

## Pictometry CEO earns Vanden Brul Award

Richard Kaplan jokes that he couldn't even turn on a computer when he started working as president and CEO of Pictometry International Corp. in 2000.

And yet, he knows how to build a privately held business and turn it into a success story that landed over 400 county governments as well as many commercial clients, including Microsoft Corp.

"When I first looked at Pictometry, I never thought I could get it off the ground because it was just a concept—there was no product and no sales," says Kaplan about his Henrietta-based company, which ranks No. 3 in Rochester's Top 100 companies for 2006 sponsored by the Rochester Business Alliance. "But I enjoy working on business start-ups, and so I ended up creating a marketing plan for a new GIS (geographic information system) software which was developed by Stephen Schultz, a graduate student from RIT.

"Even though I didn't know anything about airplanes, let alone digital oblique imagery, I had the vision of how we could make it happen. Plus a good CEO always surrounds himself with smart people, and I had some technical geniuses like Steve on our staff."

In recognition of his business success and contributions within the community, RIT's E. Philip Saunders College of Business has named Kaplan as recipient of the 2007 Herbert W. Vanden Brul Entrepreneurial Award. He will be honored at RIT on April 19.

Past recipients of the award include Arunas Chesonis, CEO of PAETEC Holding Corp., E. Philip Saunders, chairman of Genesee Regional Bank and CEO of Griffith Energy Inc., and Wayne LeChase, CEO of LeChase Construction Services LLC.

"Dick Kaplan was an easy choice for this year's Vanden Brul Award," says Saunders College of Business Dean Ashok Rao. "He is a 'serial entrepreneur' in the true sense of the word, and a successful one at that.



Richard Kaplan, CEO of Pictometry International Corp., will accept his Vanden Brul Award on campus April 19.

"His latest venture, Pictometry International, has contributed significantly to the economic well being of our region, and has done so largely with graduates from RIT," Rao notes. "More importantly, he is an effective and articulate spokesperson for the Rochester business community."

Kaplan says he was dumbfounded when he got news about the award. "I consider this to be the most prestigious award in Rochester for business and it was a great one to win."

Pictometry's geospatial imaging is somewhat revolutionary, according to Kaplan. "The software offers bird's eye views of property, buildings, highways, and you can even see the fire hydrant next to your house," he explains. "Unlike getting information from satellites, like Google Earth, low-flying planes from a few thousand feet take photos of the landscape at 40-degree (3D-like) oblique angles. With our software, you can measure distance, height, elevation and area directly from the images. The system has been used for homeland security, law enforcement, 9-1-1 emergencies, transportation, utilities and businesses, and now the images are available to the public through Microsoft."

Like many entrepreneurs, Kaplan typically works 10-hour days and in between serves as vice president

of the Rochester Angel Investment Network, chairman of the Rochester Broadway Theatre League, and is Vanden Brul Award, page 4

## RIT gathering to explore remote sensing, regional economy

Evolving national and international concerns related to emergency preparedness, particularly as they relate to homeland security, are driving the growing demand for remote-sensing technology. How can regional resources and RIT's expertise in that area help expand economic development across upstate New York?



Michael Relyea

That question serves as the foundation for the IT Collaboratory 2007 Research Symposium. The event will be held at RIT on April 17 and is intended to create and support research interaction among the IT Collaboratory's university partners,

along with industry and government research sponsors. This year's symposium will focus exclusively on remote sensing.

Issues related to the economic and policy side of the symposium will be addressed in presentations by Michael Relyea, executive director of the New York State Office of Science, Technology and Academic Research (NYSTAR); and Michael Balboni, deputy secretary to the governor for public safety.

"The role of the keynote speakers is to address the broader concept of how these technologies are going to improve the area's business opportunities and economic development," states Mike Dwyer, director of RIT's Research Relations Office.

Speakers from the technology side of the event include Joseph Westbay, vice president of engineering for the Space Systems Division of ITT Corp.; Charles Mondello, senior vice president of corporate development at Pictometry International; and Earnest Reith, director of the InnoVision Full Spectrum Office at the National Geospatial-Intelligence Agency.

Both ITT and Pictometry employ a growing number of people locally in the manufacture of remote-sensing technology. Dwyer says that by combining RIT's leadership in

Remote sensing, page 4

### RIT hosts seventh annual Shadow Day



A. Sue Weisler | photographer

A group of about 60 high school girls "shadowed" RIT faculty and student mentors during the seventh annual Shadow Day, March 23, sponsored by RIT's Society of Women Engineers. Karl Hirschman, Micron Technology Professor of Microelectronic Engineering and director of RIT's Semiconductor & Microsystems Fabrication Laboratory, far left, displays computer wafers to the girls. The students explored a variety of engineering and engineering-technology disciplines through hands-on activities, attended classes and spent a night in an RIT residence hall.

## University News brings Big Shot activities home



The Pile Gate is the subject of this year's Big Shot.

RIT University News is sending writer Kelly Downs to Dubrovnik, Croatia, for the "Big Shot" photo project. The RIT community will be able to follow along on her Croatian adventure April 7-15. Downs will provide a window into life in Dubrovnik as well as preparations leading up to the Big Shot. Regular blog entries on The Tiger Beat and audio podcasts will be posted at [www.rit.edu/news](http://www.rit.edu/news).

RIT's School of Photographic Arts and Sciences has been working closely with RIT's American College of Management and Technology in Dubrovnik to coordinate this international photomaking event, which will take place Tuesday, April 12.

The Big Shot requires hundreds of volunteers to paint the subject area with flashlights and camera flash units while RIT photographers shoot an extended exposure.



Kelly Downs

## Convocation moves to outside venue

To better accommodate the volume of guests anticipated for Commencement 2007, RIT President Albert Simone has authorized moving Academic Convocation to an outdoor venue on campus.

On Friday, May 25, President Bill Clinton will serve as keynote speaker at Academic Convocation, which was originally planned for the Gordon Field House and Activities Center. Since the anticipated audience far exceeds the capacity of that facility, the event will now take place on U Lot, directly south of the Student Alumni Union. Open air seating is expected to accommodate nearly 13,000 people.

Tickets are required for attendance to Academic Convocation. Each graduating RIT student will be eligible for an initial distribution of up to three general admission guest tickets. Procedures for the distribution of any remaining tickets have been established and are described on RIT's Commencement Web site at [www.rit.edu/commencement](http://www.rit.edu/commencement).

Individual college ceremonies are unaffected by this change. Tickets are not required for those ceremonies, and there are no restrictions on the number of guests a graduate may have in attendance. ■

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### In the community

RIT students help youngsters create photo book, page 2

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RIT professor studies social computing and virtual networking, page 3

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**Lights, camera, action!**

One of the components of making a memorable film is the synergy among the scriptwriters, cinematographers, editors, special effects and sound technicians. School of Film and Animation students hope to captivate audiences when presenting their senior thesis projects April 6 at various on-campus locations. Visit [www.rit.edu/~asoph/craft](http://www.rit.edu/~asoph/craft) for details.

**Performing Artists concert**

Pianist Jon Nakamatsu will be joined by Rochester Philharmonic Orchestra performers Kenneth Grant and Melissa Matson at 8 p.m. April 13 in the Student Alumni Union's Ingle Auditorium.

Tickets—\$6 for students, \$14 for faculty, staff and alumni and \$20 for the general public—can be purchased at the SAU Candy Counter, by calling the Gordon Field House at 475-4121 or at the door on concert night, if available. Visit [www.davidigital.com/concert](http://www.davidigital.com/concert) for information.

**Technical director named**

Michael Thurston was recently selected to serve as technical director of the Systems Modernization and Sustainment Center, one of the main research entities within RIT's new Sustainability Institute. Thurston will manage research activities for the center, which is currently undertaking multi-million dollar projects in the areas of life-cycle engineering and alternative energy.

**Onthepod**

with Mike Saffran  
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On "Dateline: RIT – The Podcast," hear remarks from two of four RIT experts recently quoted in *The Wall Street Journal*. In the article "When Neighbors Become Rivals," Frank Romano, professor emeritus from the College of Imaging Arts and Sciences, discussed the new Kodak-Xerox rivalry in the realm of digital printing and gave his thoughts on how it affects the industry's future.

And RIT public policy professor Ron Hira, author of *Outsourcing America* and one of the nation's preeminent authorities on job offshoring and outsourcing, recently took part in a one-on-one online debate on WSJ.com—the newspaper's Web site—about foreign-worker visas.

Hear both experts' comments on the March 22 episode, available at [www.rit.edu/news](http://www.rit.edu/news) (see "Latest Podcasts").

In addition, hear summary coverage of the appointment of William Destler as RIT's ninth president, effective July 1, on the March 8 episode of "Dateline: RIT – The Podcast."

Finally, for a preview of this year's "Big Shot" photography project, April 12 in Dubrovnik, Croatia, listen to a conversation with "Big Shot" organizer Bill DuBois, student Tyler Joyce and Kelly Downs, of RIT University News. "Destination Croatia: A Preview of RIT's 2007 'Big Shot'" is also available at [www.rit.edu/news](http://www.rit.edu/news).

See you on the pod!

**PUB helps youngsters create 'masterpiece'**

Rochester City School District students unveiled a book of their best photography March 30—and RIT students helped to make it all possible.

The two groups joined forces to produce a book that features each of the city school students' best photography work, as well as their personal writing. This year's edition was presented during an awards ceremony at City Hall.

The project derives from an annual collaboration between PUB, a project-based student organization in RIT's School of Print Media, and the Wilson Foundation Academy Photo Club, which is a Community Darkroom program at the Genesee Center for the Arts.

"The book provides a sense of completion and achievement for the students," says Sharon Turner, who heads the Community Darkroom program. "It honors the quality of the students' work because the book is so creative and professional."

Participating city school students, all of whom are in grades 7-9, are instructed by a diverse group of photo professionals, including RIT students and alumni. The primary responsibility of the PUB students is to help publish the work by teach-



Submitted by Shannon Dailey

An exhibit at Rochester City Hall featured photographic works from a book created by RIT students and Rochester City School District youngsters.

ing photo scanning and the use of software such as Adobe Photoshop and Adobe InDesign.

"RIT PUB students hear about what a wonderful experience it is to work with the Wilson Academy students from previous PUB participants and sign up," says Katharine Benson, a fourth-year graphic media major and the PUB Community Darkroom project manager. "The Wilson Academy students' dedication to the program and their willingness to listen and learn is refreshing."

This year, the students also produced a smaller project. PUB helped the youngsters design personalized wire-bound notepads. Each notepad, in addition to featuring original photo prints, has a personalized message that each student was able to create.

Their efforts didn't stop there, however. PUB members bound each of the 200 notepads by hand before giving them to the students. Each student received six 3-inch by 5-inch notepads. ■

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A. Sue Weisler | photographer

Donald Langenberg, professor of physics and chancellor emeritus at the University of Maryland, leads members of the Middle States evaluation team in learning more about the state of RIT. An open forum was held in Xerox Auditorium on March 21 to offer faculty and staff an opportunity to express their views regarding the university's future. The team's three-day visit to campus is among the final stages in the reaccreditation process.

A showcase of RIT history



A. Sue Weisler | photographer

Sasha Malinchoc, a third-year biomedical science student, examines one of the pieces on display at the March 27 opening of the RIT Museum on the third floor of Wallace Library. The museum is an environment for learning about RIT's history and will offer opportunities to display artifacts, documents, photographs and art that tell the RIT story. The first exhibit focuses on RIT students.

Kids' night to party



Submitted photo

RIT's Student Athlete Advisory Committee and student athletes hosted more than 200 Rochester-area youngsters for Kid's Night Out, March 16. The kids participated in relay races, soccer, capture the flag, balloon stop and face painting. An appearance by "Ritchie," the Tiger mascot, rounded out the evening's activities.

**RIT to host linguistics conference this fall**

RIT does not have a linguistics department. But thanks to the efforts of Hiroko Yamashita, the university will host a major linguistics conference in September



Hiroko Yamashita

in collaboration with the University of Tokyo and the University of Illinois at Urbana-Champaign.

Yamashita, associate professor of Japanese and chair of the foreign language department, recently won a National Science Foundation grant for \$17,915 to organize the two-day event Sept. 21-22, the International Conference on Processing Head-final Structures. Since 1991, only three related conferences have been held about head-final languages, a small subfield within psycholinguistics.

Psycholinguists like Yamashita study how people understand languages by identifying key words and phrases. They study how speakers of different languages intuitively know how to parse sentences and, likewise, how nonnative speakers learn new languages.

Scholars from around the world will convene at RIT next fall to share research on languages that rely on a different type of sentence structure than used in English. The important words found at the beginning of English or most European languages—the verb, for instance—is found at the end of sentences in Japanese, Korean, Hindi, Basque, and in some Chinese and German constructions. This group of languages has a "head-final structure" because the critical parts of the sentence—known in linguistic circles as the "head"—are placed at the end or in the "final" position. Conversely, English has a "head-initial structure" because the important information comes first.

Basic psycholinguistic research has applications in reading research, language teaching and assisting people with language disorders, as well as in computer software that understands human language and translates foreign languages.

"Humans have an abstract mechanism that makes them understand all types of sentences, even when they potentially have more than one way of interpretation," Yamashita says. "We do it so effortlessly, but do not know how we do it. Finding out the abstract mechanism is the crucial departure to applications to other areas."

Second language acquisition is another important aspect of psycholinguistic research that scholars will explore at the conference.

"How do learners of head-initial languages acquire head-final languages that are totally foreign to them?" Yamashita asks. "What is the challenge to them? What is the process? And how do they master different structures?"

One of the leaders in the field, Janet Dean Fodor, will be among the scholars lending insights to these questions. Fodor, a professor at the City University of New York, will give the keynote speech.

"Janet Dean Fodor is a legendary figure in psycholinguistics and also was the first to expand the scope of the field to head-final languages two decades ago," Yamashita says. "It is such an honor to have her as a speaker at this opportunity to further advance the field."

Yamashita hopes the conference inspires other faculty members at RIT to pursue collaborations within the university and beyond its borders. "I might be the only psycholinguist on the RIT campus working on Japanese," Yamashita says, "but I was able to get support of relevant people all over the world, as well as those on campus. I would like to make this an example for collaborating. With today's technology, distance is not a problem."

RIT's College of Liberal Arts and the Department of Foreign Languages, University of Richmond and University of Rochester are also supporting the conference. The talks are free and open to the public. However, registration is required for the receptions. For information, visit [www.rit.edu/~hfconf](http://www.rit.edu/~hfconf). ■

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Carol and Al Simone

## SimonetributeJune16

President Simone likes to say: "How you start is how you finish."

RIT is planning a fantastic finish for Al and Carolie Simone with a community tribute on June 16. The gala event starts at 6 p.m. in the Gordon Field House and Activities Center. The night will include a reception, dinner, program and dancing to the Gap Mangione Band. The legacy of President Simone's 15-year presidency and Carolie Simone's involvement in the community will be highlighted throughout the evening.

Tickets are \$100. For information, contact Cindee Gray, associate vice president for Government and Community Relations, at 475-4987 or [csggrl@rit.edu](mailto:csggrl@rit.edu).

Meanwhile, June 15 will be proclaimed "Albert J. Simone Day" in Monroe County and the City of Rochester. A 10 a.m. ceremony will be held in the administrative circle near the Sentinel sculpture. ■

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# Professor studies social computing

## Research results in two-year NSF grant to develop new course

How students network online and form virtual communities that extend beyond the university is the focus of professor Susan Barnes' latest study in social computing.



Susan Barnes

Barnes, professor of communication, recently won a two-year, \$149,786 grant from the National Science Foundation to develop an undergraduate online course in the new discipline of social media.

Social media or social computing is the use of software to facilitate social and organizational interaction and encompasses e-mail, instant messaging, interactive Web sites and blogs.

"Social networking is not just Facebook," Barnes says, referring to a Web site popular among college students. "It's peer-to-peer sharing of information. It all ties in with user generated control. It's such a new medium and people don't know where it's going, so we need to look at it."

The project represents a col-

laboration between the College of Liberal Arts and the B. Thomas Golisano College of Computing and Information Sciences, and is the first NSF-funded study for the Laboratory for Social Computing. Barnes, a co-director of the lab, will head a research team including Christopher Egert, assistant professor of information technology, Stephen Jacobs, associate professor of information technology, and Nicholas DiFonzo, professor of psychology.

The course will be offered in spring 2008 to 90 students and will double as a case study of technology and social networking. It will enable Barnes' team to compare and contrast students' ability to network and problem solve in three different online environments.

Students will be given social computing tasks to complete in the online environments of myCourses, a text-based format; Second Life, a virtual-world software in which students create avatars, or visual computer representations of themselves; or a third environment that will be a form of open-source software, which users can modify. The professors will track where their students go online,

what social networks they form and how those networks extend to experts not affiliated with RIT.

The text-heavy myCourses and the graphic world of Second Life are "radically different," Barnes says. She is interested to see which environment will foster use in group interaction. "Second Life is more like a game world, which could be a distraction. Because of the visuals, it may get students more engaged, or it may not. Is it a trend or is it really going to help education?"

Barnes' project has implications for online teaching. One of the questions she hopes to answer is whether social computing brings "the industry into the classroom" through networks that grow to include outside sources.

The interplay of different online environments will also provide other pedagogical insights.

"How students interact in different environments will tell us a lot about what's going on in online education," Barnes says. "For instance, if students present themselves in different ways, how does this change the class dynamics?" ■

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### News briefs

#### Darwin's reasoning studied

Philosopher and scientist Daniel Dennett will present "Meaning and Morality: Darwin's 'strange inversion of reasoning'" at 8 p.m. April 10 in Webb Auditorium, James E. Booth Building. Dennett will give the final lecture in the Caroline Werner Gannett Project Speaker Series, "Consilience: The Cognitive Revolution."

Dennett, an established author, is professor of philosophy and co-director of the Center for Cognitive Studies at Tufts University.

The event is free and open to the public. For information, call 475-2057 or visit [www.rit.edu/~cwg](http://www.rit.edu/~cwg).

#### Product lines lecture

David Weiss, director of Software Technology Research at Avaya Laboratories, will be the featured guest in the next installment of the Golisano College Dean's Lecture Series.

Weiss will present "Architecture of Product Lines," 1 p.m. April 13 in the Golisano College auditorium. The free, public event will be followed by a reception.

Weiss' talk will focus on the considerations in defining and designing a product line.

#### Imaging science talks

Shouleh Nikzad, head of the Jet Propulsion Laboratory's Nanoscience and Advanced Detector Arrays Group, will present "To See the World in a Grain of Sand: High Performance Silicon Imaging for Astrophysics, Planetary Studies and More" at 4 p.m. April 11 in the Chester F. Carlson Center for Imaging Science, room 1125.

Daniel Huber, systems scientist at the Robotics Institute at Carnegie Mellon University, will talk about "Adding Intelligence to 3D Models of Real-World Environments" at 4 p.m. April 18 in the Carlson Auditorium, room 1125.

The talks are part of CIS Seminar Series, which are free and open to the public. For more information, visit [www.cis.rit.edu/seminar](http://www.cis.rit.edu/seminar).

#### Best paper honors

Two RIT students recently earned honors for best student paper at national conferences. Neal Lafferty, a microsystems engineering Ph.D. student, was recognized for his paper, "Mask Enhancement Using an Evanescent Wave Effect," co-written with Bruce Smith, Intel Professor of Microelectronic Engineering and two others, at Advanced Lithography 2007, sponsored by the International Society for Optical Engineering, Feb. 27-March 2, in San Jose, Calif. It marked the second time an RIT microsystems engineering doctoral student earned the award. Yongfa Fan was honored in 2004.

Brian McShane, a 2006 graduate of the Environmental, Health and Safety Management Masters of Science degree program, was honored for his paper, "Nanotechnology: Is There Cause for Concern?" in the American Society of Safety Engineers' annual professional paper competition. The article was based on McShane's thesis. The award will be presented in Orlando, Fla. later this year.

### A celebration of Latin culture



A. Sue Weisler | photographer

The staff of Gracies, the dining hall located in the Grace Watson Building, celebrated Latin culture March 28 with entertainment from Noel Leon Y Su Orquesta, above, and offered guests traditional Latin cuisine such as chimichuri beef, arroz con pollo soup and Spanish paella, among other delicacies.

### Communicating their ideas



A. Sue Weisler | photographer

RIT student Jennifer Palumbo presented her paper on public service announcements during the fourth annual Conference for Undergraduate Research in Communication March 22. Eleven colleges and universities from across New York state were represented at the conference, which was sponsored by the Department of Communication. This year, the students didn't just present their research papers—they had them published. RIT published the papers in an "on-demand" format, allowing people to place their orders and have the book delivered to their doorstep within days.

### Securing their network and first place



A. Sue Weisler | photographer

Team Microsecond members, pictured left to right, Laura Guay, Tom Haskell, Jason Koppe, and Chris Mahood, won first place in the annual "Build and Defend Your Digital Fortress" computer security competition. Team Microsecond beat six other student teams. The teams, comprised mainly of networking, security, and systems administration majors, spent about 30 consecutive hours building and defending their computer networks from attacks launched by a team of engineers from McAfee Inc., sponsor of the competition. The goal of the competition is to expose students to real-world types of computer security threats.



A. Sue Weisler | photographer

Anthony Capobianco, far left, a fifth-year mechanical engineering major and Formula team project manager, shows off last year's car.

## Toyota reps visit Gleason College New lab is established with \$100K gift

RIT's Kate Gleason College of Engineering celebrated Toyota Day March 27 by welcoming representatives from the firm, which gave RIT \$100,000 to establish the Toyota Production Systems Laboratory in the Department of Industrial and Systems Engineering. The lab will support a new required course, Design and Analysis of Production Systems, beginning next year.

"This will provide a wonderful opportunity for our students to be exposed to the innovative principles and philosophies of what is a model

for contemporary production systems at companies across the world," says Jacqueline Mozrall, associate professor and department head of industrial and systems engineering. "I congratulate Dr. Andres Carrano for leading this effort and for his vision of creating a hands-on learning environment around these principles."

Representatives from the auto manufacturer also toured the James E. Gleason Building, including the Formula SAE racing team's machine shop. ■

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A. Sue Weisler | photographer

Cuban-American composer Tania León visited the RIT campus for the Rochester premiere of *Atwood Songs*, her vocal-instrumental work based on five poems by author Margaret Atwood. León and Atwood attended the RIT and University of Rochester-sponsored event March 27 and discussed their own creative process. León is shown here talking to a class of RIT music students.

Produced by University News Services, Building 86, 132 Lomb Memorial Drive, Rochester, N.Y. 14623 (585) 475-5064 / (585) 475-5097 (fax) news&events@mail.rit.edu, www.rit.edu/news  
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active in community organizations such as Sojourner House, Wilson Commencement Park, Camp Good Days and Special Times, Martial Arts Center of Rochester and the Center for Government Research.

Surprisingly enough, Kaplan's favorite vacation spot is Walt Disney World in Orlando. "To me it's the eighth wonder of the world and I love everything about it—the Magic Kingdom and Space Mountain, MGM's Tower of Terror, and Epcot."

In a few years, Kaplan and his wife, Marcia, will be able to take their three granddaughters to Disney. "My son, Darren, lives in Atlanta and he and his wife, Amara, have two daughters. And my daughter, Neely, and her husband, Aaron Pusatari, live in Rochester with their new baby girl."

Since Kaplan attended both RIT and the State University of New York at Buffalo, where he studied accounting and economics, he has not been a stranger to RIT—serving as chairman of the advisory board for the Chester F. Carlson Center for Imaging Science and on the board of Venture Creations.

"Plus, 60 to 70 percent of our employees are graduates of RIT,"

says Kaplan. "If it weren't for this university, Pictometry wouldn't be here—we wouldn't exist." ■

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### Batter up



A. Sue Weisler | photographer

Yoonzi Na, a first-year nutrition management student, whisks some crepe batter in preparation for the 22nd annual "Puttin' on the RITz" dinner, which was held March 31.

## Remote sensing from page 1

developing this technology, the potential to exploit remote sensing for the benefit of regional economic development is significant.

The symposium also features breakout sessions that explore research results in a variety of technical topics. "Each session is charged with talking about technology challenges and opportunities—how we can work together to create solutions to problems that these companies and agencies are facing," explains Dwyer.

Implications for emergency preparedness are among the key areas of focus. Vincent Amuso, RIT associate professor of electrical engineering, leads one session on how sensors aid surveillance in dynamically changing environments. Another presentation, led by Harvey Rhody, director of RIT's Laboratory for Imaging Algorithms and Systems, explores systems to deliver critical information to the responder community.

The interaction between researchers and sponsors of the symposium highlights the goal of NYSTAR to increase economic success in New York using collaborative university-based research as the catalyst. The agenda is designed to facilitate connections among faculty, scientists and research sponsors while offering unique opportunities for all participants to discuss new ideas in their fields.

The IT Collaboratory is an RIT-led research collaboration with the University at Buffalo and Alfred University. Started in 2001 with a grant from NYSTAR, the IT Collaboratory targets the creation of key technologies, knowledge, and capabilities to design and integrate next-generation information technology systems. In addition to remote sensing, the center focuses on research related to microsystems, photonics and nanomaterials.

For more information on the IT Collaboratory 2007 Research Symposium, visit [www.rit.edu/IT-Coll/symposium](http://www.rit.edu/IT-Coll/symposium). ■

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## Newsmakers

**Scott Anson**, assistant professor of manufacturing and mechanical engineering technology, presented a paper, "Analysis of Lead Free Tin-Silver-Copper and Tin-Lead Solder Wetting Reactions" at the American Society of Mechanical Engineers International Congress and Exposition in November. **Jacob Slezak**, a graduate research assistant, co-authored the paper.

**Amit Batabyal**, the Arthur J. Gosnell Professor of Economics, published "A Note on Common Infections and the Non-Antibiotic Treatment Option" in a February edition of *Stochastic Environmental Research and Risk Assessment*. He presented "A Differential Game Theoretic Analysis of International Trade in Renewable Resources" at the 46th Annual Meeting of the Western Regional Science Association in February in Newport Beach, Calif.

**William Basener**, assistant professor in the School of Mathematical Sciences, wrote *Topology and Its Applications*, published by Wiley-Interscience. The book provides a foundation for general, geometric, differential, combinatorial and algebraic topology.

**Paul Craig**, professor of chemistry, co-wrote with **Laura Grell** and **Christopher Parkin** "EZ-Viz, a Tool for Simplifying Molecular Viewing in PyMOL," published in *Biochemistry* and the November/December 2006 edition of *Molecular Biology Education*. EZ-Viz is a plug-in for PyMOL, a not-so-user friendly molecular modeling program. EZ-Viz gives educators and researchers easy access to many of PyMOL's powerful features. Grell and Parkin contributed to the project and paper as undergraduates in RIT's bioinformatics program.

**Chris Jackson**, professor, School of Design, co-authored the book *Flash 3D: Animation, Interactivity, and Games through Focal Press*. The book provides practical techniques and exercises that demonstrate how to conceptualize and build a variety of interactive 3-D solutions within the traditional 2-D Flash environment.

**Santosh Kurinec**, professor and department head of microelectronic engineering, gave a presentation about RIT's microelectronic engineering program to the Semiconductor Industry Association Public Policy Committee meeting, Jan. 23-24, in Washington, D.C. She also discussed future workforce and research trends in the semiconductor industry with congressional representatives at the U.S. Capitol.

**Albert Paley**, Distinguished Professor and Charlotte Fredericks Mowris Endowed Chair in the School for American Crafts, has two new installations. Klein Steel in Rochester commissioned Paley to create the sculpture *Threshold* at its corporate headquarters. The Memphis Brooks Museum of Art in Memphis, Tenn., recently installed a major gate, *Memphis Portal*, at its entrance. The gate, weighing more than 10,000 pounds, is one of the largest forged metal gates in the country.

**Jim Perkins**, professor of medical illustration, was inducted as a Fellow of the Association of Medical Illustrators at its 61<sup>st</sup> annual meeting in August. At the meeting, Perkins also received the 2006 AMI Literary Award for his article, "A History of Molecular Visualization: 1800-Present," published in 2005 in the journal, *The Journal of Biocommunication*.

**Andrew Phelps**, director of game design and development in the B. Thomas Golisano College of Computing and Information Sciences, has been named to the executive committee of the IEEE Computing Task Force on Game Technologies. The purpose of the task force is to serve as liaison between the IEEE-Computer Science group and the gaming community and to begin to look at emerging curricula in this area.

**Michael Starenko**, instructional designer, Online Learning, presented "Developing Campus and Online Faculty: Finding Common Ground in Blended Learning" at the Sloan-C International Conference on Asynchronous Learning Networks, Nov. 9, in Orlando, Fla. Sponsored by the Alfred P. Sloan Foundation, the conference is the preeminent gathering of higher education faculty, administrators and professions in the online learning field.

## Networking for their futures



A. Sue Weisler | photographer

Sherry Shimizu, a packaging science student, meets with a representative from Hammer Packaging at the Spring Career Fair, held March 28. More than 2,200 students and alumni filled the Gordon Field House and Activities Center to network with employers. With 207 employers in attendance, it was the largest career fair in RIT's history. The event featured a wide variety of companies from across the country, including ESPN, Microsoft and Toyota.

## Obituary

Donald Bujnowski, professor emeritus, School for American Crafts, Jan. 8.