. 15.

Bailey says she wanted to create a student-run event to show CLA pride and create more cohesiveness between the diverse departments. The bash drew faculty, staff and students who celebrated the beginning of the 2011-2012 academic year. It was such a success that it is expected to become an annual event with alumni.

Talya Meyerowitz, a new associate director of Alumni Relations, now supports the College of Liberal Arts. Talya is working to strengthen the Liberal Arts alumni base through outreach and creative programming. Share your ideas with Talya for encouraging alumni to return to campus and facilitating connections among Liberal Arts alumni. E-mail her at txmdar@rit.edu.

College of Science's future alumni

The College of Science is proud of the students who participated in RIT's annual Student Research and Innovation Symposium on Aug. 12.

Bioinformatics major **Luticha Doucette** has been paralyzed and in a wheelchair since she was 2 years old. Luticha, a Rochester native, and **David Olney**, a third-year chemical engineering student, have come up with a way to wirelessly guide a motorized wheelchair using a Smartphone or mobile device.

Luticha and David are just two of the more than 200 undergraduate students—all researchers and innovators—who presented their work at the symposium, one of the largest and most distinguished events of its kind.

RIT's ninth college begins

The College of Health Sciences and Technology has officially become RIT's ninth college.

Existing programs such as the physician assistant (B.S./M.S.), diagnostic medical sonography (B.S. and certificate program), biomedical sciences (B.S.), clinical chemistry (M.S.), nutrition/management (B.S.), health systems administration (M.S.) and medical illustration (M.F.A.) have successfully moved over to the new college.

Alumni who graduated from these programs are supported by new associate director of Alumni Relations **Lauren Sauer**, who also supports alumni of the College of Science.

Contact Lauren about programs or activities at lmsdar@rit.edu.

Golisano College students meet alumni

One of the many objectives of RIT's honors program is to help develop lifelong relationships and talents. Honors students at the B. Thomas Golisano College of Computing and Information Sciences did just that on their recent trip to Philadelphia.

The three-day trip in early October kicked off the school year for 36 students traveling with staff chaperones. Alumni volunteers at start-up companies as well as international conglomerates proved to be inspirational hosts. We extend a special thanks to **Jason Cavett '06**, software engineer at The SI Organization Inc.; **Russ Zumwalt '05**, manager at Oracle Corp.; **Derek Mansen '10**, engineer at RJMetrics; and **Mark Weil '10**, co-founder and software engineer at Cloudmine. The alumni gave tours of their workplaces and spoke about their journey to the workforce.

Happy anniversary, Formula SAE Racing

This year marks the 20th anniversary of the RIT Formula SAE Racing team on campus.

The team hosted alumni, family and friends to kick off the milestone year during Brick City Homecoming & Family Weekend and will host a year-end reception during Imagine RIT on May 5.

Mark your calendars to watch as the team unveils its new car for the upcoming race season.

The RIT student chapter of the Society for Women Engineers (SWE) and members of the Women in Engineering program (WE@RIT) traveled to Chicago for the SWE National Conference. While there, they hosted RIT engineering alumnae for a networking reception.

NTID students transition to college

More than 260 incoming RIT/NTID first-year students from 39 states participated in the annual Summer Vestibule Program (SVP), which began Aug. 20.

The 10-day summer program provided students with the opportunity to sample a variety of degree programs, take placement exams and learn about student life opportunities.

The transition to college life does not stop after SVP, as students continue through NTID's First Year Experiences (FYE) program, developing critical skills vital to the success of their academic studies such as stress/time management, conflict resolution, and community service.

"The program has been very successful, and the feedback we receive from students who participate in the program every year has been positive," says **Amy Stornello '96**, SVP/FYE manager.

SCB renews its call for alumni coaches

Would you like to develop your coaching and leadership skills while helping students develop theirs? If so, the Saunders College of Business wants you for its Coaching & Leadership Program.

Launched in March 2010, this one-day program is split into two parts: a coaching workshop for alumni, led by an experienced coach and teacher, followed by the observation and coaching of students as they work on a series of activities.

More than 100 freshman students are anticipated to sign up for the next coaching day, set for Jan. 27. A coaching day for juniors is also in the works. For more information, go to <http://saunders.rit.edu/coaching> or contact **Dana Pierce** at dpierce@saunders.rit.edu or 585-475-2199.

Class Notes

Key to abbreviations

CAST College of Applied Science and Technology

CCE College of Continuing Education (now CAST)

CIAS College of Imaging Arts and Sciences

CLA College of Liberal Arts

CHST College of Health Sciences and Technology

SCB E. Philip Saunders College of Business

KGCOE Kate Gleason College of Engineering

COS College of Science

FAA Fine and Applied Arts (now CIAS)

GAP Graphic Arts and Photography (now CIAS)

GCCIS B. Thomas Golisano College of Computing and Information Sciences

NTID National Technical Institute for the Deaf

SVP NTID "Summer Vestibule Program"

1933

Clarence Wilson '33 (KGCOE) writes, "This past spring, I celebrated my



100th birthday with my family: my son, Charles; his wife, Mary Ann Wilson; and their three daughters and five great-grandchildren. I graduated from RIT (a different name back then) during the depression years, in the engineering class of 1933. I was a member of the co-op program and spent the majority of my working years at Eastman Kodak Co., Rochester. I'm looking forward to my 101st birthday."

1960

Frank Gubernat '60 (CIAS) exhibited 10 pieces of his artwork with the ARTsee Artist Group at the Farmstead in Basking Ridge, N.J., in October.

Russell Heuer '60 (CIAS) writes, "It all started in 1957 at RIT when my roommate, **Frank Komanecky '60 (CIAS)** introduced his hometown friend from Auburn, N.Y., to me in front of the men's dorm, adjacent to the original downtown campus on Main Street in Rochester. The romance started



then and on April 8, 1961, Johanne O'Donnell and I were married. We now live in Haslet, Texas. I retired from a career in telecommunications as marketing communication manager."

1961

David Adams '61 (KGCOE) writes, "It has been years since I have spoken to any of my classmates. Currently, I'm on sabbatical from Manhattanville College where I'm an associate professor of management. Julie and I live on a boat in Stamford, Conn., and we own a multi-unit in Newport, R.I. If you want to contact me, my e-mail is adamsd.28@gmail.com. It would be great to establish contact with any of my 'old' classmates and I hope to hear from you."

Leslie Greenberg '61 (CIAS) is president of his local Community Emergency Response Team (CERT) and a Volunteer in Policing (VIPS) and was presented with a certificate of appreciation by the Prince George's (Md.) Citizen Corp. Council, a local unit of the Federal Emergency Management Agency.

William (Bill) Herndon '61 (CIAS) and **Nancy Gillispie Herndon '61 (CIAS)** celebrated their 50th wedding anniversary on July 4 with their two daughters, Jeanine and Cynthia, and families and five grandchildren.

1962

Bruce James '62 (CIAS) retired as chairman of the Board of Regents of the N.I.H. National Library of Medicine in June and has been named to the U.S. Comptroller General's Advisory Board in Washington for the Government Accountability Office. He remains chairman of the Nevada System of Higher Education task force for the future of community colleges, director of the Nevada Policy Research Institute and the governor's appointee to the Board of the Davidson Academy for Profoundly Gifted Children.

1967

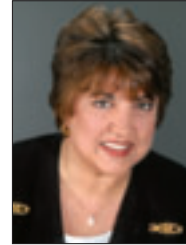
Eugene Rosa '67 (SCB) has been awarded the Boeing Professorship in Environmental Sociology at Washington State University. He simultaneously holds the Edward R. Meyer Professorship



in Natural Resource and Environmental Policy in the Thomas S. Foley Institute for Public Policy and Public Service, also at Washington State University. He is concurrently a visiting scholar at the Woods Institute for the Environment at Stanford University.

1970

Dianne Farr Westbrook '70 (SCB) is a Florida licensed interior designer and was recognized for winning two South East Builders Conference Aurora Awards at a black-tie event on July 23 in Orlando, Fla.



1971



Robert Kiss '71 (CIAS) released a new book, *Barbados Chattel Houses*, in October containing black and white photos of more than 100 chattel houses and Professor Henry Fraser's text.

1973

Frank Poole '73 (CIAS) was interviewed by Connecticut Public Radio as part of a story on the partial deconstruction of a bowling alley in the basement of a firehouse built in 1934 that he renovated into a studio. To see the story, go to <http://bit.ly/pxm8TG>.

William Rahn '73 (CAST) is commander of the Pittsford Rayson Miller American Legion Post 899 and was awarded the Monroe County American Legion's Humanitarian of the Year Award on June



4 at the annual American Legion Convention. He is an Eastman Kodak retiree and Navy veteran.

Barry Roth '73 (CIAS) and **Jeff Sakoff '73 (CIAS)** have been working on a new publishing project called "Overpass," a visual dialog utilizing mobile communication applications. **Anthony Armato '73 (CIAS)** is a consultant for the project.

Toby Thompson '73 (CIAS) received a painting award in an all-Florida open juried show at the Manatee Art Center. He also was invited to exhibit four works in a small works show at Bolivar Art Gallery in Sarasota, Fla. This is the award-winning painting.



Kathryn "Kitty" Lawrence '73 (CIAS) is an independent graphic designer and founder of Kitty Lawrence: Digital Imagery and Design. In October, she celebrated 13 years of helping her clients achieve their communication objectives. Her design work has yielded more than 40 local, national and international awards. Contact her at www.kittylawrencedesign.com.

1974

James Riche '74 (CIAS) accepted a position as executive producer at



Ntropic in Santa Monica, San Francisco and New York City. Riche is heading up visual effects in all three offices. He will be working on TV commercial

and some feature films, including the remake of *Total Recall*.

Kurt Hertzog '74 (KGCOE) retired after 35 years as an engineer and manager in the electronics and automotive industry. He has continued his woodturning and teaching into his retirement. He writes two regular feature



columns for *Woodturning Design* magazine. He was recently elected as a member of the board of directors for the American Association of Woodturners. www.kurthertzog.com.

1976

Richard Feller '76 (CLA) is president of Strategic Educational Initiatives Inc., an educational consulting company. Feller was elected to five consecutive terms serving 21 years on the Monticello Central School District Board of Education and has served on the Mid-Hudson School Study Council as a member of the executive committee. He was elected to three terms to the New York State School Boards Association Board of Directors. He currently serves on the New York State Education Department Professional Standards and Practices Board for Teaching.

Deborah Kinahan '76, '88 (SCB) retired at the end of 2009 after 32 years with the Defense Contract Audit Agency. Her final assignment was as a financial liaison adviser to the Air Force Research Laboratory at Kirtland Air Force Base in Albuquerque, N.M.

1977

Linda Cook DeVona '77, '78 (CIAS) signed up for a half-season at the Hamilton, N.Y., Farmers Market, selling her line of Farmhouse Greetings' note cards and calendars.

1978

Leslie Simmonds '78 (CAST) is an associate professor of business, management and real estate at Valencia College and an adjunct professor of business and management at Belhaven University.

Donney Drennon-Gala '78 (CLA) has been appointed to associate professor of criminal justice and education at Martin Methodist College. During the 2010–2011 academic year, he was assistant professor of criminal justice. He developed two courses that were approved, Research in Criminal Justice and Multicultural Education, which he is teaching this fall. He retired from government service in 2008 after nearly 28 years.

1979

Gary Leenhouts '79 (SCB) accepted a position at University of Rochester, Center for Health and Behavioral Training, as an analyst/programmer. He previously worked at LANtec of Louisiana as an applications instructor.

Richard Warshof '79 (SCB) was recognized by New York Community College Trustees NYCCT with the 2010/2011 Trustee Leadership Award for "extraordinary service to Monroe Community College," where he has been serving as a trustee since 2005.

Glen Barry '79 (CIAS) writes, "At the end of 2010, I left my employment with Westchester County. In 25 years of working there, I was a computer specialist for two divisions of government. I hope to continue in the computer industry, keeping photography and imaging study as a hobby. I might try to establish a small business, selling photography and related photo services."

1981

Kenneth Dunner '79, '81 (COS) was promoted to research laboratory coordinator within the Department of Cancer Biology at the University of Texas MD Anderson Cancer Center in Houston.

Anthony Marzo '81 (SCB) and Christopher Pong are proud to announce the completion of the adoption of their son, Christopher Anthony Marzo-Pong. Marzo adopted him in April at the age of 2. This followed an earlier international adoption by Pong.



Marzo recently closed his law office to become a stay-at-home dad.

Gale Bram Gand '81 (CIAS) was asked by Chicago's mayor to create the dessert for the Welcome Dinner when Chinese President Hu Jintao visited Chicago in January 2011. In addition, her Passover dessert recipes were published on the White House website. The Cooking Channel has started to air her show, *Sweet Dreams*, and she was a guest judge on an episode of Food Network's *Last Cake Standing*. She has accepted a new position as the chef-in-residence at historic Elawa Farm in Lake Forest, Ill.

1982

Judith Krinski '81, '82 (CIAS) published her first children's book, *Vanilla Gorilla: Animal Art & Poems*. The book, a compilation of full-color collage art animals with whimsical poems written by David Harrow, can be purchased through www.authorhouse.com. She lives in Quincy, Mass., with her teenage son and is principal of Krinski Design, a graphic design and marketing firm servicing nonprofit organizations throughout greater Boston.



Alan Church '82 (CAST) engaged in his own civil engineering practice in Armour, S.D., and recently became the daddy of Amanda, who was born July 10. Church and his wife, Melanie, now have two boys and two girls.

1983

Allison Taylor '78, '83 (SCB) was awarded a Doctor of Public Health degree from the University of Alabama at Birmingham in May and has accepted the position of senior epidemiologist at the Tennessee Department of Health in Nashville.



Oliver Cannady '83 (CAST) retired after 35 years of service to Allstate Insurance Co.

Jonathan White '83 (CIAS) is both the curator and a participating artist in the seventh exhibition of "A Fraternity of Artists," featuring student and alumni artists from the Alpha Epsilon Pi Fraternity from RIT and other chapters.

The exhibition is opening on Jan. 6 and runs until Feb. 17 at 1570 Gallery at the Valley Manor Apartments, 1570 East Ave., Rochester.

Daniel Bean '83 (CIAS) enjoys being part of an 18-piece big band with singers from the Fox Valley Area. Check the band out on YouTube at <http://www.youtube.com/watch?v=8usvDpGQDDc>.

1984

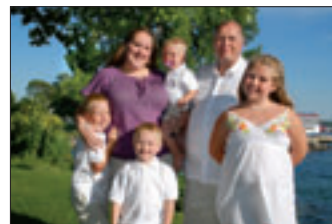
Martha Dimeo '84 (CIAS) joined the Board of the New England Chapter of American Society of Picture Professionals as communications and membership chair.

Christopher Lerch '84 (CAST), '91 (SCB) accepted a position at Heritage



Christian Services in Rochester as chief information officer. He was previously employed at RIT as manager of IT at The Wallace Center.

John Villard '84 (CAST) and Kathleen Huggins are happy to announce their



marriage on July 3 in Canandaigua, N.Y. They live in Farmington, N.Y.

Michael Dawes '82, '84 (CIAS) was ordained as an elder in the United Methodist Church on June 11 at the annual meeting of Susquehanna Annual Conference (a Pennsylvania regional conference).

Steven Gregory '84 (CIAS) has returned to his original interest of fine art photography after working 20 years in the commercial photography field. In 2005, he was chosen as the Best Emerging Artist at the Gasparilla Festival of the Arts. Since then, he has received a Hillsborough County Individual Artist Grant, a State of Florida Artist Fellowship, and was commissioned as a City of Tampa Photographer Laureate. His current project "Depth of Memory" is the exploration of memories through the symbolism of architecture. www.stevensgregory.com

1985

Alex Bruski '85 (CIAS) redecored a 1989 Tollycraft Yacht. "In addition to my handyman business, I have been enjoying the car races trackside by working as a corner marshal at Pacific Raceways. In May, I worked an event at Dirtfish Driving School in Snoqualmie, Wash.,

where they sponsored a national rally race that was televised by ESPN."

1986

Bryan Wenner '85, '86 (CIAS) has been named client services manager in the American Print Management Division of e-LYNXX Corp., a leader in procurement innovation and print management in the United States and Canada.



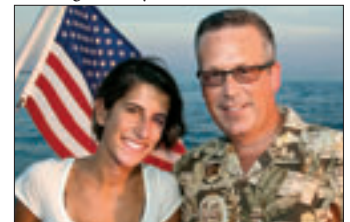
1987



Marylou Singer Fraser '87 (CIAS), owner of Fraser Interiors, was featured on *This Old House* for her work on the Auburndale House in Newton, Mass.

Bonnie Hammer '87 (CIAS) was recognized in the Sarasota (Fla.) *Herald Tribune* for teaching seniors about social networking. In the fall, she taught at Ringling College of Art and Design and did corporate training for Children's First.

Robert Firestein '86, '87 (CIAS) is with his daughter, Taylor, who entered



her first year at RIT this fall as a photojournalism major. This photo was taken by **Rick Brady '72 (CIAS)** during the Washington/Baltimore alumni cruise in Annapolis, Md.

1988

Christopher Toumbaris '88 (CAST) accepted a position at Pall Corp., Advanced Separations Systems Group in Cortland, N.Y., as controls project engineer. He was employed at Schneider Packaging Equipment as controls engineer for nine years.



Stephen Kennedy '88 (COS) writes, "I wrote a science fiction novel, *Terra Forma*, by my pen name J. Russell that is now published on Kindle and will be on shelves soon."

Treats to get your paws on

Picture a beautifully decorated Batman cake, specially ordered for the birthday boy. Or a customized Hello Kitty cake for that special little girl.

Gabriella Martinez '08 (multidisciplinary studies) makes it all—from cakes to cannolis to peanut butter cookies to hand-decorated treats for the holidays.

Her customers crave these gourmet goodies. And why wouldn't they want dog treats that are good enough for their owners to eat?

"I have a lot of customers who will say now that their dogs have been in here, they can't even walk past without the dog dragging them into the store," Martinez says.

After working out of her home for four years, Martinez moved her dog treat business, A Barkers Dozen, to a storefront in Webster, N.Y., in March. Her goal is to create a coffee shop of sorts for pets and owners, where they can both come to relax and socialize.

Martinez started the business while she was a student at RIT and working part-time at Animal Behavior Specialists Inc. as a kennel attendant to make some extra money.

At the kennel was a rescue dog named Valor, who needed medical care for extreme allergies before he could be placed in a home.

Karlene Bonnes, owner of Animal Behavior Specialists Inc., says Valor's medical bills were more than \$10,000. Martinez suggested they sell dog biscuits to help pay the bills and she volunteered to make them.

"We were like, 'You should do this full time,'" Bonnes says, adding that Valor was eventually adopted. "Anything she made just kept selling."

Martinez makes treats that are wheat-, corn- and soy-free so her own yellow Labrador, Andrea, who had allergies as a puppy, could eat them.

Along with selling goods locally, Martinez fills wholesale orders to pet boutiques, grooming salons and gift shops in New Jersey and Florida. She also has hosted some nontraditional events for owners and their pooches, including a wine tasting and '80s party.

"I look forward to going to work every day," Martinez says. "It's awesome because I get to play with dogs. I haven't felt like I worked a day since I started it."



Gabriella Martinez '08 shows off her specialty dog treats with her Labrador, Andrea. For more information about her store at 30 North Ave. in Webster, N.Y., go to www.abarkersdozen.com. (Photo by A. Sue Weisler)

Mindy Mozer

Joseph Pacher '88, '95 (KGCOE) is site vice president at R.E. Ginna Nuclear Power Plant in Ontario, N.Y. He previously was the engineering manager at Nine Mile Point Nuclear Station in Scriba, N.Y. Pacher joined Constellation Energy Nuclear Group in June 1986 and has held a number of leadership positions at Ginna and Nine Mile Point.

1989

Gary Zeiger '87, '89 (CAST) is expected to release his first science-



fiction novel, *Stingray: You Can't Hide Forever*, on Thanksgiving Day. For more information, go to www.GaryZeiger.com.

Deborah Bernacki '89 (COS) CEO and founder of Happier At Home,



has been selected for inclusion in the 2011 edition of *Worldwide Leaders in Healthcare* by the International Association of

Nurses. She also has been granted approval from New York state to franchise her business. www.HappierAtHome.org.

Susan Svika Smith-Hartman '89 (COS) has been working in the private sector of OB/GYN ultrasound for the same physicians for 14 years. She recently became an advanced practice sonographer through the Society for Diagnostic Sonographers. She also was awarded Senior Member status through the American Institute of Ultrasound in Medicine. She was honored in May as one of RIT's invited alumni at the Women's Career Achievement dinner.

1990

Cynthia Swan Jansen '90 (CIAS) and John J. Wisniewski are happy to



announce their marriage on July 4, 2010, at the Santa Monica Beach Bluff, Calif. They had a fun-filled beach wedding.

despite Jansen's broken foot, cast and wheelchair (one week before the wedding). The couple lives in the Los Angeles area. She owns her own glass studio, Terra Pax Studio. www.terrapaxstudio.com.

Edward Leicht '90 (KGCOE) is an engineering supervisor at ITT Corp. in Rochester.

Jolie Sasso '90 (CAST) has been appointed account manager of corporate accounts for The Marco Corp., Brantford, in Ontario, Canada.

1991

David Good '91 (NTID) married Roxanne Sutphen on April 25. They live in Maryland where they run their business, FARFfour Disc Golf. Sutphen is the mother of NTID student **Rachella Shephard '09 (SVP)**.

John Hamberger '91 (CAST) and Julia are proud to announce the birth of a baby boy, Owen Richard. He was born on July 25 in Raleigh, N.C.

David Gianna '91 (CIAS), '91 (CAST) recently accepted a position at Intersec Worldwide in Newport Beach, Calif., as principle. Gianna was employed at NetSPI as PCI security practice lead. He continues to teach at Everest Online and at the University of Maryland University College.

Steven Buck '91 (SCB) was recognized by *Training Magazine* as one of the "Top Young Trainers 2010." He accepted the award in February at the Training 2011 Conference and Expo in San Diego, Calif. The Paychex Training and Development Center, where he works, was also recognized as one of the Top 125 Training Organizations.

Brittany Getman Casey '91 (SCB) is director of new projects at New Venture Advisors LLC in Manchester, N.H.

1992

Brian Stumm '92, '93 (KGCOE) was elected to serve as the national



president of the National Fraternity of Kappa Delta Rho in August 2010 at its national convention. He was one of the founders of the Iota Beta chapter at RIT. He was promoted to the

director of engineering for Global Fire Suppression in November 2010. In May 2011, he was appointed the director of engineering for Marioff Oy, a business within Global Fire Suppression specializing in high-pressure water mist suppression, and is relocating to Helsinki, Finland, with his wife, Janet.

Darrin Stern '94, '92 (CAST) is excited to announce the arrival of his second daughter, Joley Faye, on Aug. 1. She joins Livia and Jared as the newest Stern member. "On a work note, I am proud the Chicago Clean Energy Alliance is now a 501c6 organization. I am proud the board member of this organization."

Loren Hendrix '92 (CIAS) writes, "Released the Half Watt interactive game!"

Michael Naud '92 (SCB) is vice president of information services at MGM Studios Inc. in Beverly Hills, Calif. Previously he was employed at Spyglass Entertainment Holdings as vice president of information systems.

Terry Myers '90, '92 (CIAS) was promoted to prepress business analyst for RR Donnelley's book group. In this role, he works to streamline and standardize prepress operations across a multi-divisional platform with operations in the United States, China and India.

Benjamin Lessig '92 (COS) and Celeste Walls are happy to announce their marriage on June 3 in Long Branch, N.J. They live in Toms River, N.J. Lessig is currently board certified in geriatrics, practicing in Toms River.

Phaedra Ruffalo '92, '94 (CAST) joined Schwan's Food Service Division as innovation manager in Bloomington, Minn. Her new role will consist of identifying new food trends, ingredients, technologies and packaging for the expansion of Schwan's current brands and creating new food and brand platforms for their innovation pipeline in the food service division.

1993

Stephen Johnston '91, '93 (COS) and **Lauren O'Connell Johnston '92, '93**



(CIAS) brought home their son, Michael Nagesh, from India in November 2010. He is 3 years old and busy learning to surf in San Diego, Calif.

John Fredette '93 (CIAS) spent six weeks in Africa as part of IBM's Corporate Service Corps program. He was based in Kenya and worked with the local government on several innovation initiatives. He works on the Worldwide Advertising team at IBM and manages creative development and media. He lives on the north shore of Massachusetts with his wife and two children.

Christopher Knigga '93 (NTID) and his wife, Leslie, are proud to announce the birth of a baby boy, Mason Vincent. He was born on July 22.

1994

Christopher Hanna '94 (CIAS) is president of Atomic Design. Atomic Design, a leader in Web design, development and marketing, celebrated its 15th anniversary. www.AtomicDesign.net.

John Kramer '91 (CAST), '94 (CIAS) accepted a position at Satellite ProLink Inc. in Lakeland, Fla., as media buyer assistant and production coordinator.

Karen Fuller Tribbett '94 (COS) was promoted last year to lieutenant colonel in the United States Marine Corps reserve. She married Maj. Matt Brannen in October 2010 and they reside on base at MCRD Parris Island, S.C.

1995

Jeffery Lomax '95 (CAST) was promoted to vice president at Whitman, Reardon & Associates LLP in Baltimore, Md. Lomax is a bridge engineer and has been with the firm for more than 16 years.

1996

Kenneth Aponte '96 (KGCOE) is a senior implementation consultant at Element K in Rochester. He was employed at Diamond Management and Technology Consultants as senior manager. "I moved back to Rochester after being gone for 15 years. My family is here and I wanted to be closer to my parents."

Maggie Thayne '96 (SCB) and her husband, Anthony, welcomed their third child, Cooper, in January 2009. Cooper now races around with big brother Tucker, 9, and big sister Logan, 7. Thayne also recently started a consulting firm, M. Thayne Consulting.

Michael Austin '96 (CLA) and **Jodi (Gardner) Austin '97 (COS)** are



proud to announce the birth of a baby girl, Danica. She was born on June 14, 2010, in Fairfax, Va. Her older brothers include Gardner, 10; Caleb, 8; Zachary, 6; and Luke, 4.

Paul Armani '96 (COS) is a senior health physicist at GRD Environmental in Buffalo and was previously employed at Ensol Inc. as senior health physicist.

Sandra Dolitz-Vasquez '96 (CLA) and her husband, William, (they originally met in Rochester) celebrated their 15th wedding anniversary. They live in Norwalk, Conn., and are both employed in the information systems field, he in network security and she as an information systems trainer. Their son, Ben, turns 8 this year.

Rebecca Baird '96 (CIAS) received a Master of Science degree in creative arts therapy from Nazareth College on May 8.

1997

Douglas Mawn '97 (KGCOE) and his wife, Heather, are proud to announce the birth of a baby boy, Tyler Matthew. He was born on April 20 in St. Mary's, Pa. Tyler joins Andrew, 3, and Martina, 2.

John MacRae '97, '97 (CIAS) has worked for *Reader's Digest* since 1998 and was recently promoted to senior art director, *Reader's Digest Books & Entertainment*.



Peter Burns '97 (COS) was named a fellow of the Society for Imaging Science and Technology. He has been active in the society for many years, teaching, presenting and as a board member. He has worked as an imaging scientist at Xerox, Kodak and Carestream Health and also consults for libraries and museums.



Hope Henry '97 (CAST) and her husband, Paul, are happy to announce



their marriage on Oct. 23, 2010, at Stroudsmoor County Inn, Stroudsburg, Pa. They live in New Jersey. **Colleen (Vilenski) Spano '97, '98 (CAST)** was in attendance as Hope's bridesmaid.

Alan Bruce '97 (CIAS), '98 (SCB) accepted a position at Gannett's USCP Midwest Group, a group of 21 Gannett-owned media companies, as director of IT Client Services and senior IT Business Partner in Wisconsin. He was employed at Gannett Wisconsin Media as ITS director.

Paijit Sangchai '97 (CAST) is CEO and founder of Flexoresearch Group in Nonthaburi, Thailand. Sangchai was selected to be the Technology Pioneer 2011, clean tech category, by the World Economic Forum. His research and development on non-recyclable laminated paper waste pulp recovery was also selected by *TIME* magazine as one of 10 start-ups that will change your life.

Michael Pallone '97 (CIAS) was promoted to director of promotion sourcing from print buyer for Condé Nast in New York City due to his significant contributions to implementing a new buying strategy for Condé Nast marketing and editorial departments.

Jane Norden Falter '97 (CAST) was awarded the ACRW (Academy Certified Résumé Writer) credential by the Academy of Résumé Writers. This new credential provides additional services for her career resource business. www.janefalter.com.

1998

Jim Crocker '98 (CAST) accepted a position at Google in Denver as network transport engineer. "Thanks, RIT. Google cared where I went to school!"

Melissa Answeeney Reese '98, '07 (SCB) and Andrew Reese are happy to announce their marriage on Aug. 5 in Fort Collins, Colo., where they live. **Tracie Lamphere Spiliotis '99, '01 (SCB)** was a bridesmaid. The celebration was attended by fellow RIT alumni **Kristin (Hubinsky) Barlette '96 (CIAS)**; **A. Steve Czompo '88 (CIAS)**; **Garrett Johnson '96, '98, '03 (COS)**; **Pano Spiliotis '99, '01 (COS)**; **Paul Stella '03 (SCB)**; **Lawrence Taplin '02, (COS)**; **Dan Viggiano '97 (KGCOE) '05 (SCB)**; **Trina (St. Louis) Viggiano '97 (CAST)**; and **Jim Wilbur '98 (CAST) '06 (SCB)**.

1999

Matthew Wilson '99 (CAST) announces the publication of *Wikitravel*



Walt Disney World, a new travel guide from Wikitravel Press. The guide is compiled and edited from the user-generated content at wikitravel.org and is updated

monthly. The book is for sale at Amazon.com and is printed on demand.

Robert Camp '99 (KGCOE) received a Ph.D. in mechanical engineering with a concentration in nanomedicine science and technology from Northeastern University in January 2011 and has accepted a position of assistant professor of engineering at the Massachusetts Maritime Academy.

Arielle Walrath '99 '99 (CIAS) has announced the relaunch of her company, Forge, as Might & Main. Based in Portland, Maine, Might & Main is a specialty brand marketing company, led by Walrath, Kevin Brooks and Sean Wilkinson.

Robert Jackson '99, '99 (CAST) released his first literary compilation, *Looking Out From Within, A journey into a poetic landscape*, available at www.createspace.com or Amazon.com.

Nicolas Rubio '99, '01 (SCB) who founded Global Union at RIT, came



back to campus for a visit in May. Rubio appears here with **Bharat Thazhathu**

'12 (KGCOE), who was the 2010–2011 President of Global Union. He had been working at Revlon since 2007 in Caracas, Venezuela, as a business development manager, Latin America export.

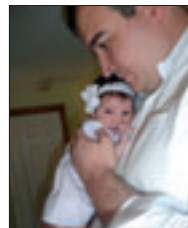
Tracy Weber '99 (CAST) was named a 2011 Swan Valley High School Distinguished Alumnae. Weber is currently CEO and founder of Kaleidoscope Learning Circle LLC, which helps individuals and teams develop self-awareness and leadership skills through partnering with horses, a process called Equine Assisted Learning. Weber is also an adjunct professor for the College of Applied Science and Technology and RIT Dubai.

2000

Sarah Laughter Crandall '98, '00 (CIAS) and her husband, Sean, are proud to announce the birth of a baby girl, Madeleine Elizabeth. She was born on Jan. 21, 2011, in Lake Havasu City, Ariz. She joins big sister Lorelai.

Roberta Mather-Brown '00 (CLA) is a civil service marketing director for the U.S. Department of State and is featured on the U.S. Department of State's website at careers.state.gov/work/domestic.

Jeremy De Lyser '00 (CAST) writes, "I passed the NCEES Professional Engineering Exam in April and have now earned a Professional Engineering License in New York state."



Andrew Ardini '00 (KGCOE) and his wife, Stacey, are proud to announce the birth of a baby girl, Maggie Sophia. She was born on

March 2 in Boston.

2001

Matthew Sudol '01 (SCB) accepted a position at Kirshenbaum Bond Senecal + Partners in New York City as associate director of social marketing. Sudol was previously employed at the New York City Economic Development Corp. as assistant vice president, marketing.

Mary Hogan Jacob '01 (KGCOE) and **Brian Jacob '01 (KGCOE)** are proud to announce the birth of a baby boy, Braden Patrick, on June 10 in Manassas, Va. Big sister Kaylin is 4 years old and big brother Kyle is 2.

Jennifer Pomerhan Hamson '01 (CIAS) and **Jeffrey Hamson '01**



(CIAS) are happy to announce the birth of their second son, Joel Richard Hamson, born Sept. 25, 2010. Older brother Jake is proud of his little brother.

Richard Waters '01 (NTID) is a pre-press operator at the Lowe-Martin Group in Toronto, where he has worked for over five years. He won the employee of the year award for quality of excellence in the winter of 2010. The owner, **Ward Griffin '91 (CIAS)**, also attended RIT.

Corinne Zeitler Scully '01 (COS) and her husband, Joshua, are proud to announce the birth of a baby girl, Annabelle Grace. She was born on Dec. 24, 2010, in Shady Grove, Md.

Jeffrey Fasoldt '01 (SCB) writes, "I was selected as the 2011 Rochester Financial Executive of the Year in the large company category by the *Rochester Business Journal* and Financial Executives International."

2002

Kevin Sheldon '02 (SCB) and his wife, Angie, are proud to announce the birth of a baby boy, Christopher John Sheldon. He was born on June 30 in Reston, Va.

Zachary Welch '02 (CIAS), '09 (GCCIS) is a systems administrator for VP Supply Corp. in Rochester. Before that, Welch was the owner of Tech N' Taboodle.

2003

Carmen Goatsey Johnson '03, '05 (CAST) is a senior recruiter at Adecco USA in Canandaigua, N.Y.

John Nuszkowski '03 (KGCOE) is an assistant professor at the University of North Florida in Jacksonville, Fla.

Birtrand Miskell '03 (CIAS) and his wife, Dawn, are proud to announce the birth of a baby boy, Riley Evan. He was born on May 14 in Washington, D.C.

Allison Hoover Saunders '03 (COS) received a Ph.D. in biochemistry from Pennsylvania State University in May. She is continuing her research at Penn State as a post-doc studying enzymes involved in bacteriochlorophyll biosynthesis.

Jennifer Yox Doern '03 (SCB) and **Jason Doern '05 (CAST)** are proud to announce the birth of a baby girl, Ava Lena. She was born on Dec. 25, 2010. Big brother Spencer is excited to have a little sister.

Bryan Mutter '03 (CAST) and **Danielle Lussier** are happy to announce their marriage on July 29 at Quiddnessett Country Club in North Kingston, R.I. **Tony Nally '03 (CAST)**, **Mike Staples '03 (CAST)** and **Aaron Arias '04 (CAST)** attended the event.

Stacey Wronkowski '03 (SCB) is the IT program leader at General Electric in Cincinnati. Previously, she was a manager at Ernst & Young.

First grads get feet wet as scientists

Fabio Antonini, Rodolfo Montez Jr. and Grant Tremblay—the inaugural graduates of the Astrophysical Sciences and Technology doctoral program—think in terms of light years.

It's a natural habit: They've spent years studying astronomical theory or observable phenomena with sophisticated space telescopes like NASA's Chandra X-ray Observatory, the Hubble Space Telescope and the European Space Agency's Herschel Space Observatory.

Their hard-won doctoral degrees give them the credentials they need to unlock the next door on their path to a career in science—the post-doctoral fellowship. RIT's Astrophysical Sciences and Technology doctoral degree program is supported by the Department of Physics, the Chester F. Carlson Center for Imaging Science and the School of Mathematical Sciences.

Everyone involved is watching the first graduates from the program enter the real world of science with all of its possibilities and pitfalls.

Antonini completed a pre-doctoral fellowship at Harvard-Smithsonian Center for Astrophysics last summer while completing his dissertation. There he studied the fate of pairs of stars, or binaries, existing near super massive black holes. He is now a post-doctoral fellow at the Canadian Institute for Theoretical Astrophysics at the University of Toronto.

While at RIT, Antonini studied the dynamics of stars and compact objects near the center of the Milky Way Galaxy. He is a theoretician who discovered a new process that forces a stellar black hole—a compact object typically 10 times more massive than the sun and formed during the collapse of a massive star—into an even more imposing black hole found at the center of galaxies.

Montez's postdoctoral fellowship with his RIT thesis adviser, Joel Kastner, professor in the Center for Imaging Science, is supported by funding he helped win last year from the Chandra X-ray Observatory. Chandra awarded the team nearly a week of observing time—unusual by any standards—for 21 planetary nebulae, or dying stars.

Montez is leading the RIT team of graduate and undergraduate students and coordinating the research of 24 collaborators around the globe. He represented the team in Spain at the International Astronomical Union Symposium "Planetary Nebulae: An Eye to the Future" in July for an update on the large observing project.

Tremblay is now a post-doctoral fellow with the European Southern Observatory, an assignment he began in August. The astronomical organization—comprised of members of the European Union and Brazil—operates large ground-based observatories in the desert of Chile. The three-year fellowship places Tremblay at "the crossroads for astronomy in Europe" and in contact with leading scientists in his field.

As a fellow at European Southern Observatory, Tremblay is expanding upon his thesis research on Active Galactic Nuclei, or bright galaxies that emit enormous amounts of radiation. Jets of plasma spew copious amounts of energy from a centrally located black hole and illuminate the galaxies from within. In addition to his own research, Tremblay will provide support for the organization's Very Large Telescope and the future Atacama Large Millimeter/submillimeter Array.

Susan Gawlowicz '95



Grant Tremblay '11 is a post-doctoral fellow in Munich, Germany.



Rodolfo Montez Jr. '10 stayed at RIT for his first post-doctoral assignment.



Fabio Antonini '11 is doing his post-doctoral fellowship in Toronto.

2004

Hope Kendrick Lubkowski '04 (CIAS) and **Jeffrey Lubkowski '06, '11** (KGC OE) are proud to announce the birth of a baby girl, Mia Jane. She was born on March 28 in Rochester.



Jvalant Sampat '04 (GCCIS) is the author of India's first WWII thriller, *The Tenth Unknown*. It is now available at bookvistas.com.

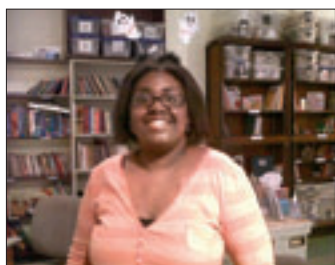
Melissa Keith '04 (CIAS) is the senior photographer for the Advertising Department at Meijer Inc., in Grand Rapids, Mich. She relocated from Chicago and began her new position in April.

Kevin Foster '04 (GCCIS) and his wife, Patricia, are proud to announce the birth of a baby girl, Meredith Curran. She was born June 30 in York, Maine.

John O Neill '04 (CIAS) writes, "I am delighted to inform everyone involved with the RIT Graduate Graphic Design Program in the School of Design, I have accepted a visiting professor position at Chowan University in Murfreesboro, N.C. The curriculum and the quality of teaching in the Graduate Graphic Design Program prepared me to own and operate a socially conscious graphic design company, to be a social activist, and be a successful adjunct instructor for Virginia Commonwealth University and Virginia State University."

Deale Hutton '04 (CIAS) was employed at SUNY Oswego as an art librarian. In December 2010, she retired and is now a full-time artist in Fair Haven, N.Y.

Simone Edwards-Forde '04 (NTID) is a literacy practitioner at Alternative



Learning Styles and Outlooks in Ottawa, Ontario, Canada. Before accepting this new position, she was a literacy practitioner at Ottawa Deaf Centre.

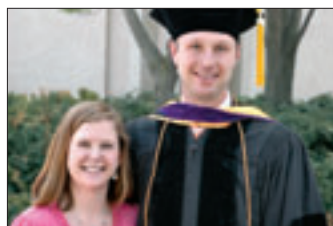
Spencer Stonier '04 (COS) received a doctorate degree in immunology from the University of Tennessee Health Science Center-Houston in August.

2005

Keith Bangs '05 (CAST) received a Master of Science degree in marine engineering from the United States Merchant Marine Academy in May.

Jonathan Raduns '05 (CAST) is a resident food-merchandising consultant at National Restaurant Consulting in Denver, Colo., and founded www.simplefarmmarketing.com.

L. Jeffrey Kelly '05 (KGC OE) graduated from Syracuse University Law



School on May 13 with honors. He is a registered patent agent and is pursuing a career in patent/intellectual property law. He and his wife, Laura, live in Fairport, N.Y.

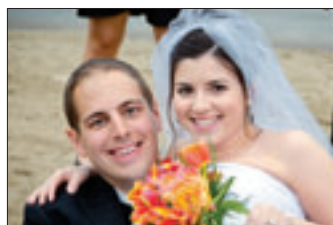
Eric Lindheimer '05 (CAST) passed the Professional Engineer Exam and will be licensed in the state of Pennsylvania. He is a project engineer with the U.S. Army Corps of Engineers at the Washington Aqueduct. Eric and his wife, Talia, have a newborn son, Zachary, and live in Laurel, Md.

2006

Michael Carvelli '06 (CAST) passed the Professional Engineer Exam in Pennsylvania in April. "I took the civil exam with the geotechnical depth portion. Good luck to the rest of the '06 class."

2007

Leah Ferrante Sager '07 (CIAS) and **Robert Sager '05** (CAST) are



happy to announce their marriage on May 14 in Lake George, N.Y. They live in Rockledge, Fla.

Melissa Newcomb '07 (CIAS) is an art professor at Keuka College. She recently exhibited her art at the Garden Cafe Gallery in Rochester.

Karrie Swanson '07, '09, '10 (CIAS) has been accepted into the distance MBA program at Colorado State University. She is a project specialist at Catholic Health Initiatives Foundation doing graphic design, mailings and project calendars.

Jenna Coleman-Smallidge '07 (CIAS) and her husband, **Tim**



Smallidge '06 (KGC OE), celebrated their first anniversary on May 29.

Kristin Semmler-Frace '07 (CAST), '07 (SCB) is happy to announce her



marriage to Robert Frace on Oct. 9, 2010, in Spencerport, N.Y. They live in Brockport, N.Y.

2008

Allison Ingalls '08 (SCB) and **Fabien**



Cinus are happy to announce their marriage on July 30 in Cuba, N.Y. **Katie Grenga '08** (SCB) was a bridesmaid.

Adam Botzenhart '08 (CLA) graduated from Harvard Law School, cum



laude. He began working at the law firm of Quinn, Emanuel, Urquhart & Sullivan in San Francisco in the fall of 2011. His focus is on intellectual property and general commercial litigation. He is pictured here with good friends **Lisa Hawver '08** (COS) and **Dan Orth '08** (COB).



Kristin Henson '08 (CAST) is a national sales assistant at Clear Channel Communications in Philadelphia, Pa.

Steven Dibelius '08 (GCCIS) received a Master of Science degree in information from the University of Michigan, School of Information in April. He is an associate engineer at MicroLink LLC in Vienna, Va.

Gregory Ventura '08 (SCB) started his own business, SNAPpod NY in July. He serves western New York with photo booth rentals for weddings, birthdays, corporate parties or most any event. For information, go to www.snappodny.com.

Jennifer Russell D'Ovidio '08 (CAST) opened XPolsé Pole Dance Fitness Studio in January 2010. Together with her husband, **William D'Ovidio '08** (CIAS), they have expanded, opening a second studio offering Cirque Fitness. Similar to Cirque du Soleil, Aerial Arts of Rochester is at Artisanworks in Rochester.

2009

Adam Cornwell '09, '09 (COS) and **Jessica Donnelly** are happy to announce their marriage on May 21 in Danbury, Conn. They live in Rochester.

Kiersten Shinrock '07, '09 (NTID) '09 (CLA) is a coordinator for Student Involvement and Leadership at Washington University in St. Louis, Mo.

Jill Knobloch Salvo '09 (CIAS) and **Anthony Salvo '09** (KGC OE) are happy to announce their marriage on June 4 in Colorado Springs, Colo. They live in Orange County, Calif. The bridal party included graduates **David Holland '09, '09** (KGC OE); **John Glass '08, '10** (KGC OE); and **Trevor Blarink '09** (GCCIS).

Liliya Plotkina '09 (CIAS) is an account coordinator at Roberts Communications in Rochester. "Thanks to the awesome guidance and education I got during my time in the Advertising/PR program at RIT, I was able to land this job straight out of college. I get to work with lots of brands, but my main focus is on Xerox."

2010

Michele Knapp '10 (CAST) was promoted on April 20 to vice president of human resources at Getinge USA Inc. in Rochester.

Ryan McDonough '10 (GCCIS) and **Dona Inthaxoum McDonough** are



happy to announce their marriage on May 23 in Mt. Pleasant, S.C. They live in Summerville, S.C. with their new Jackabee puppy, Tatum.

Kari Hazzard '10 (SCB), '10 (CLA) is a financial services professional with MassMutual in Rochester.

Ihudiya Ogburu '10 (GCCIS) is a district community liaison with the Peace Corps in Washington, D.C. "I have started a blog to share my experiences on the journey, visit ictpc.blogspot.com."

Sophie Schillaci '10 (CLA) is a staff editor at *The Hollywood Reporter*. "I attended the Do Stuff awards and interviewed Gavin DeGraw in our studio and attended the MTV Video Music Awards."

RIT recognizes alumnus, volunteer

Philip R. Tyler '65 (business administration) is RIT's Outstanding Alumnus and Christine B. Whitman is Volunteer of the Year. The awards were presented at the Presidents' Alumni Ball, part of the annual Brick City Homecoming & Family Weekend.

Tyler is associate professor emeritus in the E. Philip Saunders College of Business. He joined the faculty in 1970 and retired in 2008. He served as director of the Center for Management Development from 1982-1986.

Whitman is chairman, CEO and president of Complemar Partners Inc. She also serves as the managing partner of CSW Equity Partners.

She began her volunteer relationship with RIT by serving on the advisory board for the Kate Gleason College of Engineering in the early 1990s. She joined the RIT Board of Trustees in 1997.

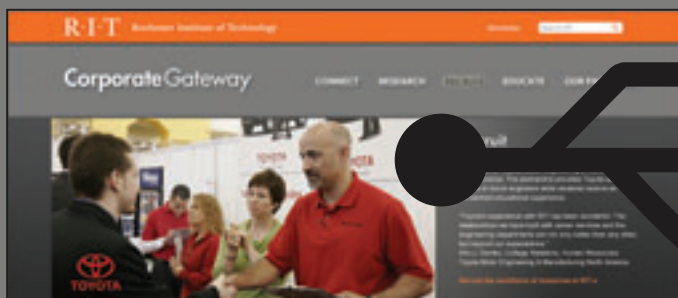
The Outstanding Alumni Award, established in 1952, is the highest honor the institute can bestow upon a graduate. The Volunteer of the Year award is presented to an individual who exhibits dedication to the RIT community.



Philip R. Tyler '65 was named Outstanding Alumnus and Christine B. Whitman was recognized as Volunteer of the Year. (Photo by Ken Huth '88)

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Visit rit.edu/corporate today to connect your company to RIT.

R·I·T

Living simply—through photography

Sam Campanaro '57 (illustrative photography) has lived a life of photography.

He spent 42 years working at Eastman Kodak Co., using some of the most advanced photographic equipment in the last century.

He was part of a staff of 17 photographers during the breadth of Kodak's reign, working in research for 31 years and then overseeing the portrait studio.

His work includes the famous photograph *15 Babies*, which he shot in 1983 for a Kodak Colorama program.

"I'm still getting requests—even over the Internet," he says about the poster featuring the photo. "I'm still getting calls."

Campanaro, who purchased a handful of the remaining posters before retiring, has given them to charities. He's given them as gifts. People know the photograph, he says.

The Kodak Coloramas were massive 18 feet by 60 feet color photographs that hung in Grand Central Station in Manhattan. Millions of people saw the images as they scampered to catch their trains.

"It really did make people realize they could shoot their own color photos," says Steve Kelly '71 (photo illustration), who is now a senior photographer at Kodak. Kelly shot roughly 15 to 20 Coloramas and says Campanaro played a huge role in the success of the program.

"He shot probably the most famous one ever," Kelly says. "He never lets us forget it," he adds with a laugh.

Campanaro may be famous for *15 Babies*, but he doesn't want to be remembered only for the one photo. "The sad thing is, is that's the only thing I'm known for," he says. "I have a couple of friends who tease me because this got a lot of publicity."

Campanaro's portfolio is filled with images from expedition shoots for the American Mu-



Sam Campanaro '57 (illustrative photography) is best known for this famous photograph *15 Babies*, which he shot in 1983 for a Kodak Colorama campaign. Campanaro worked for Eastman Kodak Co. for 42 years and continues to make pictures today. (Photo by A. Sue Weisler)

seum of Natural History and the Seoul Olympics in 1988. He was commissioned to shoot the Statue of Liberty and photographed President Ronald Reagan twice.

Today at the age of 82, nothing makes Campanaro giggle quite

like talking about his point-and-shoot digital camera.

He hasn't shot a roll of film in 10 years.

He has more than 12,000 images on his hard drive. On a recent trip to Italy and Germany, he shot more than 600 images

with his Canon G-12. "You should see the images," he says. "They look like postcards."

Campanaro has fallen in love with photography all over again. "I don't go anywhere without this camera."

Kevin Fuller

In MEMORIAM

Alumni

1932

Ruth Mix Gundry '32 (CIAS),
July 5, 2011

1940

Raymond H. Jacobs '40 (CIAS),
May 11, 2011

1941

Robert D. Newman '41 (CAST),
June 25, 2011

Marvin L. Spurling '41 (CAST),
July 3, 2011

1944

Arthur B. Cieslak '44 (CAST),
June 23, 2011

1948

Marvin W. Simonson '48 (CIAS),
Aug. 30, 2010

1949

Salvatore L. Alessi '49 (KGCOE),
July 24, 2011

Richard D. Barth '49 (KGCOE),
July 29, 2011

Robert Disalvio '49 (COS),
May 19, 2011

Joseph Rosenzweig '49 (CIAS),
May 17, 2011

1950

Richard C. Maher '50 (SCB),
May 3, 2011

1951

Mathew J. Gacek '51 (CIAS),
July 13, 2011
Bruce W. Watkins '51 (KGCOE),
June 21, 2011

1952

Francis M. Doran '52 (CAST),
Nov. 10, 2010

1953

Peter A. Brown '53 (CIAS),
July 5, 2009
Adrian V. Prince '53 (CIAS),
May 31, 2011

1954

Janet Patchett Scatko '54 (SCB),
Aug. 4, 2011

1955

Gerald F. Pickens '55 (KGCOE),
April 26, 2011

1956

Philip S. Forman '56 (CIAS),
Aug. 3, 2011

1960

Paul S. Roscoe '60 (KGCOE),
May 17, 2011

1961

Ronald Kellogg '61 (KGCOE),
June 25, 2011

1966

David A. Page Jr. '66 (CIAS),
Aug. 13, 2011

1967

James H. Barlow '67 (CIAS),
May 20, 2011

1968

David J. Shepard '68 (CAST),
Dec. 5, 2010

1971

John R. Blair '62, '71 (CIAS),
July 11, 2011
Erwin G. Dedie '71 (CAST),
May 6, 2011

1972

William E. Hubschmitt '72 (CLA),
June 29, 2011
Sanford A. Lane '72 (CAST),
May 5, 2011

1974

William E. Drake '74 (CAST),
July 1, 2011
Donald R. Maziarz '74 (KGCOE),
July 25, 2011

1976

Mary Ann Dwyer Fox '76 (CAST),
July 15, 2011

1977

Richard D. Eckardt '77 (CAST),
May 8, 2011

1979

Mark Allan Beckelman '79, '79 (CIAS),
July 5, 2011
Frederik Lodewyk Berends '79
(CAST), July 28, 2011

1983

Daniel P. Cassenti '83 (CAST),
July 9, 2011

1990

Sandra Horton Brennan '90 (GAP),
March 25, 2011

1992

David C. Dorf '92 (CAST),
June 7, 2011

1993

Carl J. Hagele '93 (CIAS),
June 28, 2011

1998

Colleen McGrath '95, '98 (CAST),
July 2, 2011

2004

Carter A. May '04, '04 (KGCOE),
July 23, 2011

2008

Christen L. James '08 (NTID),
July 25, 2011

Faculty and Staff

David Conyer, executive producer in NTID educational design resources department, July 17, 2011

Robert Kayser, professor emeritus, Sept. 7, 2011

Joan Stone, former CIAS dean and university leader, July 22, 2011

Stanley Witmeyer, director of School of Art and Design 1952-1978, Oct. 10, 2011

BOOKS

Books recently published by the RIT Cary Graphic Arts Press.

Lucretius: His Continuing Influence and Contemporary Relevance

Edited by David B. Suits and Timothy J. Madigan

Lucretius (c. 99 BCE–c. 55 BCE) is the author of *De Rerum Natura*, a work that tries to

explain and expound the doctrines of the earlier Greek philosopher Epicurus. The essays in this collection deal with Lucretius's critique of religion, his critique of traditional attitudes about death, and his influences on later thinkers such as Isaac

Newton and Alfred Tennyson. "Lucretius: His Continuing Influence and Contemporary Relevance" is the title of a 2009 conference on Lucretius held at St. John Fisher College, when many of the ideas in these essays were first presented.



The Book Jackets of Ismar David

By Misha Beletsky

Ismar David belonged to a group of accomplished calligraphers, who established



themselves as book jacket designers in New York in the 1950s. David's jacket designs are distinguished from other work of the period as powerful and expressive. His style is informed by a thorough mastery of the typographic tradition yet looks remarkably fresh, even today.

He combines calligrapher's craft with fine artist's sensibility "to communicate his ideas and his feelings in the service of the book."

The book examines the historical context of Ismar David's work including a concise overview of the history of book jacket design in Germany and in the U.S. and describes David's freelance career in publishing.

David's work is housed in the Cary Graphic Arts Collection at Rochester Institute of Technology.

HAYDN

Edited by Michael E. Ruhling

HAYDN, the journal of the Haydn Society



of North America, is dedicated to the dissemination of all areas and methodologies of research and performance considerations regarding the music, culture, life and times of Joseph Haydn and his circle. Each semiannual issue includes large and small articles, reviews, reactions to previous articles, and other new and pertinent information. Its Web-based format is intended to take full advantage of current and emerging electronic media.

RIT Cary Graphic Arts Press and its co-imprint, RIT Press, are scholarly publishing enterprises at RIT. Originally focusing on publishing works in the graphic arts field, the Press has expanded into many subjects related to the RIT curriculum. To place an order, call 585-475-6766 or go to carypress.rit.edu. Visit in person at the Alexander S. Lawson Publishing Center, on the second floor of the Wallace Center at RIT.

In memory of David Page '66

This is the story of the man who became one of RIT's first tiger mascots and the live Bengal tiger he helped bring to campus.

Before 1955, teams had been called "The Techmen" and "The Blue Gray." Early in the 20th century, a dog named Brownie served as the mascot.

But after the 1955-1956 undefeated men's basketball season, coaches and teams wanted a fiercer, more collegiate mascot. Henry Watts, head of the RIT News Bureau, began sending out news releases using "Tigers" as the nickname, and the name stuck.

A handful of students came up with the idea of getting a live tiger to bring to campus. The cost was \$1,000 and the Seneca Park Zoo agreed to house the animal. Students sold stock for \$1 per share to raise the money.

The 8-week-old cub arrived on Oct. 30, 1963, and after a contest, he was named Spirit, for Student Pride in RIT.

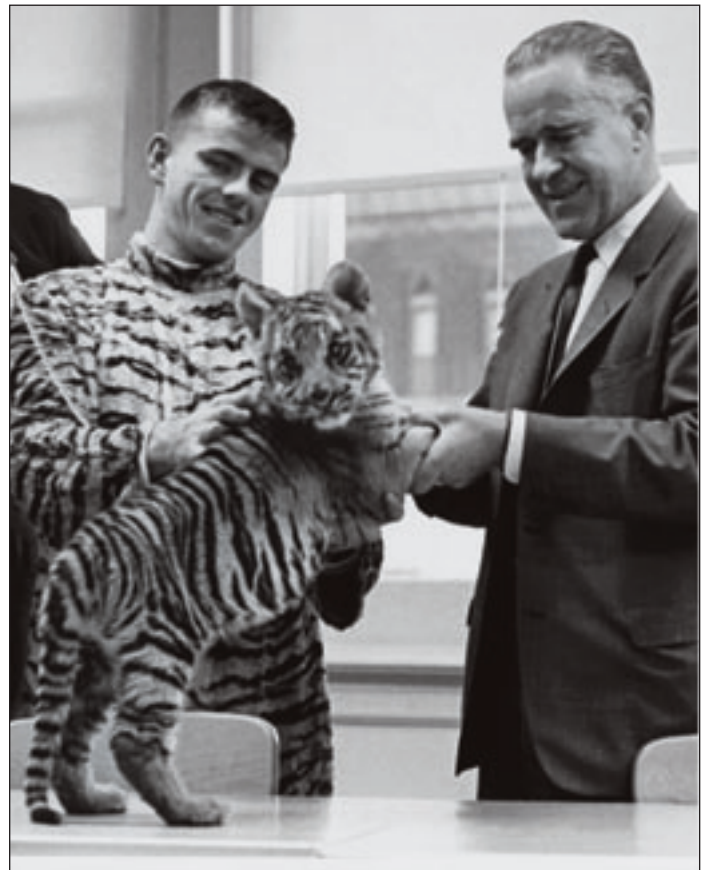
David Page '66 (photo science) was a member of the tiger committee and became a student handler of the animal. Student

handlers were allowed to visit the cub when the zoo was closed and to take him to campus and community events. Most of the handlers, including Page, were members of Alpha Phi Omega, a national service fraternity.

Page and Spirit had a special bond. Page was among the first to wear a tiger costume for events. (Today, that mascot is known as Ritchie.) But four months after his arrival, Spirit became too big to bring to campus. Then on Sept. 28, 1964, he died from an incurable genetic defect.

After graduating, Page, who worked as a fine arts photographer at Duke University, remained an ardent supporter of RIT. He was a member of the Alumni Association Board of Directors, leader of the RIT Raleigh/Durham Alumni Chapter and supporter of the RIT Big Shot. Page died Aug. 13, 2011.

He and other members of the tiger committee returned to RIT in 2005 to record the story of Spirit. For those comments, go to <http://library.rit.edu/depts/archives/tigerpage/>.



David Page is pictured with former RIT President Mark Ellingson. Page died Aug. 13.

"I got thinking about this," David Page said in 2005 about Spirit's death. "You know there's a song about Puff, the Magic Dragon? We were all going to go away. Everyone. And he would have been left alone. So, getting philosophic, it's sort of like our Marilyn Monroe. He died young, a good-looking kid."

R·I·T



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The banner features a yellow and orange color scheme with a cloud-like graphic behind the main title. It includes three small photographs: two people working at a table, a person looking at a tablet, and a woman holding a large silver sphere. A small inset photo at the bottom right shows a crowded festival scene.