

Sentinel story documented in new Albert Paley book

The Sentinel—a 110-ton, 73-foot high towering sculpture of steel and bronze at RIT—is the dramatic focal point on the university's campus and a masterpiece by Albert Paley. The colossal sculpture's creation from start to finish is chronicled in a new book, *Sentinel*, produced by RIT Cary Graphic Arts Press.

Using text and photographs, *Sentinel* tells the story of the sculpture's evolution from an idea conjured up by Paley, to its design, fabrication and installation. The book also includes an in-depth interview with the internationally renowned sculptor about his thought process and the engineering considerations that influenced the Sentinel's design.

Paley was the guest of honor at a formal reception and book signing on campus on Jan. 24. "This book is truly a documentary of the sculpture," says Paley, Distinguished Professor and Charlotte Fredericks Mowris Endowed Chair in RIT's School for American Crafts. "It spreads the image of RIT and the sculpture beyond the campus.



Albert Paley signs copies of *Sentinel*.

A. Sue Weisler | photographer

about the sculpture's place in RIT's unique architectural environment.

"Albert Paley's *Sentinel* succeeds in symbolizing and celebrating the fusion of art and technology at RIT, the hallmark of our university," says RIT President Albert Simone. "The sculpture's strength, beauty and grace spur the imagination and serve as a muse to all of life's possibilities. *Sentinel* tells the story of the Sentinel and captures the sculpture with stunning

photography. Readers will enjoy this book and should consider it an open invitation to visit RIT and see for themselves this remarkable artistic achievement."

The *Sentinel* is Paley's largest commission to date and the largest sculpture on any campus across the U.S.

Sentinel can be purchased for \$35.99 through the RIT Cary Graphic Arts Press Web site at <http://library.rit.edu/carypress>. ■

Kelly Downs | kaduns@rit.edu

And from an educational standpoint, this book is a wonderful teaching tool. There are very few publications like this that document the evolution of a piece of art."

Sam Hunter, professor emeritus at Princeton University Department of Art and Archaeology, contributed an essay in the book on the influence of Paley's work in the context of art history. Jim Yarrington, director of campus planning at RIT, served as editor of *Sentinel* and authored an essay

Women's Council celebrates 50 years of service to RIT

This year, RIT salutes the Women's Council for 50 years of service to RIT.

RIT President Albert Simone calls the council members "key ambassadors." The Women's Council represents RIT in the community by showing a side of the university that is thriving but not always obvious—its culture.

The Women's Council began through the inspiration of RIT's first female trustee, Aileen Vanderbilt Webb. At the time of its founding, Marcia Ellingson was the first lady at RIT. She said, "One of the purposes of our council is to make the community aware of the blending of culture and technology that the institute affords."

From the very first meeting held in the Ellingson home in 1955, the women lost no time in getting down to business. Projects included updating and donating to the RIT library, sponsoring ice cream carnivals in the Ritter Arena and opening their homes to gatherings.

The Council has grown significantly since then as women often invite friends to become involved in the RIT community. There is only one honorary male member of the Women's Council, Al Davis, also



Women's Council of RIT—Mrs. Herman Russell, Mrs. Arthur Ingle, Mrs. Alfred Davis and Mrs. Hollis Todd—in front of Mrs. F. Ritter Shumway's House, circa 1955.

Courtesy of RIT Archives

known as "Mr. RIT."

Davis was the first liaison between the administration at RIT and the Women's Council, and he still attends many council events today.

"One of the most significant milestones," says Davis, "was when the president of the Women's Council, Margie Fitch, was allowed to sit temporarily on the Board of Trustees. She was so outstanding that they made her a permanent member."

Each Council president since Fitch has served on the board, and some *Women's Council*, page 4

RIT participates in WIRED project

RIT will play a significant role in a recently awarded economic development program, made possible by a \$15 million grant to the region by the U.S. Department of Labor.

The Finger Lakes Partnership is among 13 regional collaborations from across the country selected for the Workforce Innovation in Regional Economic Development, or WIRED, initiative. Its goal is to transform regional economies by enlisting the skills of numerous and varied players in each region to research and produce long-term strategic plans that prepare workers for new career opportunities.

"This announcement is great news, not only for Monroe County but for our entire region," states Monroe County Executive Maggie Brooks. "This initiative will enable us to strengthen regional collaborations and build on the entrepreneurial spirit that has long been a hallmark of our community."

Rep. Tom Reynolds (R-Clarence) adds: "Western New York needs a fresh approach to economic development and job creation, and this program provides that approach. The Finger Lakes Partnership will make our region stronger, more competitive and attractive to high-skilled and high-wage jobs."

RIT will receive approximately \$1.5 million over three years for its contributions to the WIRED initiative. President Albert Simone says it's an opportunity to exploit many of the university's resources to benefit the community at large.

"RIT is pleased to be part of the Finger Lakes Partnership's innovative and entrepreneurial approach to eco-

WIRED, page 4

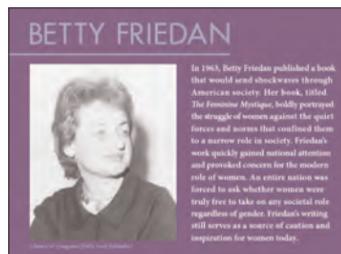
RIT students help define 'Living Legacy' campaign

In honor of the 100th anniversary of the death of suffragist Susan B. Anthony, fourth-year graphic design students at RIT created exhibits about Anthony's legacy, which are currently on display around Rochester.

The Susan B. Anthony House teamed up with Lorrie Frear, graphic design professor in RIT's School of Design, and two sections of Frear's concept and symbolism course. The students were asked to design a new exhibit, "Living Legacy," in the Visitors Center of the Susan B. Anthony House on Madison Street in Rochester.

Forty-one students each designed a logotype for the project. Tamra Brosseau, historic preservation and conservation administrator at the Susan B. Anthony House, selected the logo submitted by Matt Stein.

For the second part of the assignment, Frear broke the classes up into



The late feminist Betty Friedan is one of the women featured in the exhibit.

eight teams. Each team came up with a design proposal for the exhibit area of which Brosseau chose the submission of Stein's team. The other designers on Stein's team were Raina Bahns, David Fung, Jim Gilot, David Keefe, Eric Miller, Max Seifert and Steve Skalocky.

"The students did a very good job. Matt's team tried to zero in on what

Brosseau wanted," says Frear. "There was definitely a competitive edge among the students. I have to commend Matt's team, Matt in particular. Even after the fall quarter ended, Matt continued to work on this project every day even though he had received his final grade for the class."

The Susan B. Anthony House held an official unveiling of the exhibit on Jan. 28. It showcases a map of women's international suffrage and individual panels highlighting the accomplishments of six extraordinary women, five of whom are members of the National Women's Hall of Fame in Seneca Falls.

"The hardest part about this was to really dig deeply into the character of Susan B. Anthony and try to connect with and then express what made her extraordinary," says Stein. "She led a noble and passionate quest and

received almost no celebration or reward during her lifetime."

Patrice Sampson-Bouchard, executive director of the Susan B. Anthony House says: "The students chose women who reflect the strong characteristics of Susan B. Anthony. Our mission is to educate others about Anthony's life, her character and her contributions to society."

The seven other design proposals are on display at other locations throughout Rochester, including the Rundel Library and the Susan B. Anthony exhibit window at the Sibley Building on Main Street.

"It was a lot of work that few will be able to appreciate as much as us, but our work pales in comparison to that of Miss Anthony—that's what we really want people to connect with and appreciate," says Stein. ■

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Students bring home scholastic gold at annual art awards

Todd Stahl was a senior at Fairport High School when he won a Gold Key award for his drawing entry, *Still Life With Peaches*, at the 1997 Rochester-Finger Lakes Scholastic Art Awards and Exhibition.

Nine years later, he's still involved with the competition. Stahl, an art teacher at Webster Thomas High School, is thrilled with the work of his students who have participated in the 2006 Rochester-Finger Lakes Scholastic Art Awards and Exhibition. Jurors selected award-winning artwork from students in a 10-county region—sifting through nearly 1,500 entries in a variety of media, as well as 85 art and 18 photo portfolios.

"Two of my students—Lia



Reflections of a stressed out senior, the Gold Key Scholastic winner by Lia Beauchemin.

Beauchemin and Javier Lopez—earned Gold Keys for their artwork," says Stahl, who earned his master's of science in teaching in art education from RIT in 2001. "And Lia, Jacqui Dummer, Jillian Erhardt and Meghan McLaughlin also received gold portfolio awards."

The winners were celebrated during an awards ceremony at RIT on Feb. 5, and both the Gold Key and Honorable Mention portfolios will continue to be on view at RIT's Bevier Gallery through Feb. 21. Portfolio and

Gold Key winners will go on to compete in the national competition in New York City.

"My students' work literally blows me away and I feel their excitement about winning an award and having their work displayed in a real gallery," Stahl notes. "It's great also that RIT continues to host the event."

This is the seventh consecutive year RIT has hosted the awards. Since 1927, the Scholastic Art Awards have provided a venue that enables the community to view public and private school artwork of outstanding quality. Past winners of Scholastic Art Awards include Robert Redford, Andy Warhol and Truman Capote.

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News briefs

Xerox Scholarships

Nine RIT students have been selected as recipients of the annual Xerox Technology Minority Scholarship. The program recognizes graduate and undergraduate students from across the country for high academic achievement in the fields of science, engineering and technology.

This year's RIT winners are Evelyn Adames, Lomax Escarmant, David Brown, Olusola Olaode, Ian Frank, Delnessaw Hirpa, Andrew Stewart, Martin Martinez and Markell Williams. Each student receives \$1,000 toward college tuition cost during the current academic year.

Engineering the best

"Engineering Colleges in 2020: Who Has the Best Model?" will be the topic of a lecture by Allen Soyster, dean of the College of Engineering at Northeastern University, 1-1:50 p.m. Feb. 9 in Xerox Auditorium in the James E. Gleason Building. Soyster, who has written or co-written more than 80 journal articles, will discuss the best educational models for a "flattening world."

On Feb. 23, John Salerno, a fellow with the Air Force Research Laboratory in Rome, N.Y., will discuss "Situational Awareness in Information Fusion: Models and Metrics," 1-1:50 p.m., in Xerox Auditorium. Both lectures, free and open to the public, are part of the Kate Gleason College of Engineering's Distinguished Speaker Series.

B&L panel discussion

A panel of executives from Bausch & Lomb will be featured in the next installment of the Dean's Lecture Series, sponsored by RIT's B. Thomas Golisano College of Computing and Information Sciences.

Evon Jones, B&L corporate vice president and chief information officer; Efrain Rivera, B&L corporate vice president and corporate treasurer; and Praveen Tyle, B&L senior vice president of global R&D and chief scientific officer, will present Computing at Bausch & Lomb: R&D, Products, Support and the Bottom Line at 1 p.m. Feb. 10 in the Golisano College auditorium. The free, public event is followed by a reception.

V-Day performances

The RIT Women's Center presents its production of *The Vagina Monologues*, performed simultaneously in American Sign Language and English on Feb. 10 and 11. The 8 p.m. performances are in Ingle Auditorium, Student Alumni Union. Doors open at 7 p.m.

Tickets—\$5 for students, \$8 for faculty and staff and \$10 general admission—are available at the Women's Center. All proceeds go to RIT CARES, a program for victims of sexual assault, relationship violence and stalking.

Call 475-7464 or e-mail ritwom@rit.edu for information.

Ask the president—live!

You can always ask questions of RIT President Albert Simone on the Ask the President Web site, <http://cfapps.rit.edu/askthepresident>. But those wishing for a more personal touch—live, on the radio—will have another chance to query the president during Simone's next regularly scheduled visit to RIT's campus radio station, WTR-FM (89.7). Listeners can call in with their questions 5-6 p.m. on Feb. 15. To reach the station, call 475-2000. For more information about WTR, visit www.modernmusicandmore.com.

Online business manages college application process

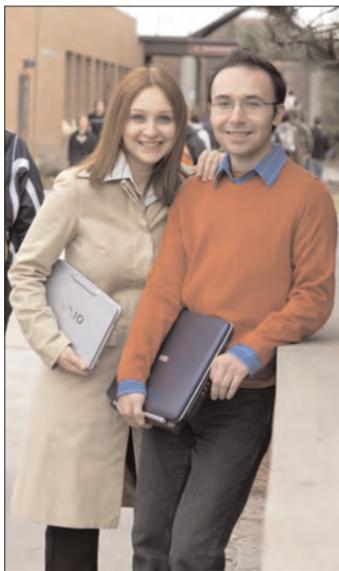
Students know that applying to college isn't easy. Fortunately, there's MyCollegeEducation.com, a Web site to help streamline the application process.

Antonio Castillo, a fourth-year new media design student from Ohio, and Galina Ostrinsky, a fourth-year multidisciplinary studies major from Brooklyn, recognized college applicants' desire for a simpler application process. The duo designed the online service last year to help students along the road to higher education.

"MyCollegeEducation.com was created to meet the same needs that we had when we applied to college," Castillo says.

More students are applying to more colleges, with 32 percent of students applying to seven or more colleges last year, according to recent statistics from the National Association of College Admission Counseling. Professional guidance counselors offer assistance about which school to attend, but these sessions often cost hundreds of dollars per hour.

The Web site offers personalized guidance to students at a more affordable price—\$44.95. The fee covers counseling and management services for researching six schools designated by the client (additional schools can be added). The service compiles a list of all the applications, transcript request forms and standardized tests that each school requires. Clients view deadlines for each form on a calendar, and a



Galina Ostrinsky and Antonio Castillo: RIT students who created the Web site MyCollegeEducation.com

A. Sue Weisler | photographer

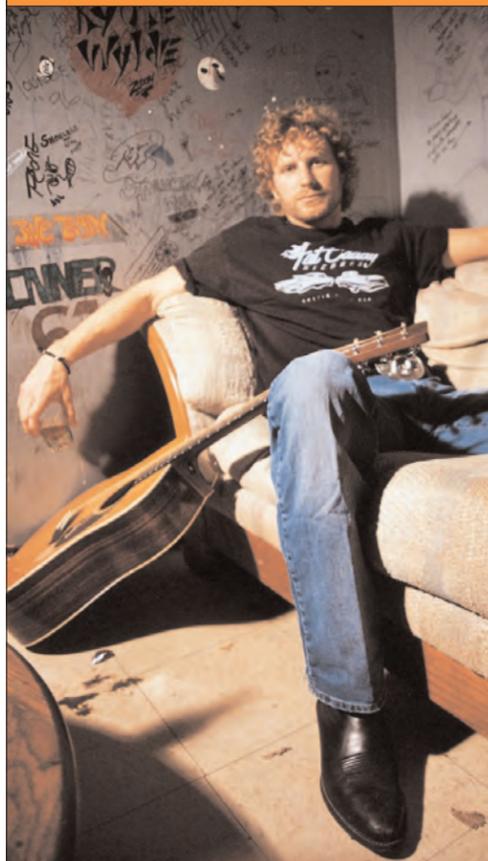
seven-day task list is also available.

The idea for the new company was born while Castillo and Ostrinsky were working at Sarphatic Education, a Rochester-based private education consulting company, to complete their cooperative education requirements at RIT.

"We just asked which of these portions of consulting we could offer online," says Castillo. "Professional counseling is pricey, but we wanted everyone to be able to afford it."

MyCollegeEducation.com is one College, page 4

Country crooner to play Gordon Field House



Dierks Bentley has been touring with the reigning Academy of Country Music's "Entertainer of the Year," Kenny Chesney, but he will "wow" fans as the headliner of a performance next month. Bentley will play hit songs such as "What Was I Thinkin'" and "Forget About You" as well as heartbreak tunes like "Whiskey Tears and Distant Shore." The show begins at 8 p.m. March 8 in the Gordon Field House and Activities Center. Tickets are \$28 and are available at Ticketmaster outlets, online at ticketmaster.com or on the RIT campus at the Gordon Field House box office. For information, call 475-4121.

Charles Arnold series to feature Jim Fiscus

His images of singers Usher and Jay-Z and Olympic Gold Medalist Michael Phelps have garnered him numerous awards in the photography industry. Jim Fiscus, award-winning advertising and editorial photographer, will share insight about his career and his work at 6 p.m. Thursday, Feb. 16, in the Chester F. Carlson Center for Imaging Science auditorium. The free lecture is the next installment in the Charles Arnold Lecture Series, sponsored by the School of Photographic Arts and Sciences.

Fiscus will also hold a portfolio review session 8 a.m. to noon on Friday, Feb. 17, in Room 3550, James E. Booth Building.

His clients include Mini Cooper, Guinness, HBO, Nike, Coca-Cola, Anheuser-Busch and ESPN. Fiscus, whose work has been featured in the *Communication Arts Photo Annual* (including the cover in 2004), *PDN*, and Lurzer's Archive, was named the International Photographer of the Year at the 2005 International Photographer Awards. ■

Kelly Downs | kaduns@rit.edu

The new COB idol



In his (slightly British) rendition of Frank Sinatra's "New York, New York," Neil Hair, assistant professor of marketing in the College of Business, became a singing sensation during Spirit Week. The karaoke contest netted nearly \$500 for the COB Class Gift Scholarship Fund.

Marcia Morphy | photographer

New student club takes the world seriously

RIT students concerned about the future of the planet can do something about it.

A group of engineering majors has formed a new student chapter of Engineers for a Sustainable World. Open to all students, the chapter sponsors sustainability initiatives and offers volunteer opportunities.

The group's mission—to engage engineers in reducing poverty by improving environmental, social and economic sustainability worldwide—supports its goals of mobilizing engineers to address the challenges in developing communities and to promote global sustainability. The group also aims to improve standards of living through community-based partnerships and increase stakeholders' ownership of community development programs; educate a generation of engineers to foster understanding

of global issues and how technology can be used for human progress; and promote a positive image of engineering through outreach, service and international goodwill.

Chapter members regularly volunteer at St. Joseph's House of Hospitality, a shelter and soup kitchen in Rochester. A long-range aim is to complete energy-efficiency improvements at the shelter.

Members attended a national conference last fall at the University of Texas at Austin, traveled to Venezuela in November and plan to attend more conferences this year, including one in Spain this summer. The group held its first meeting in December and its first workshop—covering ultraviolet tubes for water purification in developing countries—last month. The workshop featured Sarah Brownell '98 (mechanical engineering)

as guest speaker.

The new student chapter is an offshoot of RIT's People, Prosperity and the Planet research workgroup, comprised of students and faculty, created to advance awareness of sustainability issues among students so that they can make a positive impact on society and the planet. Last year, a team of RIT engineering majors earned the U.S. Environmental Protection Agency's People, Prosperity and the Planet Award and \$75,000 for the design of a low-cost solar oven for use in developing countries in Latin America.

"The P³ group saw the opportunity to create a student chapter to begin collaboration with the RIT student body to make a positive impact on campus, the local community and globally," says Christopher Wood, an industrial and systems engineering

graduate student and group president. "We recognized that there is a growing number of students interested in improving the social and environmental responsibility of professionals and the awareness of these issues on campus. RIT's student chapter of Engineers for a Sustainable World provides a forum for students to voice their ideas on sustainability and gain practical experience through project work emphasizing the fundamentals of sustainability."

The student chapter is advised by Brian Thorn, associate professor, and Andres Carrano, assistant professor of industrial and systems engineering. Those interested in joining should contact Wood at crw5159@rit.edu.

For more information, visit <http://www.rit.edu/~633www/ESW>. ■

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Why peer review?

by David Bond

This column presents opinions and ideas on issues relevant to higher education. We hope "Viewpoints" inspires discussion among the RIT community. To suggest an idea for the column, e-mail newsevents@rit.edu.

Peer review is a fact of academic life. Forms of peer review are used by funding agencies and scientific journals to subject an author's ideas to the scrutiny of other experts in the field. The process is meant to maintain the integrity and quality of decisions made by the agency or journal. For funding agencies in particular, peer review is part of a vital partnership with academia.

Sponsored Research Services has updated the Principal Investigator Institute seminar series to address peer review more directly. In December, we offered Winning Peer Review Awards, a session designed to help participants get inside the peer review mechanisms used by large federal funding agencies like the National Science Foundation and the National Institutes of Health. David Borkholder (electrical engineering) shared his experience reviewing for NIH, and Darren Narayan (mathematics) and Sean Rommel (micro-electronic engineering) offered insights from their work with NSF. Senior Research Administrator Elizabeth Perry then led the participants in a mini "mock" peer review

session to help us understand what reviewers go through when faced with multiple ideas and limited time.

Proposal writers should take the time to think about what happens to their work once it is submitted. "You should envision your work going into a pile with a dozen other proposals, in the hands of a professor who is just as busy as you are, who is running to catch a plane at five in the morning, after his or her young children were up sick all night," suggests Narayan. "That person is tired, harried, and is planning to read your proposal on the plane. You have to grab their attention with clear, concise English, show them that you have a good idea and are responsive to the required elements, and not let them lose interest."

The benefits of serving as a reviewer greatly outweigh the costs. Agencies are almost always on the lookout for academics to fill their panels. The process itself usually involves a full day or two of reviewing and discussing a set of proposals, either online or on site. "By reviewing for NIH, I had the opportunity to see cutting-edge research proposals," says

Borkholder. "The experience has allowed me to establish a better relationship with the funding agency, incorporate insights of the review process into my own grant proposals and meet potential collaborators in my field through working together on review panels."

In the rush to meet proposal deadlines, it is easy to overlook some simple steps that would help a proposal in peer review. The reviewers are faculty peers from the same or similar disciplines. Like all of us, they appreciate writing that is clear and concise, and addresses the point of the solicitation. They also know the field, so it is important to understand where your proposal fits in with current research.

A few simple steps can greatly enhance the chances of your proposal in a review panel:

- Do a thorough literature review to ensure your topic is timely and original
- Write early and circulate your proposal to colleagues here and at other institutions
- Work with your college and senior research administrator to set up a mock review panel for important programs.

Viewpoints



Bond is associate director for proposal development for Sponsored Research Services.

You're invited to a celebration of RIT's growing success in attracting sponsored funding. The annual Principal Investigators Reception, 3:30 p.m. on Wednesday, Feb. 22, in the B. Thomas Golisano College of Computing and Information Sciences auditorium, is open to the campus community. To attend, call 475-7985.

News brief

Eat well, live well in 2006

RIT President Albert Simone and other leaders are challenging employees to participate in the Eat Well Live Well Challenge, co-sponsored by Wegmans Food Markets Inc., where teams will compete against each other from Feb. 19 through April 15. The contest—Get in Step and Strive for Five—is intended to enhance physical activity and healthy eating by increasing one's number of steps taken daily and the number of fruits and vegetables consumed.

Pedometers will be given to all participants and awards and incentives will also be provided.

Simone says that "a few small but significant changes in what you eat and how active you are can make a big difference in how you feel." Further, he encourages employees to take advantage of the many fitness opportunities available on campus. Participants will enter their steps and fruit and vegetable intake in a Web-based program. Hard copy forms will also be available to those without computer access.

To join, see your team coordinator (list found at <http://finweb.rit.edu/humanresources/benefits/eatwell/>), call 475-2424 (475-2420/TTY) or e-mail benefits@rit.edu.

RIT honors outstanding alums at awards ceremonies

Brian R. Chontosh '00 (mechanical engineering technology) is RIT's Outstanding Alumnus for 2005. Seven other alumni received Distinguished Alumni honors and a long-time RIT trustee was named Volunteer of the Year at the Alumni Awards Celebration on Feb. 3.

Chontosh, a Rochester-area native, attended RIT while serving in the U.S. Marine Corps. He received a Navy Cross, the nation's second-highest honor for valor, after a 2003 enemy ambush in Iraq. Chontosh, a captain, is currently assigned to the Marine Infantry Institute in Quantico, Va.

Burton S. August, an RIT trustee since 1984, is Volunteer of the Year. A longtime supporter of the university, he and his brother, Charles, were instrumental in establishing RIT's Interfaith Center and the August Center housing student health and counseling services. He is retired vice president and past director of Monro Muffler Brake Inc.



Alumni honorees are, from left to right, Ronald Ricotta, Brian Chontosh, Brian O'Shaughnessy, Renee Macklin, Emmanuel Marciano Jr., Charles Volpe, Jelica Nuccio and Richard Close Jr.

Ken Huth | photographer

The Distinguished Alumni are:

Renee Macklin '79 (computer information systems), B. Thomas Golisano College of Computing and Information Sciences. Macklin is chief

information officer for the International Trade Administration within the Department of Commerce in Washington, D.C.

Ronald Ricotta '79 (accounting),

College of Business. Ricotta is president and CEO of Century Mold Co. Inc., an automotive parts supplier with plants in New York, Tennessee, Ohio and China. He is also co-CEO of Parlec Inc., a manufacturer of tooling and tool measuring products. He was a co-founder and current director of E-chx Inc., a national payroll company.

Emmanuel Marciano Jr. '82 (electrical engineering technology), College of Applied Science and Technology. He is founder, president and CEO of EMA Design Automation, a distributor and electronics industry service provider headquartered in Rochester.

Charles Volpe '59 (mechanical engineering), Kate Gleason College of Engineering. Before retiring, Volpe was president and chief operating officer of KEMET Electronics Corp., Simpsonville, S.C. He continues to serve as a director of the company and is active in other business and community organizations.

Richard Close Jr. '91 (economics),

College of Liberal Arts. Close is managing director, equity research, at Jefferies & Company Inc., a global investment bank and international securities firm. He resides in Nashville, Tenn.

Brian O'Shaughnessy '84 (chemistry), College of Science. O'Shaughnessy received his law degree from Syracuse University. He is a partner in the law firm of Burns, Doane, Swecker & Mathis, L.L.P., Alexandria, Va., where he practices intellectual property law and patent law. He serves as chairman of RIT's Alumni Network Board of Directors.

Jelica Nuccio '88 (biology), National Technical Institute for the Deaf. Nuccio is currently serving as interim executive director of Deaf-Blind Service Center in Seattle. Originally from Dubrovnik, Croatia, she has devoted her career and volunteer activities to organizations providing services to the deaf and blind. ■

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A collaboration 'by design'



RIT hosted students from Humber Institute of Technology and Advanced Learning, in Toronto, for an intense weekend interactive design competition. Students from RIT's various interactive design programs participated. Ten teams comprised of two RIT students and two Humber students had 48 hours to design a project about Lake Ontario. Shown above are Guy Giordano, third-year new media design and imaging major, and Vinotha Ganeshan, Humber student. Judges selected the top three submissions. All of the final projects can be viewed at www.designcharrette2006.com and will be on display at the Flash in the Can Conference this April in Toronto. RIT and Humber plan to make the competition an annual event.

Bill Klingensmith | photographer

RIT music program thriving

Every academic quarter between 500 and 600 students are involved in some way with the music program in RIT's College of Liberal Arts.

Student interest and university need have shaped the music offerings at RIT from a tiny two-professor operation 24 years ago to a thriving program in COLA's Department of Fine Arts. Four full-time faculty members and a crew of adjunct professors reflect the students' energy and enthusiasm.

"We have a lot of students who are very interested in making music and making music part of their lives," says Edward Schell, director of the music program.

The various ensembles give students a musical outlet and balance to their academic lives. The groups include the RIT Singers, four a cappella groups (three men's, Eight Beat Measure, Surround Sound, Brick City Singers; and one women's, Encore), RIT Orchestra, RIT Concert Band and Jazz Ensemble, and the World Music Ensemble and World Beat Ensemble.



The RIT Singers perform in concert Feb. 19.

Annalisa Iannone | photographer

These groups perform regularly throughout the academic year, sometimes teaming up with musicians from other schools or community groups, such as the Brighton Community Orchestra, and participating in collegiate competitions.

Students also take advantage of the music concentration and minor and one-credit private lessons. The latter started with one section of voice and piano and grew to include woodwind and strings. "We have waiting lists

every quarter," Schell says.

According to Schell, students active in the music program typically spend from two to 14 hours a week practicing, depending on their level of involvement. As busy as they are with classes, they find the time.

"We learn so much from each other in all of the different groups, and even though it gets tough at times, it is completely worth all of the hard work in the end," says Brittney

Music program, page 4

A retirement party for old computers



RIT's Student Alumni Union was recently transformed into a way station for old computers and other electronics headed for refurbishing or recycling. A total of 3.9 tons—about twice last year's haul—was collected from RIT students, faculty and staff during the third annual Electronic Waste Recycling Day, Jan. 27, sponsored by RIT's Student Environmental Action League. The event prevented the unwanted gear from finding a final resting place at the bottom of a dump. "Each monitor we collected contains three to five pounds of lead. It's obviously better to recycle or reuse these rather than have them end up in a landfill," says Josh Goldowitz, associate professor of environmental management and safety in CAST and the club's advisor.

A. Sue Weisler | photographer

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Visitors study remanufacturing

Seoul, South Korea, is a very long way from Rochester, but for Yongbo Jun, the knowledge he has gained by coming here has been well worth the trip. Jun, a researcher with the Korea Institute of Industrial Technology, is serving as a visiting scientist at RIT's Center for Integrated Manufacturing Studies and is working with CIMS' engineers to study remanufacturing processes in the toner cartridge industry. His work is part of a collaboration between CIMS and the Korean institute that seeks to improve the remanufacturing industry in South Korea to enhance environmental quality and reduce waste.

"South Korea recognizes the growing importance of remanufacturing in decreasing industrial waste," Jun says. "Our collaboration with RIT was an excellent opportunity to enhance our own technical capabilities in the field and ultimately improve the global environment."



Yongbo Jun and Kenneth Buckle at CIMS.

Laura Nelson | photographer

Kenneth Buckle, professor of electrical engineering at the University of South Florida, also came to RIT to advance his own research undertaken during his 21 years in the fields of electronics and failure analysis. He is taking a one-year sabbatical to work with CIMS' Systems Modernization and Sustainment Center and the Office of Naval Research to better predict the failure of electronic components in military vehicles to reduce waste and improve safety.

"I grew up in the area, so coming to RIT was really a chance to come home," Buckle explains. "When you combine that with the opportunity to work on cutting-edge research that will have major implications for the safety of our troops, it really was the best of both worlds."

Jun and Buckle's work is part of CIMS' larger effort to combine technical expertise from all over the world to promote advances in a wide variety of scientific and engineering fields.

"These contributions will help create technologies that can improve environmental quality and efficiency, while increasing international knowledge in the field," adds Nabil Nasr, CIMS director and assistant provost for academic affairs. "I am proud to add their expertise to our efforts and look forward to continuing our relationship even after they return to their respective institutions." ■

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College from page 2

of the first student-run companies in RIT's High Technology Incubator, a non-profit subsidiary of the university. The incubator offers coaching and support to young businesses.

"For every aspect of the development, someone at RIT has contributed to it, whether MBA students for our business plan, or graphic design students for our Web site," says Castillo. "That's the whole point of the incubator."

"They've been able to work with MBA students to take a great idea and modify it to make a great business plan," says Mick Stadler, the director of RIT's incubator. "The company really is a merging of concept and opportunity. The students are the drivers, but they are open to new creative ideas."

Year-round application dates and rolling deadlines keep the company in business all year. Castillo and Ostrinsky agree that students and professionals in RIT and the Rochester community are invaluable to the new company's growth. Both believe there is great potential for a service that will explain and help manage application requirements for students because there is no other similar service available online. "They've identified a place where they can be successful," says Stadler. ■

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Music program from page 3

Lee, a member of Encore and RIT Singers, and a fourth-year animation major.

Elizabeth Fehrmann, a fourth-year computer engineering major and Encore member, adds: "Engineering is a difficult major, and so participating in singing gives me a chance to relax and take my mind off of the hard stuff for a little while each week. In a major such as computer engineering, where the population is overwhelmingly male, being in Encore gives me a close-knit group of girls to talk to, hang out with and share my love of singing with."

"As the director of the Brick City Singers, I have also gained valuable leadership and team building skills," says Tom Guzewich, a fourth-year software engineering major. "Being a part of these groups is an outlet for other interests I have which are not strictly a part of my area of study at RIT."

Schell knows the music program makes a big difference in students' lives. He regularly receives e-mails from graduates who miss being part of the musical groups at RIT and the camaraderie they offered. "We turn out some happy alumni."

Upcoming performances include:

Feb. 11—RIT Gospel Ensemble 25th Anniversary Concert with Kurt Carr and the Kurt Carr Singers, 8 p.m. in the Clark Gym. Tickets are \$5 for students, \$10 for faculty/staff and \$15 for general public.

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conomic and workforce development," says Simone. "Our region has all the right ingredients to cement its reputation as one of the nation's innovation 'hot spots,' and this investment will accelerate our efforts in that regard."

The majority of RIT's grant money will support projects in the Center for Integrated Manufacturing Studies. This includes development of a "knowledge clearinghouse," a Web-based regional data center to disseminate technology resources for use in industry. CIMS will also further its research on upstate manufacturing clusters, intended to implement strategies that improve productivity and performance.

The remaining RIT funds will help establish an entrepreneurship curriculum as part of Project Lead the Way and also create an immersion course in entrepreneurship offered through the College of Business. ■

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Women's Council from page 1

have been made permanent trustees.

In 1972, the Council started its support of the new childcare center on campus, the Horton Child Care Center, which later became Margaret's House. The Council continues to support Margaret's House each year with scholarship funds and gifts.

Eleanor Hickman, an original member of Women's Council remains on the membership roster today. She says, "At my age I don't remember a great many details, but I do remember

the great pride and excitement we felt when we first toured the new campus in 1968."

The Council has formed endowed scholarships for hearing and deaf women and has established an award to praise outstanding female seniors. The group still provides books to Wallace Library, supports the RIT Ambulance Corps and presents an award for female athlete of the week and female athlete of the year. ■

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College Bowl team heads to nationals

What happens when you pit intelligent, well-read deaf and hard-of-hearing students against seasoned college administrators for a friendly game of high-stakes trivia? At the mock College Bowl competition held Jan. 31 at NTID, youth prevailed—soundly.

To help prepare NTID's College Bowl team for their upcoming July competition at the 10th National Association of the

Deaf College Bowl in Palm Desert, Calif., NTID's administrative team of Alan Hurwitz, Chris Licata, Don Beil, Gerry Buckley and Ellie Rosenfield matched wits and wisdom with students Josh Allmann, second-year computer science student from California; Aaron Delbruegge, third-year nutrition management student from Missouri; RJ Kidd, second-year applied computer technology student from California; Lane Lucht, third-year information technology student from Minnesota, and Andy Naaktgeboren, first-year computer science student from New York. The student team won the three-round competition, demonstrating their collective acumen in categories ranging from science and technology to sports and leisure.

NTID's team, which recently won the RIT College Bowl, will compete against teams from California State University at Northridge and Gallaudet University at the July NAD convention to win bragging rights among the three friendly rivals.



NTID students, from left, Josh Allmann, Andy Naaktgeboren and RJ Kidd prepare to answer a question on the computer during their Mock College Bowl competition against NTID administrators on Jan. 31.

Mark Benjamin | photographer

"This team's success is the result of hard work," says NTID associate professor Geoff Poor, one of the team's coaches. "All the team members put a lot of effort into expanding their knowledge into new fields."

Liberal Studies assistant professor Kathryn Schmitz, the team's other coach, says, "All of these students were voracious readers as youngsters, and they still are. This kind of event gives them a chance to apply what they know about all sorts of things. The ability to absorb a lot of information and then extract that single useful skill and these guys are great at it!" ■

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Obituaries

G. Scott Acton, assistant professor of psychology, College of Liberal Arts, Feb. 7.

William Pakan, professor emeritus, School of Printing, Sept. 1.