

## Xerox president to deliver 2009 commencement address

Ursula Burns, president of Xerox Corp., will be the keynote presenter for RIT's 124th Commencement. Burns will deliver her address during Academic Convocation,

4 p.m. May 22, in the Gordon Field House and Activities Center.

Burns, who is also a member of the Xerox Board of Directors, is responsible for the company's global research, development, engineering, marketing and manufacturing of Xerox technology, supplies and related services. She also oversees global accounts, information management, corporate strategy, human resources and ethics, and marketing operations.



Ursula Burns

Burns joined Xerox in 1980 as a mechanical engineering summer intern, leading to several positions over the years in engineering including product development and planning. In 1991, she became the executive assistant to Paul Allaire, former Xerox chairman and chief executive officer.

From 1992 to 2000, Burns led several business teams including the office color and fax business, office network copying business, and the departmental business unit. In 2000, she was named senior vice president for corporate strategic services, and two years later assumed the role of president of business group operations.

She serves on professional and community boards, including American Express Corp., Boston Scientific Corp., CASA—The National Center on Addiction and Substance Abuse

at Columbia University, FIRST (For Inspiration and Recognition of Science and Technology), National Academy Foundation, Massachusetts Institute of Technology and University of Rochester.

"RIT is extremely pleased to have Ursula Burns as our 2009 Commencement speaker," says RIT President Bill Destler. "She is recognized as one of the most influential figures in the global business world. She is the perfect role model for our students. They will learn that with hard work and perseverance, you can start out as a summer intern and ascend to be a corporate president."

Burns earned a bachelor's degree from Polytechnic Institute of New York and a master's degree in mechanical engineering from Columbia University. ■

Paul Stella | pbscom@rit.edu

## First group of RIT professors share knowledge with Dubai students

It's late August in Dubai: Daniel Tessonni is walking under the blazing sun to the nearest Internet café so he can access his RIT e-mail at a place that boasts the least expensive online connections to the United States.

As an accounting professor in RIT's E. Philip Saunders College of Business, Tessonni is very much aware of getting the most value for the American dollar—similar to many Western visitors to one of the fastest growing centers of world trade—where they sell everything from Starbuck's coffee to diamond-encrusted cell phones.

Practicing what he preaches, Tessonni was in the first wave of RIT faculty teaching in the United Arab Emirates. Others include Sohail Dianat (engineering); James Jacobs (hospitality and service management) and Vic Perotti (business).

RIT Dubai is situated at the heart of a five-square-mile, community development called the Dubai Silicon Oasis. Still in its infancy, the new desert campus is offering master's degree programs in finance, human resource development, service leadership and innovation, electrical engineering, mechanical engineering, and networking and systems administration.

There are approximately 30 students registered in the RIT/M.S. degree programs, but expectations remain optimistic for enrollment to reach 200 by next fall. According to Greg Van Laeken, business manager and analyst for global programs at RIT: "Dubai officials are estimating there will be 4,000 students on the campus by 2020.

"The Dubai Silicon Oasis is



Submitted photograph

*RIT President Bill Destler, along with his wife, Rebecca Johnson, and an official from the Dubai Silicon Oasis, view a model of the mega-complex that is home to RIT Dubai.*

expanding rapidly with construction soon to begin or already underway on various shopping centers, villas, high-rise apartment buildings, a hospital, hotel, and even a private high school."

Meanwhile, it was literally "down to business" for Tessonni and Perotti, who had to work out all the kinks in a startup educational environment. "I had four students including a medical doctor and a pilot for Emirates Airlines," says Tessonni, "and we worked together to get over the hurdles of teaching and learning in a smart classroom."

As Perotti explains in an RIT blog, he was impressed with the fast data connections and laptop-friendly spaces in hallways, but ended up needing help from RIT Dubai President Mustafa Abushagur, who tutored Perotti in usage of a Promethean smart board.

"Dr. M. trained me on the first day to use them, and I never looked back," says Perotti who teaches statistics. "Writing on the board captures

your scrawl forever. Do you want to move the equation you just wrote? Use your pen to drag it somewhere else—or change its color, resize it. At the end of the day, you can export everything to a PDF (or other formats) so the students can have it as an archive. Crazy good."

Tessonni says the intensified week of classes in Dubai is identical to the Saunders College's condensed, fast-track program available here at RIT.

"It's the same book, same syllabus, same evaluation process, same tests—only we complete the course during four sessions through online learning, a process which I am still getting used to," Tessonni explains.

"Although I have a laptop with a camera and I can see my students and they can see me, I'm still the stand-up lecturer as I pepper them with questions as I would under normal classroom conditions. It's teaching as usual, only my students are located in Dubai." ■

Marcia Morphy | mpmuns@rit.edu

## Brick City Homecoming Oct. 8-12

Major entertainment, as well as alumni and family activities, are just a few of the highlights of RIT's Brick City Homecoming festivities Oct. 8-12.

Festivities kick off Oct. 8 with The Capitol Steps, a comedy troupe made up of current and former Congressional staffers. Scientist, inventor, comedian and author Bill Nye will serve as this year's Horton Distinguished Speaker on Oct. 11, and Jimmy Fallon, former star of *Saturday Night Live* and soon-to-be host of NBC's *Late Night*, highlights the weekend's entertainment



with a comedy performance during the evening of Oct. 11.

For a detailed schedule of the weekend's activities, or for ticket information, visit [www.rit.edu/brickcity](http://www.rit.edu/brickcity).

## Images from Science renews photographic spectacle

Acclaimed scientists and photographers from around the world will share their scientific research, discoveries and observations of natural wonders in an international photography exhibition opening this month at RIT.

RIT's School of Photographic Arts and Sciences will host Images from Science 2 featuring 61 photographs from various scientific disciplines including astronomy, biology, engineering, medicine, oceanography, physics and nanotechnology. The opening, at 7 p.m. on Saturday, Oct. 11, takes place in SPAS Gallery, third floor of the Frank E. Gannett Building. The *Images from Science*, page 4



Photo submitted by David Paul

*Cover of the full-color catalog, Images from Science 2, featuring an image of an octopus paralarvae.*

## Imagine RIT call for proposals

Imagine RIT: Innovation and Creativity Festival is returning for its second year, and it's time to start getting involved. Imagine RIT chairman Barry Culhane and the festival's program committee have issued a call for proposals to participate in this year's festival, which takes place from 10 a.m. until 5 p.m. Saturday, May 2.

"Imagine RIT is a great opportunity for students, faculty and staff to showcase their innovative and creative work to thousands of visitors," says Culhane.

Organizers predict the festival will continue to grow.

"Approximately 1,000 RIT community members participated in last year's festival, and we anticipate even more will participate this year,"



says Andrew Quagliata, chair of the program committee.

Students, faculty and staff are encouraged to visit [www.rit.edu/imagine](http://www.rit.edu/imagine) to submit their

proposals. All information, including contact information, exhibit descriptions and service requests, will be submitted through this one location. Registrants are encouraged to list the names of everyone involved in their exhibit, as all exhibitors will be provided with a free T-shirt to wear on May 2.

Proposals will be accepted into the spring quarter, but only those received by Jan. 23, will be eligible for consideration to be displayed in the WOW! Center (Gordon Field House and Activities Center). ■

John Follaco | jpfuns@rit.edu

### On exhibit

**Bevier Gallery show displays digital creations, page 2**

### Awards, distinctions

**RIT students earn a spot in gaming expo, page 3**

### Research and Scholarship

**High gasoline costs prompt study of hydrogen-based fuel, page 3**



### Newsmakers

**Your colleagues' latest accomplishments, page 4**



Ethics lectures on deck

Free upcoming lectures sponsored by the Department of Philosophy and the Ezra A. Hale Chair in Applied Ethics include:

“Visiting Low-Income People—Education or Exploitation?” by Kevin Otterson, professor, Boston University School of Law, 4 p.m. Oct. 2, Chester F. Carlson Center for Imaging Science auditorium. Otterson’s talk is co-sponsored by the Department of Computer Science.

“A Better, More Sustainable World,” by Peter Singer, philosophy professor, Princeton University, with an introduction by RIT President Bill Destler, 2:30 p.m. Oct. 3, B. Thomas Golisano College auditorium.

“E-Voting: How to Count 110 Percent of the Vote or More! Technological Determinism and the Limits of Professional Responsibility,” by Don Gotterbarn, professor emeritus, East Tennessee State University, 4 p.m. Oct. 16, Chester F. Carlson Center for Imaging Science auditorium. Gotterbarn’s talk is co-sponsored by the computer science and software engineering departments.

“Explanation and Scientific Progress: The Case of Quantum Entanglement,” by Arthur Fine, philosophy professor, University of Washington, noon Oct. 17, E. Philip Saunders College of Business, room 3215.

For information, contact Evan Selinger at emsgsh@rit.edu or 475-2531.

Foreign Language Fair

Languages and cultures of the world will be celebrated during a Foreign Language Fair 11 am.-2 p.m. Oct. 11 in the Al Davis Room of the Student Alumni Union. Participants will learn greetings in different languages, find out about study abroad opportunities, sample international gourmet food and enjoy ethnic music and dance performances. The free event is sponsored by the Department of Foreign Languages in the College of Liberal Arts. For information, contact Philippe Chavasse at pxcgsl@rit.edu or 475-3156.

Grant aids new program

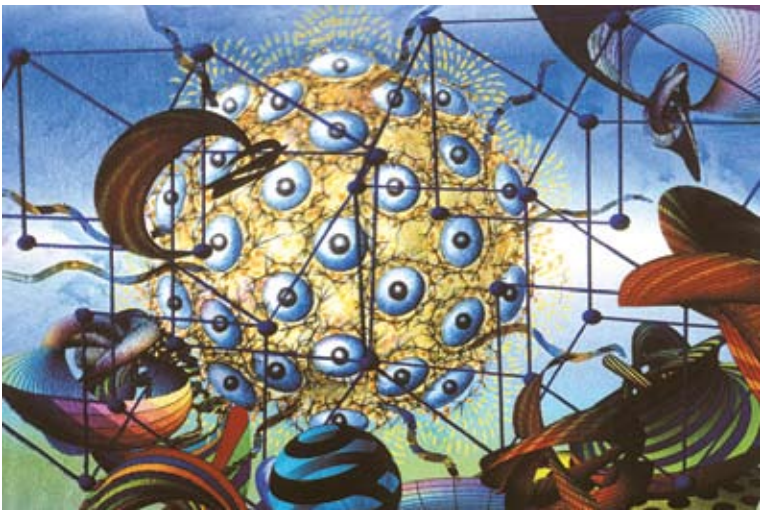
The College of Applied Science and Technology’s Department of Mechanical and Manufacturing Engineering Technology has received a \$125,000 grant from the U.S. Nuclear Regulatory Commission and a \$45,000 gift from Constellation Energy to assist in the development of a new concentration in nuclear engineering technology. The current proposal would lead to the creation of five new courses in the area and, eventually, new minors in nuclear engineering technology and health physics.

Software license donation

NTID’s arts and imaging studies program received a software licensing donation from QuarkXPress 8. This is the latest donation from Quark Inc., which has given other licensing donations to NTID in the past.

Building name change

The building formerly known as Alexander Graham Bell Hall has been renamed NTID Residence Hall 50C.



Into the Crucible by Alan Singer

Bevier Gallery opens season with digital art exhibition

Artists Karin Schminke, Dorothy Simpson Krause and Bonny Lhotka met while taking an art seminar in Boston, and although their studios are respectively based in Colorado, Massachusetts and Washington, they formed a deep bond as pioneers in printmaking. Together they forged a digital art collaborative, Digital Atelier, and authored a book published in 2004, *Digital Art Studio: Techniques for Combining Inkjet Printing with Traditional Art Materials*.

An inspirational exhibit of 36 original artworks showcasing their innovative techniques spanning the past 10 years will be on exhibit as Bevier Gallery opens the season with

Work from the Digital Art Studio. The show runs through Oct. 15.

“Their artwork is an eclectic mix of images with vibrant originality—representing a kind of cutting edge in printmaking by building lush textures of color and content,” says Alan Singer, professor at RIT’s School of Art. “Digital Atelier’s collective work is a bridge between technology and traditional art.”

Singer extends the range of the exhibition by showing six prints representing recent innovations in printmaking at RIT.

For more information, call 475-2646. ■ Marcia Morphy | mpmuns@rit.edu

Kurzweil ponders the future during RIT lecture



A. Sue Weisler | photographer

Ray Kurzweil speaks to an overflow crowd in RIT’s Gordon Field House and Activities Center during his presentation on the future of technology. Kurzweil, an inventor and best selling author, opened the 2008-2009 Caroline Werner Gannett Project series “Visionaries in Motion” on Sept. 17.

Duddy on legacy of LeRoy airport RIT AUTHORS SPOTLIGHT

Brian Duddy has long been fascinated with airplanes and the history of American aviation. He transformed that enthusiasm into a successful professional career in the U.S. Air Force, which included postings at NATO Headquarters and the U.S. Embassy in Paris.



Brian Duddy

Duddy’s passion for flying was fueled in part by growing up in LeRoy, N.Y., one of the early hotbeds of flying in the country, which hosted noted pioneers including Amelia Earhart and Jimmy Doolittle. Duddy, a senior program manager at RIT’s Golisano Institute for Sustainability, is now shedding new light on LeRoy’s central role in the history of American aircraft through his book, *Wings Over LeRoy: A History of the Donald Woodward Airport*.

“The Woodward Airport housed one of America’s first flying schools and was the home of the *Friendship*, the plane used by Ear-

hart when she became the first woman to make a transatlantic flight in 1928,” notes Duddy. “I had always been interested in learning more about the airport’s history and that interest ultimately turned into a 15-year fact-finding mission.”

Through his work, Duddy uncovered never-before-published photographs of Earhart and the *Friendship* from the airport’s opening ceremony, in October 1928, which still holds the record for the largest crowd in the history of Genesee County—60,000 people.

“It is my hope this book will illustrate the importance of LeRoy in a major chapter in American history while also providing new information on the early history of flight in the United States,” adds Duddy.

The book is available through Amazon, Lulu.com and at Barnes and Noble @ RIT.

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RIT students help WXXI capture Web site honors

WXXI-TV (Channel 21), Rochester’s public broadcasting station, earned a 2008 Parents’ Choice Silver Honor Award for its Web site, homework hotline.org, designed by three RIT students from the new media design and imaging program. The Web site, launched last fall, accompanies WXXI’s live call-in television show by the same name. *Homework Hotline* airs on public television throughout New York state.

Colin Nelson served as lead developer on the project and Nicole La Grasso and Carol Cullather were the

designers/animators. The students developed the Web site for their Emerging Multimedia class taught by Jason Arena, associate professor in the School of Design.

Searchable videos of actual math and science homework problems solved by students and teachers are featured on the Web site along with segments on science, health, New York state history, the environment and language arts.

The site bested other Web sites including ones submitted by *National Geographic* and Disney. ■ Kelly Downs | kaduns@rit.edu



A screen shot of the winning WXXI-TV Web site for Homework Hotline

Award will fund development of Web-based publishing system

RIT was selected as one of 34 universities in the world to receive an HP Labs Innovation Research Award, designed to encourage open collaboration with HP Labs, HP’s central research arm.

RIT faculty and student researchers will work on a research initiative focused on developing a Web-based publishing system to gather content from online repositories such as wikis and blogs and transforming the content into well-designed printed documents.

The Open Publishing Lab at RIT is spearheading the research. The lab is a cross-disciplinary center dedicated to researching and developing innovative, open source applications for publishing across various media. Based in RIT’s School of Print Media, the Open Publishing Lab brings together faculty and students from numerous disciplines including print media, industrial design, graphic design, information technology and software engineering.

Frank Cost, associate dean of



RIT’s College of Imaging Arts and Sciences and co-director of the Printing Industry Center at RIT, is the co-author and principal investigator of the winning proposal titled, “An Automated Framework for Collecting, Tagging, Transforming, and Publishing Web Repository Content to Unified Print Layouts.” Patricia Albanese, Gannett Center for Integrated Publishing Sciences Distinguished Professor in RIT’s School of Print Media, is the co-principal investigator and Matt Bernius, professor in RIT’s School of Print Media, serves as a researcher.

“This project will generate discoveries about methodologies

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Three online winners enjoy the festivities



A. Sue Weisler | photographer

Neil Hair, right, assistant professor of marketing in the E. Philip Saunders College of Business, received the Exemplary Online Faculty Award at the 2008 Online Awards ceremony, Sept. 24. Honorees also included S. Manian Ramkumar, left, College of Applied Science and Technology, who received the Innovation in Teaching and Learning with Technology Award, and Kevin Hinshaw, background, a bachelor’s degree candidate of science, electrical/mechanical engineering technology, who received the Exemplary Online Student Award.



# Commerce secretary visit encourages developing local sustainability production

RIT’s Golisano Institute for Sustainability hosted a Sept. 23 meeting in Rochester that promoted the growing implementation of sustainable production in the area of industrial operations. The event included tours of Eastman Kodak Co., Xerox Corp. and Harbec Plastics Inc., as well as a meeting of the Manufacturing Council, a Commerce advisory body comprised of 15 private-sector executives who reflect a balance of U.S. manufacturing sectors, locations and firm size.

In addition, the Organization for Economic Cooperation and Development, an international body made of the 30 countries with the world’s largest economies, held a meeting of its Expert Advisory Group on Sustainable Production, which is co-chaired by Nabil Nasr, director of the Golisano Institute.

The nationwide effort seeks to highlight sustainable manufacturing success stories and promote

profitable environmentally sound manufacturing practices.

The Commerce delegation was led by William Sutton, assistant secretary of commerce for manufacturing and services.

“American manufacturers’ ability to compete in the global economy is boosted with sustainable production practices,” he says. “Sustainable Manufacturing American Regional Tours showcases U.S. companies that have become more competitive and profitable through sustainability, leading the way into the 21st century economy.”

The development of federal government activities in the area of sustainability have grown steadily as the discipline has become a major component of research and development in environmental management, science and engineering and business administration. ■

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William Sutton, assistant secretary of commerce for manufacturing and services, speaks to local and national industry leaders at RIT’s Golisano Institute for Sustainability Sept. 23. The Golisano Institute hosted the Department of Commerce’s Sustainable Manufacturing American Regional Tour, which highlighted sustainable manufacturing practices by area companies.

## A lasting impression at Park Point



Sarah Ortiz | photographer

President Emeritus Albert Simone visited Park Point at RIT on Sept. 27 for the official unveiling of a bronze statue in his honor. Simone’s daughter, Debbie Denton, far left, and wife, Carol, share a moment with the life-size replica and with the retired president. The plaque at the base of the statue, located near Barnes & Noble, has the following inscription written by Simone: “There is no greater sense of fulfillment than seeing the excitement of students as they learn, the pride of faculty as they pursue scholarship, and the appreciation of the community as it interacts with the university. I have been privileged to be fulfilled in all of these ways.”

## Students earn Expo gaming slot

A team of RIT students proved they know how to create award-winning video games, earning one of 10 coveted spots to showcase an independent video game at the Penny Arcade Expo. The Expo, North America’s largest, most prestigious and comprehensive exposition of gaming and game culture, was held Aug. 29-31 in Seattle.

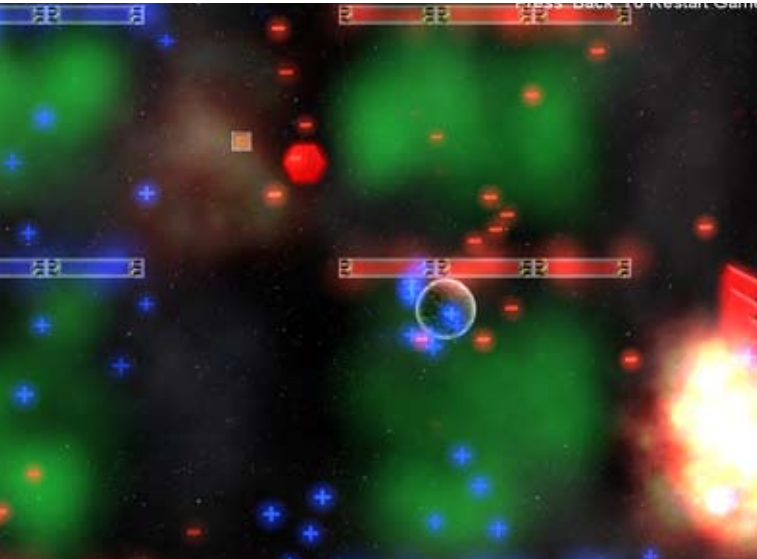
The student team submitted its video game, *Impulse*, to the PAX10 Challenge, a competition among independent game developers from around the world. From more than 80 submissions, a panel of experts from the gaming industry picked the

top 10, based on criteria of playability and fun factor.

RIT students describe *Impulse* as an action and puzzle video game with an emphasis on magnetic and explosive forces in which the player takes command of a ball and uses direct and indirect means to navigate around the environments. To learn more about the game, visit [www.impulse-game.com](http://www.impulse-game.com).

The RIT team was comprised of Dominic Holt, Joseph Plourde, Andy Ray, Paul Solt, Mike Thomas and Andrew Williams, all undergraduate students in the B. Thomas Golisano

Game design, page 4



Screen shot of award winning video game, *Impulse*, created by a team of Golisano College of Computing and Information Sciences students.

## RIT researchers study hydrogen-fuel feasibility

Hydrogen may well be the new gasoline.

But where’s the nearest “gas station” where you can pull up and refuel your energy-efficient vehicle?



James Winebrake

Will hydrogen stations be strategically convenient—located on street corners and travel-stop locations around the globe?

What marketing development obstacles need to be overcome if hydrogen vehicles are ever to penetrate the transportation system and gain widespread acceptance?

According to an article by James Winebrake and Patrick Meyer ’07 (M.S., science, technology and public policy) in *Technovation: The International Journal of Technological Innovation, Entrepreneurship and Technology Management*, there are a number of barriers to overcome before the hydrogen-fuel infrastructure becomes efficient, affordable and publicly accepted. However, both agree the 100-year reign of petroleum as the dominant transportation fuel is coming to an end—due to mounting prices, scarcity and a need to reduce environmentally degrading emissions.

Winebrake, professor and chair of

the Department of Science, Technology and Society/Public Policy at RIT, and Meyer, doctoral candidate at the Center for Energy and Environmental Policy at the University of Delaware, believe the use of hydrogen technology in transportation systems bears a direct relationship to the “chicken and egg” phenomenon.

“Consumers will not purchase hydrogen vehicles if there is no refueling infrastructure to service the vehicles; and the infrastructure development will not occur if there are no vehicles in operation to support it,” Winebrake says.

In the study, the authors created a computer-based model, called H2VISION that simulated the dynamic relationships between vehicle purchases and refueling infrastructure. Using this computer model, they were able to determine how the cycle of vehicle purchases and infrastructure development operates and to propose recommendations to policymakers who aim incentives towards hydrogen transportation.

Some of their recommendations include:

- Initial investment in hydrogen refueling stations should support station “clusters” within urban regions so consumers can easily refuel vehicles.

Hydrogen fuel, page 4

## Your Staff Council representatives



A. Sue Weisler | photographer

Members of RIT’s 2008-2009 Staff Council Executive Committee are (standing, left to right) Sheila Ryan, Becky Kiely, Tonya Brooks and Debra Spencer; (seated, left to right) Laura Stell, Kurt Ingerick and Julia Lisuzzo. Absent from the photo is Paul Maushart. Staff Council is an advisory body to the president, or his/her representative, on issues and decisions which impact RIT. For more information on Staff Council, visit [staffcouncil.rit.edu](http://staffcouncil.rit.edu).

## News briefs

**Vignelli groundbreaking**

The RIT community is invited to attend a groundbreaking for the Vignelli Center for Design Studies in celebration of world-renowned designers Massimo and Lella Vignelli. The ceremony is scheduled for 3:30 p.m. Oct. 7, on the west side of the James E. Booth Building, adjacent to the School for American Crafts.

The new facility will house their entire archive collection. The Vignellis have influenced the world of design for more than 40 years, with collaborative achievements in industrial and product design, graphic and publication design, corporate identity programs, architectural graphics and exhibition, interior, and furniture design. They are longtime friends and supporters of RIT’s School of Design.

**SAU construction project**

Construction is set to begin for the Student Alumni Union renovation project. A Campus Center Construction Kickoff ceremony will be held 3 p.m. Oct. 10 in the Student Alumni Union’s Fireside Lounge. A reception will follow.

During the ceremony, RIT President Bill Destler, vice president for student affairs Mary-Beth Cooper and Student Government president Ed Wolf will unveil the design plans for the new center, which will provide new space for students and student clubs and organizations.

**Public policy lecture**

Corporate control of public policy and what we as citizens can do about it will be the topic of a talk by noted political commentator David Sirota at 6 p.m. Oct. 13 in the Golisano College auditorium.

Sirota wrote *The New York Times*’ bestselling books *The Uprising* and *Hostile Takeover*. He previously served as an aid to U.S. Sen. Bernard Sanders and Gov. Brian Schweitzer of Montana. His presentation will focus on the current state of the U.S. economy.

A book signing will follow the free event.

**Poet, pianist collaborate**

Award-winning poet and playwright George Elliott Clarke and world-renowned jazz composer and pianist D.D. Jackson will perform at RIT as part of the Caroline Warner Gannett Project series, 7 p.m. Oct. 15 in Ingle Auditorium, Student Alumni Union. They will give back-to-back performances, *Bebopera* and *Bebopera Too*, followed by a CD and book signing.

**Federal internships**

RIT is among 12 U.S. colleges and universities selected by the U.S. Department of State to participate in the launch of the Internship Fellow Program. The program aims to identify talented students from schools that have not traditionally been the focus of State Department recruitment efforts. Fellowships will consist of a paid internship, either domestic or abroad, and will be awarded to applicants who exhibit a strong academic record and are interested in learning about a career in the State Department.



Dirt and grime—and a good time



Charles Neumann | photographer

RIT students got downright dirty for a good cause Sept. 20. Greek fraternities Zeta Tau Alpha and Phi Kappa Psi hosted the annual Mud Tug, a tug-of-war competition that brought together teams from fraternities, sororities, residence halls and other campus organizations. All proceeds generated from the event were donated to the national chapter for Breast Cancer Education and Awareness.

Publishing from page 2

for tagging content and metadata when gathering diverse asset types into print documents such as books,” says Cost. “Our cross-repository focus will create knowledge about integrating document services across a wide range of already established publishing platforms. The output of this research will be an open source publishing system that can be used to monetize a wealth of content that already exists via digital print service.”

HP reviewed more than 450 proposals from 200 universities in 28 countries. To learn more about the Open Publishing Lab at RIT, visit [opl.cias.rit.edu](http://opl.cias.rit.edu). ■

Kelly Downs | [kaduns@rit.edu](mailto:kaduns@rit.edu)

Game design

from page 3

College of Computing and Information Sciences. They initially created *Impulse* for a project in their foundations of 2-D graphics programming class taught by Andrew Phelps, RIT’s director of game design and development.

“The PAX10 experience was great,” says Williams, an information technology student. “RIT and Carnegie Mellon were the only two school-developed games (out of 10) to be declared winners. The rest belonged to independent developers and companies. Nearly 58,500 people attended the Expo, and our game received a great deal of consumer and media coverage.”

The PAX10 independent games were exhibited with commercial games developed by SONY, Microsoft, Nintendo, THQ, Blizzard, Namco and others.

Phelps says: “This is an impressive accomplishment because the RIT team competed without any commercial sponsorship or financial backing. This honor reflects well not only on RIT’s game design and development curriculum in preparing students to be competitive in the industry, but also relays the creativity and innovation that are the hallmark of RIT and the Golisano College.”

Phelps also credits Microsoft for its support of RIT’s gaming curriculum. He notes that some of the team members have already been hired by Microsoft Game Studios, while others are pursuing careers outside game development. ■

Sherry Hoag | [slhuns@rit.edu](mailto:slhuns@rit.edu)

Images from Science from page 1

show runs through Oct. 25.

Viewers can see breathtaking images of the tiniest things, from an unknown species of octopus measuring a half-inch in length to nanospheres with a diameter 300 times smaller than a human hair.

To accompany the display, RIT Cary Graphic Arts Press produced a full-color companion catalog of all the images in the exhibition. The publication features an introduction by Martin Scott, a former director of scientific imaging at Eastman Kodak Co. The catalog will be available for purchase online through the RIT Cary Graphic Art Press at [carypress.rit.edu](http://carypress.rit.edu) and [www.amazon.com](http://www.amazon.com).

“The quality of the images is excellent,” says Michael Peres, RIT department chair of biomedical photographic communications, and an exhibit organizer. “All the traditional imaging methods are utilized, including micrography, high-speed nature photography, macro photography, but also some obscure methods such as scanning tunneling microscopy and radiography. It’s fascinating to see what people are currently doing in their respective scientific fields and the types of images they are producing.”

Scientists, photographers and worldwide institutions submitted entries for consideration. A photograph from Lennart Nilsson,

news&events www.rit.edu/newsevents



October 2, 2008 | Volume 41 | Number 3

Produced by University News Services, Building 86, 132 Lomb Memorial Drive, Rochester, N.Y. 14623 (585) 475-5064 | 475-5097 (fax) | [news&events@mail.rit.edu](mailto:news&events@mail.rit.edu)  
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Newsmakers

**Manuela Campanelli**, director of the Center for Computational Relativity and Gravitation, School of Mathematical Sciences, was elected to the executive committee of the Computational Physics Division of the American Physical Society. She presented the talk, Close Encounters of Three Black Holes at a meeting in St. Louis.

**Cheryl Herdklotz**, assistant director of online learning, was awarded the Ronald D. Dodge Memorial Grant for the 2008-2009 academic year for her project, Online Caption Error-Reporting System.

**Michael Radin**, assistant professor, School of Mathematical Sciences, co-authored a paper on Unbounded Solutions of a Max–Type Difference Equation in *Central European Journal of Mathematics*.

**Evan Selinger**, assistant professor of philosophy, presented “Human Exceptionalism: Reflections on Technology, Socialization, and Embodiment” at the Time and Embodied Cognition workshop at the University of Minnesota.

**Lawrence Torcello**, visiting assistant professor of criminal justice, published “Is the State Endorsement of Any Marriage Justifiable? Same-sex Marriage, Civil Unions and the Marriage Privatization Model,” in *Public Affairs Quarterly*, Winter 2008.

**Gladys Winkworth**, professor, American College of Management and Technology in Croatia, published “Cultural Consequences in Opening and Operating an American College in Croatia” in the *International Journal of Knowledge, Culture and Change Management*.

Hydrogen fuel from page 3

■ Government policies should support vehicle markets in refueling infrastructure in order to achieve the greatest market penetration at the least cost.

■ Home refueling of hydrogen vehicles would go a long way to encourage market development, and appropriate government support of home refueling to technologies is needed.

Winebrake, who is also co-director of the RIT Laboratory for Envi-

ronmental Computing and Decision Making, was cautiously optimistic about the prospects of a hydrogen-based transportation sector developing in the coming decades.

“A lot of pieces of the puzzle are still missing,” Winebrake notes. “But with appropriate economic incentives and technological advancement, a hydrogen transportation future may soon be in reach.” ■

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On the lookout for zombies



A. Sue Weisler | photographer

“Zombies” invaded RIT Sept. 15-19, squaring off against “humans” in an epic game of tag. Nearly 500 RIT students participated in the “Humans vs. Zombies” game, where zombies (wearing orange headbands) strive to destroy humans (wearing orange armbands) by hitting them with a Nerf gun or a clean sock “grenade.” Above, humans avoid the dangerous Quarter Mile, opting for the long walk around Andrews Drive.

A call to serve



A. Sue Weisler | photographer

Doug Pietra, director of volunteer services at Rochester General Hospital, connects with members of the campus community including Jennifer Milillo, left, second-year biochemistry major, and Wilma King, associate professor of public relations, during RIT’s annual Community Service Fair. Representatives from nearly two dozen local non-profit agencies were on hand Sept. 17 to offer insights on the services provided by their organizations, including volunteer opportunities. The RIT Leadership Institute and Community Service Center sponsored the event.