

Students create steel wonder

Sculpture will grace

Visitors to 150 State St. in downtown Rochester will soon be treated to reflections on the past, present and future of Rochester's industrial growth.

The facility is home to the Rochester Business Alliance, the region's chamber of commerce, and its lobby will become the site of a massive sculpture created by Drew Jundt, a first-year graduate student in the master's of fine arts studio program in the School of Art. The abstract sculpture weighs almost 1,000 pounds, stands 9 feet high and spans 22 feet.

Jundt's proposal beat others submitted by students in Bruce Sodervick's advanced sculpture course. The owner of the State Street building, Larry Glazer, chose Jundt's submission.

The Rochester Business Alliance represents the history of business in Rochester and any artwork in the building should be reflective of that, says Glazer. Drew's sculpture is a creative interpretation combining the economic future of this area with its history.

Glazer, CEO of Buckingham Properties, is paying for the labor and materials. The runners-up in the competition, Osborne Pitts and Hyon Telarico, both MFA graduate students, are collaborating with Jundt on building the sculpture. Long pieces of stainless steel traverse from the top corner down to the opposite corner of the sculpture to represent the Genesee River.



MFA students, from left to right, Hyon Telarico, Osborne Pitts and Drew Jundt collaborate on a sculpture to be installed in a downtown Rochester office building. Jundt designed the piece.

A. Sue Weisler | photographer

Jundt wanted to use bits and pieces of everything from stainless steel and earth elements such as rocks and granite pieces along with a cast bronze piece, says Jundt, a Rochester native. Cast bronze is a historical element, so we took elements of a wheat field and interspersed that into the design to represent Rochester's wheat industry and its nickname as the "Flour City." We are also using shiny materials to represent Rochester's future growth.

The sculpture will be unveiled later this month, once the sculpture is fabricated and installation is complete.

In my opinion, what Drew is doing here is the ideal objective of an education, says Sodervick, professor in the School of Art. He's getting the best applicable experience he could possibly receive as a student and he can apply this knowledge for the next 50 years of his creative life.

Kelly Downs | kaduns@rit.edu

Morley named board chair

Michael Morley '69 (business administration) is now in the company of Captain Henry Lomb, George Eastman and Colby Chandler as he becomes the 16th chairman of RIT's Board of Trustees. Morley officially received the gavel from his predecessor, Bruce James '64, in the closing session of the trustees meeting, Nov. 11. Morley becomes RIT's third alumni chairman of the board, following James and William Buckingham '64.

In 2004, Morley retired from Eastman Kodak, where he served as chief administrative officer and executive vice president.

Morley began his career at Kodak in 1964 in the Film Testing Division at Kodak Park. He held various positions including general manager of U.S. and Canada, Consumer Imaging Division and vice president and general manager, Consumer Services Division. He was awarded a Sloan Fellowship for study at MIT and earned a master's degree in management from MIT.

In 1995, Morley received RIT's Distinguished Alumnus Award from the College of Business. He is a former chairman of the Nathaniel Rochester Society. He joined the RIT board in 1996 and most recently served as chairman of the Student Life Committee.

He would like to continue on the



The passing of the gavel: Michael Morley, right, takes the reigns from Bruce James.

track that has been set in terms of the Strategic Plan (2005-2015). We need to be consistent with this strategy, says Morley. He also looks forward to a successful completion of the Capital Campaign. As an alumnus of RIT, I want the university to

As an alumnus of RIT, I want the university to move ahead and improve its status as a university.

move ahead and make changes to improve its status as a university. This is what the Campaign is allowing us to do. For alumni, the degree that we

received is valued more each year since we graduated.

RIT has one of the largest and most active boards of trustees among universities: 53 active members, 28 honorary or emeritus members, and 22 trustees who are RIT alumni.

James' tenure as chairman saw numerous major developments at RIT including the Strategic Plan

Student spotlight

Changing the stigma of Greek life—one accomplishment at a time

This student spotlight is a monthly feature highlighting student success stories at RIT.

Don't expect Tim Johnson to look back on his years at RIT and think he wasted the experience. The fourth-year information technology student in the B. Thomas Golisano College of Computing and Information Sciences has immersed himself in college life academically and socially.

As a conscientious and career-focused student, Johnson didn't put much stock in joining the university's Greek community when arriving on campus in 2002.

It didn't come here thinking about being in a fraternity, he recalls. He imagined all the stereotypes that you see in the media—partying all hours, wasting time, drinking and getting into trouble. I was pretty closed-minded initially.

Instead, what Johnson discovered was a community that offered close-knit relationships between its members and an opportunity to balance the demands of a rigorous academic schedule. He joined Phi Delta Theta and quickly took advantage of its social and community-service outlets.

Today, Johnson serves as the fraternity's president, managing internal operations and its relationship with RIT administrators and Phi Delta Theta's national office. He cites his top priority as trying to dispel the negative perceptions of Greek life

stereotypes he admittedly once held.

There was a lot of negative publicity associated with Greek life about five years ago, reflects Johnson. There's been a period of recovery, and things have really been on the upswing over the past three years. The key now is to refocus—make sure that we're putting effort into making a difference with our philanthropic and community-service events.

Phi Delta Theta is planning a pair of upcoming fundraisers, including a flag football tournament in February and the fraternity's annual Pitch-a-Tent event in April. Both activities will support the ALS Foundation.

Johnson's other activities at RIT included two years as a reporter and editor for Reporter. He also worked as a desktop support technician for Information and Technology Services. Most recently, he spent three quarters on co-op with Insert Key Solutions Inc., a growing Web applications development company near his family's Philadelphia-area home. Johnson expects to join the company full time after he graduates next spring.

I totally attribute that to what I've learned at RIT, he says.

Johnson's academic achievements include Dean's List and several RIT scholarships such as the Alumni



As president of Phi Delta Theta, Tim Johnson works hard to improve the perceptions of RIT's Greek community.

A. Sue Weisler | photographer

Legacy Scholarship, which is awarded annually to children, grandchildren or dependents of RIT alumni. His father, Timothy Johnson Sr. '78 studied photography and graphic arts.

In addition to these accomplishments, people who meet Johnson are often struck by his smile and the ease with which he interacts with others.

Tim is always willing to assist fellow students and is very helpful to

both faculty and lab assistants, says Ed Holden, assistant professor of information technology. He demonstrates high intelligence, dedication to his studies and works well with other people.

For now, Johnson hopes he can use his leadership role to set a positive example for members of his fraternity.

I'm really focused on keeping the younger guys interested and motivated. If people can do that for them-

Conference will explore future of journalism

How you get your news, where you find it and who reports it are all issues that have changed dramatically and in short order.

Journalism in the Digital Age explores this transformation. The Dec. 5 symposium, sponsored by the Department of Communication in the College of Liberal Arts, examines how traditional methods for reporting, writing, photographing, filing, editing and publishing news are being revamped in response to the digital revolution.

News makers, news reporters and news consumers have all been affected

Journalism, page 4



Thomas Curley, president and CEO of The Associated Press, will serve as keynote speaker for Journalism in the Digital Age.

A. Sue Weisler | photographer

News briefs

Deaf artists online

A Web site to showcase and promote the work of deaf and hard-of-hearing artists in the United States is now available through NTID. The site, www.rit.edu/deafartists, is designed for artists, teachers, scholars and researchers. It offers access to video interviews with various artists, artist biographies with descriptions of their chosen mediums, and a forum section with networking and dialogue opportunities.

Nominations welcome

Nominations are due by Dec. 22 for the 2006 Four Presidents Distinguished Public Service Award. Nomination forms can be found at www.rit.edu/~940www/. Created by RIT Vice President Emeritus Alfred Davis, the award is presented annually to a member of the RIT faculty or staff whose public service and commitment mirrors that of the four presidents Davis has worked with in his 68-year association with RIT. This year's award will be presented March 23.

Thanksgiving invites

For most Americans, Thanksgiving brings fond anticipation of time with family and good food. But if you're an international student, it may not be a tradition you've grown up with.

The International Student Services office encourages faculty and staff to invite international students to their homes for Thanksgiving. Anyone interested can get involved by calling the Rochester International Council at 275-8779 or visiting www.rifc.org/intlstud.html. Students can sign up at the English Language Center office in the George Eastman Building.

ITS speaker series

James Wager, assistant vice provost for enrollment management and university registrar at Pennsylvania State University, opens the 2005-2006 season of Information and Technology Services Technology Seminars. He will be the featured speaker from 10 a.m. to noon Nov. 18 in the Skalny Room, Student Alumni Union.

Wager's talk is titled "Support Services for the Net Generation." The session is free and open to all members of the RIT community. To register, contact ITS at cioits@rit.edu.

Honor society induction

Four Department of Communication students—Molly Rose Ahern, Megan Dingler, Carly Gioia, and Renee Keiser—were inducted into the Xi Epsilon Chapter of the National Honor Society, Lambda Pi Eta. The event, held Oct. 28, featured a presentation by Diane Garga, president of the Rochester Chapter of Women in Communications.

Photo lecture, Nov. 30

Photographer Douglas Menez will be lecturing at 6 p.m. in the Chester F. Carlson Center for Imaging Science auditorium on Nov. 30. Menez has covered major international news stories over the past twenty years including the AIDS crisis, the famine in Ethiopia, presidential campaigns and the Olympics. Menez has also shot portraits of such luminaries as President Clinton, Mother Teresa, Robert Redford and Bill Gates. Menez's lecture is co-sponsored by the School of Photographic Arts and Sciences and Nikon Campus.

Acknowledging RIT vets

More than 20 staffers

The war on terror has affected all Americans, and the RIT community is no exception. More than 20 faculty, staff and students have been called to active duty since the Iraq war began in 2002 and at least two alumni have been killed in action in Afghanistan or Iraq.



Jennifer Gates

One of the latest members of the RIT family to be called to serve is Jennifer Gates, an alumna who works in ITS Distributed Support Services for the College of Liberal Arts. Sgt. 1st Class Gates is part of the North Central Information and Operations Center for the Army Reserves and works on computer network defense. She left RIT in late October and will be serving in Southwest Asia.

"I am proud to be serving my country and representing RIT," Gates says. "American soldiers have sacrificed a lot in this conflict and I am honored to be serving with so many dedicated men and women from across the country."

Gates joined the reserves while in

high school and participated in ROTC at RIT, where she graduated with a bachelor's degree in multidisciplinary studies in 2000. Gates has served as a drill instructor and in her current assignment focuses on protecting military computer systems and networks from hacking and data theft.

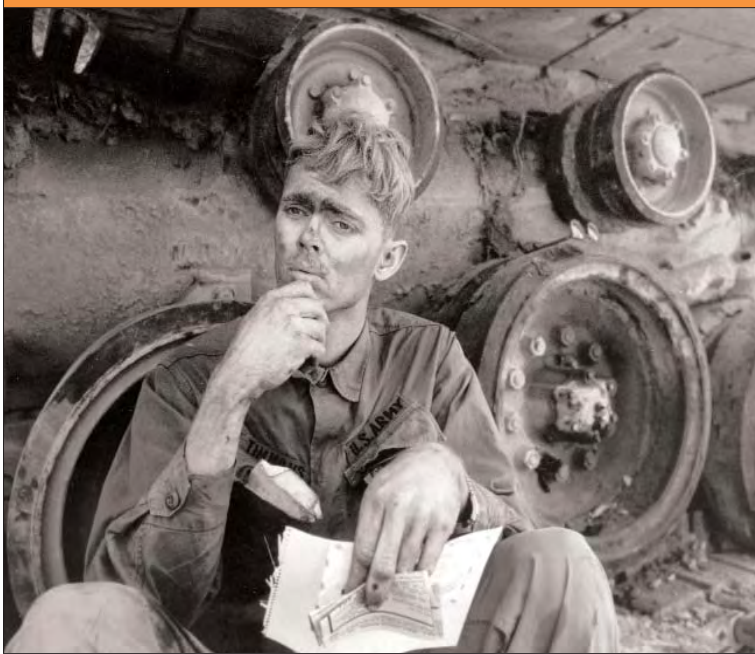
"IT security is incredibly important to securing the safety and ensuring the success of our troops," Gates says. "My experience working at ITS has enhanced my skill set and assisted me in performing my duties."

RIT is committed to assisting faculty and staff that have been called to serve and will be making up the difference between Gates' Army pay and her regular salary at ITS for six months. In addition, ITS and the College of Liberal Arts co-hosted a large going-away party for her, to honor her service and wish her safe passage.

"RIT is very generous and certainly goes much farther than other employers in supporting people serving in the military," Gates says. "It would not be possible for me to do this without their support."

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Measures of time



Award-winning photographer David Burnett has photographed newsmakers and newsmaking events around the world for more than 35 years. He took this photograph of a GI in Vietnam while on assignment for Life magazine. Burnett is the featured speaker in the next installment of the Charles Arnold Lecture Series at 6 p.m. on Thursday, Dec. 8, in the Chester F. Carlson Center for Imaging Science auditorium. The event is free and open to the public. Immediately following Burnett's lecture there will be a gallery opening reception of his work in the School of Photographic Arts and Sciences Gallery in the Frank E. Gannett Building. Burnett's exhibition, *Measures of Time*, will be on display in the SPAS Gallery from Dec. 5 through Dec. 17.

Engaging dialogue



Members of the RIT community participated in the eighth annual Campus Week of Dialogue Oct. 24-28 sponsored by the Commission for Promoting Pluralism. This year's theme, *Focus on Women*, allowed conference attendees to explore the role of women in their personal and professional lives. At this group presentation, NTID's Patti Durr spoke about deaf women artists. Following her talk was a performance from *Encore*, RIT's female a cappella group.

A. Sue Weisler | photographer

Coming to America in style



Fitzroy Lawrence, a fifth-year information technology student, strikes a pose during RIT's annual Unity Fashion Show on Nov. 5. This year's program was inspired by the 1988 comedy movie *Coming to America*, starring Eddie Murphy. Student organizers partnered with participants from other area high schools and colleges to coordinate the event, hosted by RIT's Black Awareness Coordinating Committee and the North Star Center for Academic Success and Cultural Affairs. Austin Huck | photographer

This year's list of the Rochester Top 100 companies once again features several local companies with connections to RIT. Leaders of 11 of the Rochester Top 100 companies are RIT graduates. In addition, two top executives are members of the RIT Board of Trustees.

The Rochester Top 100 ranks privately held companies based on revenue growth for the last three years. The listing is sponsored by Rochester Business Alliance and KPMG LLP.

RIT's connections include:

Emmanuel "Manny" Marciano '82 (electrical engineering technology), CEO of EMA Design Automation Inc., ranked number one.

Gregg Coughlin '77 (MBA), president of GRIPA, ranked number three.

Tom Slechta '80 (MBA), CEO and president of Videk, ranked number 10.

Ronald Ricotta '79 (business), CEO and president of Century Mold Company Inc., ranked number 20.

Geoffrey Buell '92 (business), CEO of AJL Manufacturing Inc.,

ranked number 39.

Mark Redding '86 (computer science), president of Impact Technologies LLC., ranked number 53.

Lynn Woodworth '86 (business), CEO and president of Stone Construction Equipment Co., ranked number 59.

Stephen Hodownes '81 (computer information systems), CEO of Concentrix Corp., ranked number 67.

Allen Casey '73 (engineering), president of M/E Engineering, ranked number 71.

Herbert Besaw '85 (business/accounting), CEO and president of Spoon Exhibit Services Inc., ranked number 72.

John Costello '75 (MBA), president of Eagle Construction Co., ranked number 97.

Thomas Judson Jr., member of the RIT Board of Trustees, chairman and CEO of The Pike Co., ranked number 24.

Arunas Chesonis, member of the RIT Board of Trustees, chairman and CEO of PAETEC Communications Inc., ranked No. 37.

\$500K helps future teach-

A unique program, funded by a \$500,000 grant from the National Science

Foundation, will bring students from RIT to California State



Eileen Marron

University at San Marcos to earn their teaching credentials. When they have completed their training, they will help to fill the need for highly qualified mathematics and science teachers.

Professors Joseph Keating and Pat Stall from Cal State and Eileen Marron, assistant dean of the College of Science at RIT, developed the proposal and will manage the program.

Thousands of science teachers will be retiring across the nation during the next few years, Marron says, and RIT and Cal State see the collaboration as an effective solution to getting more highly qualified math and science teachers into high school classrooms.

"Nationally, but especially in urban settings, the highest need is for highly qualified math and science teachers. That's the biggest shortage we have," Stall notes.

Local universities produce between 45 and 70 math teachers each year, a number far below the needs of local schools. "We're look-

ing for a way to recruit additional people," Stall says. "This collaboration with RIT seemed a natural partnership."

Marron adds that in a recent program, RIT placed students as mentors in local classes, and about one-third of them chose to become teachers.

"Clearly there was something about education that caught their interest and we need to work to promote this desire to explore teaching as a career," Marron says.

Students who have completed technical studies at RIT will be supported with \$7,500 per year to pay for their tuition, fees and assistance with living expenses while they complete their teaching credential at Cal State San Marcos.

Beginning in January 2006, students at RIT will sign up for the program and take prerequisite courses on campus taught by Professor Joseph Keating of Cal State. Students will also train in Rochester area schools to gain field experience. Upon completion of their RIT degree, they will relocate to Cal State to receive their teaching certification.

The project will be funded through the National Science Foundation's Robert Noyce Scholarship Program.

For information about the program, call 475-7045.

New master's program launched in GCCIS

Companies spend billions of dollars annually to educate and train their employees. Quite often this training and education is delivered through online computer-based learning systems. Responding to the U.S. economy's shift into this information economy, RIT is offering a new master's degree program in learning and knowledge management systems.

The degree is offered through the information technology department in RIT's B. Thomas Golisano College of Computing and Information Sciences and focuses on the creation of learning experiences, performance support and knowledge management systems that enable people to learn where, when and as fast as they choose.

Graduates of the program will be able to design systems that improve human performance through networked multimedia environments, says Michael Yacci, information technology professor in GCCIS. Yacci created the degree with Timothy Wells, an information technology associate professor.

Students who successfully complete the degree will be poised for leadership positions in e-learning, knowledge management, educational multimedia, corporate training and virtual universities, adds Wells.

The program will begin to accept students in spring 2006 and combines the study of instructional

New degree, page 4

Information security and you: what you should know

by Jim Moore

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.

When you walk into my office, you will notice several things. I have three jars, labeled iMiracles, iSimple Solutions and iJoy. I also have a mug that says iNot a Rocket Scientist. As I mark my four-year anniversary as the information security officer at RIT, all these items have meaning. When faced with threats that increase in frequency and potency at double-, triple- and quadruple-digit rates, we need every miracle we can get. These threats can easily consume significant resources and detract from our ability to deliver on our academic mission.

Two responses are possible to these rapidly increasing threats: reducing the size of the target of the threats and increasing the resources working on the problem.

iSimple Solutions represents simplifying our environment and reducing the targets of attack. That's why we are pursuing the development of standards. Standards simplify defense by reducing the number of configurations that must be protected. We have developed standards in the areas of technology, as well as end-user process, and some that overlap, such as the Computer Incident Handling standard. We will be working this year on network

security, mobile security, messaging security, Web security and others. The standards process involves representation from across the institute that provides collective knowledge and wisdom, so I don't have to be a iRocket Scientist.

Someone asked me how many people I would have on my team when I had finished building the information security program. I said, iAbout 20,000. Everyone at RIT has a key role to play. Technological solutions to make security issues transparent to end users will continue to play a key role. However, the time of technology-only controls has come to an end.

Phishing where the iphisher makes up a good story that induces fear or greed in order to get you to visit a Web site, run a program or reveal identity information is an example of the need for social engineering. Preventing human misbehavior continues to provide challenges to information security.

For RIT to survive and thrive in this time of ever-increasing threats to our (and your) information security, we have to work as a team.

However, even as we develop some common processes and common configurations to protect RIT's computers, our economies of scale

will not be sufficient to combat the increased attacks that organized crime brings to our electronic door. Just keeping defenses current is difficult from monitoring and communicating current threats, to assessing risks in new technology, to helping our 20,000-member team adjust to new and updated technology.

After evaluating the commercial possibilities of our end-user communication and awareness materials, we determined that the costs of market entry were too high and our portfolio too small to promote significant returns. We realized that the academic model of collaboration would be the most cost effective through the establishment of an open source security awareness and information community. This provides other institutions with free access to our materials for non-commercial use and guides them to Web forums where the collaboration takes place. Here we are the leader; RIT is the first university sharing its security awareness materials in this manner.

Even though the Information Security Office is working with other professionals inside and outside RIT to better our information security, you are the most important line of defense. To that end, we've

Viewpoints



developed Digital Self Defense workshops to help you learn how to protect yourselves and others.

Here is what I'm asking you to do:

Follow the standards (<http://security.rit.edu/standards>)

Attend a Digital Self Defense workshop. Go to http://security.rit.edu/dsd_101.html for more information and to read the winter quarter schedule

Heed information security alerts or advisories

Keep abreast by following the news and checking out the Web sites: <http://security.rit.edu>, www.rit.edu/its, www.staysafeonline.info

Remember: Teamwork = Effective Defense.

Wallace Library opens display from RIT

RIT's Wallace Library is home to a new display area, established in honor of Gladys Taylor, RIT's first archivist. The new Gallery for RIT History and Art on the first floor of Wallace Library will display historical objects from the RIT archives.

Gladys Taylor joined RIT in 1958 as a reference librarian at the downtown campus. At that time, RIT had no formal archives collection. Over the years, she helped establish a proper home for the documents and historical objects she had collected and inventoried. The collection gradually grew, leading to her appoint-



Gladys Taylor photo courtesy of RIT

ment in 1976 as RIT's first full-time archivist. Taylor also served as a representative and then secretary to

Faculty Council. She participated on many library committees and was instrumental in building a collection on deafness in Wallace Library. In 1980, she was recognized for her service to deaf students in the library when she was named a recipient of the Outstanding Service Award presented annually by NTID.

The Gallery for RIT History and Art officially opens with a reception and dedication honoring Gladys Taylor from 3:30 to 5 p.m. Thursday, Dec. 1. Members of the RIT community are encouraged to attend this free event.

Ah, pizza. So easy to make—punch dough into a circle, spread tomato sauce, add your favorite toppings and bake it in the oven until bubbly and crisp.

No, that's assembly-line pizza!

REAL pizza is a culinary art form perfected by two College of Business alumni. Abraham Fansey '05 (management information systems) and Samuel Agbor-Tabi '05 (international business and management) decided they had more in common than being born in Africa. Fansey is a native of Ghana; Agbor-Tabi is from Cameroon.

They knew they wanted to be entrepreneurs and do it here on campus where there would be potential for growth.

BrickHouse NY Pizza made its debut in RIT's Shumway Commons in September—but not before they had done their homework.

I worked for Jim Watters [RIT senior vice president finance/administration] for three years as his student assistant, and while he gave me encouragement to open a business, he also stressed learning everything there was to know about the product to set it apart and make it special and unique, says Fansey.

So Fansey first headed to New York City. He visited Grimaldi's in Brooklyn, Lombardi's in SoHo's



Samuel Agbor-Tabi and Abraham Fansey are the owners of BrickHouse NY Pizza in the Commons.

A. Sue Weisler | photographer

Little Italy and Patsy's in East Harlem. He found one common trait in New York's most-famous pizzerias—coal-fired ovens that reached 800 to 900 degrees.

Cooking with coal blackens the crust in places and imparts a smoky flavor and distinct crispness, says Fansey.

Agbor-Tabi adds, it is nearly a lost art because coal ovens have been outlawed, except for parts of New York City and New Jersey, because of

environmental concerns.

For technical assistance on developing the pizza oven, Fansey called on a senior design group in the Kate Gleason College of Engineering. Then he worked in the kitchens of RIT's School of Hospitality and Service Management to develop recipes for homemade pizza dough and sauce. Fansey also contacted Professor Philip Tyler in the College of Business to see if his students would

Entrepreneurs, page 4

Intel inside



Aneita Gage '94 (M.S. engineering management), a technical training manager at Intel Corp. in Chandler, Ariz., visited RIT on Sept. 28 to present "A Day in the Life at Intel" to an electrical engineering class and "How to Prepare a High-Tech Resume" to the RIT chapter of the National Society of Black Engineers. "I had fun returning to RIT after 12 years and sharing with students my real-world experience, along with challenges of corporate life and the hiring process," says Gage.

A. Sue Weisler | photographer

Keeping up to speed



U.S. Air Force Brig. Gen. Glenn Spears shakes hands with Nabil Nasr, director of the Center for Integrated Manufacturing Studies at RIT. Spears toured RIT's state-of-the-art labs and discussed ongoing military research with Nasr and his team of engineers and scientists. CIMS is partnering with the Navy and Marine Corps on several projects to assist in creating safer and more efficient parts and designs for military aircraft, ships and vehicles. Also pictured is Lt. Col. Larry Waterman, Air Force ROTC at RIT. Spears is director of force management policy and deputy chief of staff for the Air Force.

Laura Nelson | photographer

Bonanza of specialty gifts



It wouldn't be the holidays without RIT's School for American Crafts student sale. The sale takes place 9 a.m. to 6 p.m. Thursday and Friday, Dec. 8 and 9, in the Student Alumni Union. SAC undergraduate and graduate students working with clay, glass, metals and wood will sell their wares. All of the items are handmade and the original work of student artists. The annual holiday tradition draws hundreds of shoppers. The students use the money to defray costs of various projects throughout the school year.

A. Sue Weisler | photographer

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Imaging part-

Enhanced telescopes, digital cameras and microscopes for defense, homeland security and commercial applications are being developed by a Brighton firm, GG&C Imaging Systems Inc., in a partnership with RIT, the University of Rochester and the U.S. Army.

The project, which will improve the performance and cost of imaging systems, is being funded as part of a \$750,000 Small Business Technology Transfer contract with the U.S. Army Research Office in Research Triangle Park, N.C. GG&C and its academic partners are developing a dual band extended depth of field telescope system for defense and homeland security applications, such as rapid surveillance of military and civilian installations.

This is an important technology for defense and homeland security, says Conger Gabel, GG&C chief executive officer and the project's principal investigator. It enables more effective systems to ensure the safety of military personnel and both military and civilian installa-

tions, such as airfields, harbors and production facilities. The technology also has numerous commercial applications.

The technology was developed by Nicholas George, GG&C chief technology officer and the Joseph C. Wilson Professor of Electronic Imaging and Optics at the University of Rochester, and Wanli Chi at URis Institute of Optics.

By combining advanced optical components and digital image processing, we are able to extend the range of sharp focus of ordinary optical systems, such as telescopes, cameras and microscopes, by a factor of 10, George says.

Adds Mustafa Abushagur, director of RIT's doctoral program in microsystems engineering, who is the RIT principal investigator on the project: RIT is delighted to be working with GG&C Imaging



Mustafa Abushagur

Systems on this important project. We are bringing our knowledge and technical capabilities in microsystems to bear on the imaging sensor that is a key component of the dual band extended depth of field telescope system.

GG&C is a start-up company focused on developing advanced imaging technologies.

We are pursuing market opportunities in enhanced telescope systems, improved performance and lower-cost digital cameras and microscope systems for machine vision systems and research, says Gary Conners, GG&C vice president for business development.

Adds GG&C's Gabel: The combination of advanced optical technologies, electronics and digital imaging processing is revolutionizing imaging systems. We are fortunate to be located in upstate New York with an outstanding pool of talent at universities and companies in the area. We are hard at work on exciting new technologies and on forming partnerships with major players in the industry.

help out with a marketing plan.

Abe pulled together students from three different RIT colleges to assist him in the furtherance of his business concept, says Watters. He used engineering students to create new intellectual property by designing a unique high-temperature oven, business students who performed market research and food industry students who created new products.

He is a wonderful example of RIT's experiential approach to extending classroom education into meaningful life experiences, says Agbor-Tabi. Plus, we use pure olive oil, fresh basil and fresh mozzarella cheese instead of packaged shredded. It's more expensive, but it's worth it.

Meanwhile, Agbor-Tabi filled in

the marketing and design gaps for opening BrickHouse NY Pizza. This is just the beginning for us, he says. Pizza is a simple product but when you get into high-tech, it's different. Plus, we knew we would own the business, but RIT owns the location, so it's very much like a franchise.

Agbor-Tabi and Fansey believe their product, although a bit pricier, is exceptional in value. Our pizza doesn't look the same as what people are used to because we layer our secret sauce on top of the cheese so the crust never gets soggy, says Agbor-Tabi. Plus, we use pure olive oil, fresh basil and fresh mozzarella cheese instead of packaged shredded. It's more expensive, but it's worth it.

Marcia Morphy | mpmuns@rit.edu

Concert features

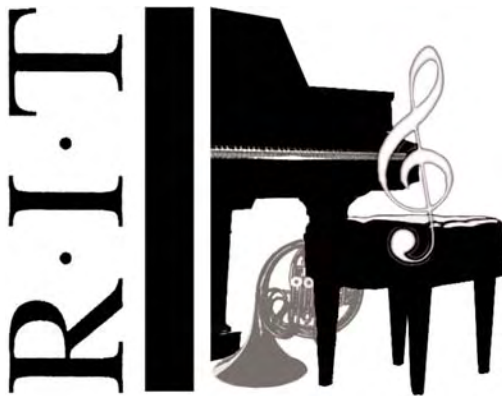
The 11th season of the Performing Artists Concert series continues on Wednesday, Dec. 7 with a performance by the Eastman Philharmonia Chamber Orchestra.

The 8 p.m. concert will be held in Ingle Auditorium, Student Alumni Union.

Neil Varon will conduct a program of Mozart's *Overture to the Impresario* and *Symphony No. 36 K425* (Linz) and Koussevitsky's *Concerto for Double Bass, Op. 3*.

Conductor Neil Varon, director of orchestral activities at Eastman School of Music, oversees the school's orchestral program and serves as primary conductor of all the orchestras.

The Eastman Philharmonia Chamber Orchestra rarely performs outside the Eastman School of Music. However, this appearance has been made possible by James



Undercofler, Eastman School dean, to provide an opportunity for the orchestra to perform in front of a diverse audience.

Tickets are \$5 for students, \$12 for faculty/staff/alumni and \$18 for the public, available at the candy counter in the Student Alumni Union or at the door on concert night, if available. To purchase with a credit card, call 475-5210.

For more information on the concert, visit www.davidigital.com/

New degree from page 3

design and computing technology. The learning and knowledge management systems degree will be taught completely online using a variety of e-learning techniques and systems and will be offered part time to accommodate the schedules of employees and students currently in the workforce. To enhance the learning experience, students will be invited to campus twice a year to attend orientation and related conferences.

Kelly Downs | kaduns@rit.edu

RIT board from page 1

(2005-2015), the 175th Anniversary, the opening of the Gordon Field House and Activities Center, the start of doctoral programs in microsystems engineering and computing and information sciences and the launch of RIT hockey at the Division I level. He also led RIT into the final year of the Capital Campaign.

This has been the greatest honor of my life, says James. Al Simone is the greatest leader I have met in my life. It has been a tremendous

by the introduction of digital media, says Bruce Austin, communication department chair. This symposium investigates news and news-making from several significant perspectives: the mainstream media, the niche media, the photojournalists and the Web bloggers.

Thomas Curley (MBA), president and CEO of The Associated Press, kicks off the event as keynote speaker. He then participates in a discussion focusing on mainstream

media in the digital age. Curley is among a group of scheduled panelists that includes J. Ford Huffman, editor of *USA Today*; Michael Kane, president and publisher of the *Democrat and Chronicle*; and Chuck Samuels, news director at WHAM-TV (Channel 13).

The symposium, which takes place in the Student Alumni Union, is free and open to the public. To register online, visit www.rit.edu/journalism.

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Brinkman Lab showcased



DMG America engineer Suresh Makkenchery and RIT student Alex Kinlock check out state-of-the-art equipment at an Oktoberfest-themed open house at RIT's Brinkman Manufacturing Lab in the Louise M. Slaughter Building on Oct. 20. Presented by RIT and DMG America, the event served to showcase machinery available in the lab to more than 200 local manufacturing companies and technical associations.

A. Sue Weisler | photographer