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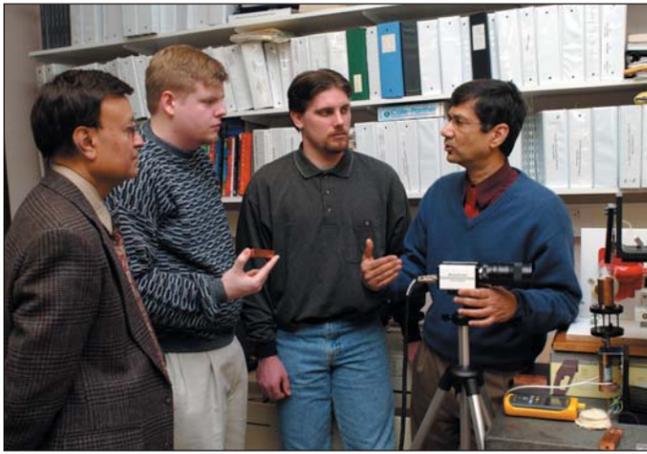
News & Events

Volume 35, Number 10 January 30, 2003
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New lab leads RIT's fuel-cell technology research

An Advanced Fuel Cell Research Laboratory has been launched by RIT's Kate Gleason College of Engineering and College of Science. The lab, supported in part by a grant from the university's **First in Class Initiative**, is a center for industry and government-funded applied research into fuel-cell technology for automotive and stationary power-generation applications.

A cross-section of researchers—indicative of the scope of fuel-cell technology—will use the new lab, including faculty and students from mechanical engineering, electrical engineering, and industrial and systems engineering in the College of Engineering; chemistry and physics in the College of Science; and electrical engineering technology in the College of Applied



Ramesh Shah, far left, and Satish Kandlikar, far right, discuss microchannel fuel-cell technology with mechanical engineering students Christopher Wall (holding a microchannel device) and Brian Banazwski.

Science and Technology.

"Fuel cell-related projects across the university involve the development of heat-transfer and gas-flow technology, polymer

membrane materials, nanotechnology, renewable approaches to hydrogen generation, sustainable design and public policy," says Donald Boyd, associate provost for outreach programs.

Equipped with new, state-of-the-art equipment including a proton-exchange membrane fuel-cell unit, the lab is also integral to undergraduate, graduate and professional-development fuel-cell research and studies.

"Work at RIT will be important in the design of next-generation fuel-cell applications for automotive and power industries as well as for small, portable electronic devices," says Ramesh Shah, research professor of mechanical engineering and lab director.

Heat transfer and gas flow in the design of fuel-cell stacks is another focus area for the lab, says Satish Kandlikar, professor of mechanical engineering. He

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Study helps raise violence awareness

Results of a two-year study tracking RIT students' experiences and attitudes about sexual and relationship violence show a statistically significant increase in students' awareness.



LaVerne McQuiller Williams presented her research findings about students' experiences and attitudes about sexual and relationship violence.

The study's authors, Julie White, director of the Women's Center, and Laverne McQuiller Williams, assistant professor of criminal justice, unveiled their findings Jan. 21 during a Women's Research Forum.

Surveys were conducted in spring 2000 and spring 2002 as part of the New IDEAS to Prevent Violence Against Women project. Funded by the U.S. Department of Justice, the project aims to reduce sexual and relationship violence among college-age students.

Following the initial survey, the project launched campus-wide intervention activities, distributed awareness posters and formed awareness groups such as Men Against Violence Against Women and Staged Sex, a peer-theater troupe.

The results of the second survey reinforce the positive effect of awareness campaigns and peer-to-peer education.

White and Williams, pleased with the positive impact on the RIT community,

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GCCIS names associate dean and LAC director

As RIT's newest college sets up in an exciting new building, its leadership rolls out new positions.

Dean Jorge Díaz-Herrera, B. Thomas Golisano College of Computing and Information Sciences, has named Roger Gaborski associate dean for graduate studies and research, and director of the Laboratory for Applied Computing. The dean plans to announce a second associate dean in coming months.

"Roger brings a mix of in-depth research and industry experience that will greatly contribute to our goals," says Díaz-Herrera. "He is charged with investigating new graduate-study possibilities such as Ph.D. programs, and with fostering projects that will integrate areas of our college as well as disciplines like imaging

science and nanotechnology. These goals clearly link to the LAC."



Roger Gaborski, standing, meets with graduate students in the Laboratory for Applied Computing.

neural networks, he will remain a faculty member in the computer science and

His new roles both deal with the LAC, a high-technology facility that supports **First in Class**, and well suit Gaborski's background and interests. Steeped in areas such as artificial intelligence, computer vision, medical imaging and

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OUR RIGHT TO CONTINUE DREAMING... RIT's Commission for Promoting Pluralism sponsored this year's Martin Luther King Jr. Day celebration on Jan. 15. This year's program featured a keynote address by race relations expert Naomi Tutu, above, daughter of South African Archbishop Desmond Tutu, and program coordinator for the Race Relations Institute at Fisk University. Tutu also met with students during a round-table discussion to talk about race issues on campus.

Campus Safety patrollers trained to use new defibrillators

Campus Safety welcomed 2003 with license for a new lease on life—for cardiac-arrest victims. Thanks to the efforts of Sen. Jim Alesi, who obtained \$15,000 through a legislative member item, RIT now has defibrillators in Campus Safety vehicles.

CS officers spent time over holiday break learning to use the automatic external defibrillators (AEDs). The portable devices, designed for quick access and easy use, can save lives often lost after the first 10 minutes of a cardiac arrest. "Having a defibrillator on site improves chances for survival 40 percent or more," says Bob Craig, director of campus safety, whose team led the initiative to acquire AEDs for RIT patrol cars.

"The RIT campus, with its thousands of students and daily use by hundreds of faculty and visitors, is a perfect example of an environment that can benefit from having AEDs readily available," says Alesi.

According to information from AED manufacturer Philips Electronics, a quarter of a million Americans die each year



Campus Safety officers Kevin de la Sota, left, and James Schofield show how AEDs work.

from heart attacks. The company says survival rates start at 60 percent if the heart receives an electric shock during the first four minutes of a cardiac arrest. After 10 minutes, chances drop to 1 percent.

Anyone can get AED training through the Red Cross and, at RIT, through Campus Safety officers James Schofield and Kevin de la Sota, both certified trainers.

Explaining the ease of use, Schofield says, "The AED is full proof in the way it reads the heart rhythm. It makes the diagnosis, so it's not up to the officer to decide to shock or not." If the heart rhythm is in shockable range, the AED relates status, verbally, and lights up the appropriate button.

With the patrol staff now fully trained, Craig says that all 40 Campus Safety

employees will learn to use an AED. "This follows up CPR training we've conducted with our staff."

RIT has placed four of the six AEDs in CS vehicles; one in the CS main office in



Sen. Jim Alesi, second from right, who secured funds for six AEDs, learns more about the life-saving devices from Campus Safety's Jim Bundy, far right, James Schofield and Jody Nolan.

Grace Watson; and one at the RIT Inn & Conference Center.

"I hope we never have to use the AEDs, but if we do, as first responders to a scene, we'll be able to help the victim much sooner with the device on hand," says Craig. ■



Photo credit: Ren Meinhart

THE ULTIMATE SUPER BOWL PARTY... First-year film student Greg Smith, center, watches Super Bowl XXXVII with friends in Clark Gym, Jan. 26. The event, hosted by Student Government, was the biggest Super Bowl party in RIT history. Lambda Alpha Upsilon fraternity, the Black Awareness Coordinating Committee, Greek Council, Residence Halls Association, NTID Student Congress, OCASA, Global Union and the P.E.R.D.A. Team also sponsored the event.

Rockers Our Lady Peace play Clark Gym Feb. 7

Popular Canadian rock band Our Lady Peace visits RIT at 8 p.m. on Friday, Feb. 7, in Clark Gymnasium to perform and promote their latest album, *Gravity*, before launching a European tour with Avril Lavigne in early March.

Gravity marks Our Lady Peace's creative convergence with Metallica producer Bob Rock and POD/Nickelback mixer Randy Staub to bring a simpler, more aggressive sound.

During the past year, Our Lady Peace earned numerous honors including topping the nominations at both the Juno Awards



Our Lady Peace brings their brand of rock to RIT's Clark Gym Feb. 7.

and the MuchMusic Video Awards.

Tickets—\$10 for students, \$15 for faculty/staff and \$20 for the general

public—are available at the RIT game room and candy counter in the Student Alumni Union. Tickets can also be purchased with a credit card by calling 5-2239.

The concert is sponsored by the College Activities Board. ■

LaFalce to give Gannett lecture

Former U.S. congressman John LaFalce, who represented western New York from 1975 to 2002, will visit RIT Thursday, Feb. 6, to give his talk, *Globalization Up or Globalization Down?: Reflections on the Washington Consensus*, as part of the Caroline Werner Gannett Lecture Series. The event will begin at 8 p.m. in Webb Auditorium of the James E. Booth Building.

"In 1993, LaFalce held hearings on human rights and globalization in Latin America," says Robert Manning, Gannett Professor and director of the Gannett Lecture series. "His distinguished leadership on international financial, trade and development issues was instrumental in improving oversight of the International Monetary Fund in the mid 1990s and securing debt relief for many impoverished countries in 1999."

On Thursday, Feb. 13, the Gannett

Renowned painter speaks Jan. 30

Renowned artist Janet Fish will give two informal talks about her paintings on Thursday, Jan. 30. The "painterly realist," who is well known for her richly executed oil paintings and pastels of glass objects, fruits and flowers,



Janet Fish

will speak at noon at the James E. Booth Building, room A172.

At 7:30 p.m., Fish will lecture and offer a slide presentation of her work at the Memorial Art Gallery's auditorium, 500 University Ave.

series will show, *The Charcoal People*, at 7:30 p.m. in the George Eastman Building, room 2000. The documentary details the plight of thousands of migrant workers, known as Charcoal People, who slash and burn the Amazon forest for high-grade iron ore which, when converted to pig iron, is mainly used by United States' automotive and construction industries. The film shows how the environment is being destroyed by an industry that offers its workers and families little hope of a decent life.

For more information, visit www.rit.edu/gannettseries or call 5-2057. ■

Get your tickets—Vagina Monologues, Feb. 14-16

Eve Ensler's Obie Award-winning play, *The Vagina Monologues*, comes to RIT's Ingle Auditorium, 8 p.m., Friday, Feb. 14 and Saturday, Feb. 15, and 2 p.m., Sunday, Feb. 16. The play celebrates V-Day, a campaign to end sexual violence against women and to proclaim Valentine's Day as the day to celebrate women and demand the end of abuse.

V-Day began in 1998 with a benefit performance of *The Vagina Monologues* performed by Eve Ensler, Glenn Close, Susan Sarandon, Whoopi Goldberg, Winona Ryder, Calista Flockhart, Marisa Tomei, Gloria Steinem and Lily Tomlin. The purpose was to raise awareness and money to stop rape, incest, battery and genital mutilation, and all forms of violence against women.

The Vagina Monologues delves into the mystery, pain, humor, power, wisdom and excitement of women's experiences. RIT's production features readings by faculty, staff and students, and is part of the national campaign to end violence against women.

The play is being produced by RIT's Women's Center, with co-sponsorship

from several other campus organizations and will be performed simultaneously in American Sign Language and English.

Tickets—\$5 for students, \$10 for everyone else—are available by calling RIT's game room at 5-2239.

Proceeds from the shows will benefit Rape Crisis Service of Planned Parenthood, Alternatives for Battered Women and Advocacy Services for Abused Deaf Victims.

For information, call 5-7464 (v/tty). ■

Love is in the air: '8minuteDating' at RIT

Who says love has to last forever? How about just eight minutes?

The Center for Residence Life and OCASA are sponsoring the first-ever "8minuteDating" event for college students at 7:08 p.m. on Feb. 11, at the RIT Inn & Conference Center coffee house.

RIT's alcohol-free event, part of "Cupid Party," the largest dating event in the nation, costs \$15 and is open to students age 18-25.

RIT students will get eight eight-minute dates with other eligible RIT singles. Various Student Affairs offices will act out student services' "fun-fomercials" between rounds and participants will have a chance to mingle during a 20-minute intermission.

"Residence Life has been focusing more programming on students' transition to post-college life as well as connecting them to community resources. I was impressed with 8minuteDating's organization and technology—being Web-based, providing anonymity and matching—and ability to provide our students a safe way to meet at least eight other singles," says Cha Ron Sattler, assistant director in residence life.

What happens if two lovebirds hit it off? After the event, participants log onto the 8minuteDating Web site and indicate their interest. If it's mutual, each party receives an e-mail with the other person's contact information. For the second date, they're on their own.

For more information and to register, log onto www.8minuteDating.com. ■



TEACHING THE ECONOMICS OF GLOBALIZATION... Paychex Inc. Senior Vice President and Chief Financial Officer John Morphy shared insights about economics and globalization with the RIT Economics Club, Jan. 14. Morphy spoke on the role of higher education in an ever-globalizing economy.

Special Services—now TRiO—help students find resources and tools for success

Where do you go if you need a little help navigating the RIT experience?

If you're a first generation college student, in a low-income bracket or have a documented disability, TRiO Student Support Services is the place to go.

Located on the second floor of the George Eastman Building and formerly known as the Office of Special Services, TRiO will still offer the same quality services it has for the past 27 years. Its full-

time office staff of five has more than a century of combined experience at RIT (114 years between them, to be exact).

TRiO's goal is to give at-risk RIT students the right tools and resources to help them stay and succeed in school, says Marie Giardino, director. "Given the right level of support and self-motivation, TRiO students can excel as well as any other student at RIT," she adds.

The office works with up to 250

students each year and offers services including individual tutoring; math mentoring/advising; peer mentoring developing academic, personal and career skills; and individual and group counseling.

For the 2001-2002 academic year, TRiO students had an 88 percent retention rate.

For more information about the services offered by TRiO, log onto www.rit.edu/~speccserv/ or call Giardino at 5-2832. ■

Wind up that arm: Dodgeball fund-raiser

Phi Kappa Psi is holding its third annual charity dodgeball tournament at noon, Saturday, Feb. 1, in the Student Life Center.

All proceeds from the tournament will be donated to the Deseray Briggs Memorial Scholarship Fund. Her parents have established a scholarship fund in her memory that will eventually award an annual scholarship of \$1,000 to a graduating senior of Carthage Central High School, Briggs' alma mater.

"Hopefully we can raise enough money so that we can award the scholarship from the interest earned each year. We want to do this so that a little piece of Deseray can help someone get a better education," says Penny Briggs, Deseray's mother. "Deseray always believed in education and so do we."

For more information about the fund-raiser, contact event organizers Brad Hunter and Bob Aiello at bhunter190@hotmail.com or 272-6159, or visit www.ritdodgeball.org.

The tournament is co-sponsored by ROTC and the Center for Residence Life. ■

HITTIN' THE ROAD... Images from *Science*, the highly acclaimed photographic showcase created at RIT, has become a traveling exhibition. It's now on display at the Peggy Notebaert Nature Museum in Chicago, where it will remain through April 7. The exhibit debuted on campus last October and is the brainchild of Michael Peres and Andrew Davidhazy, professors in the School of Photographic Arts and Sciences.

Images from *Science* returns for an encore presentation May 1-3 as part of the 100 Years of Photography at RIT celebration. For more information on the exhibit, log onto <http://images.rit.edu>. (photo: *The Heart of the Whirlpool Galaxy*, Hubble Heritage Team)



Packaging fair, Feb. 5

RIT's packaging science program in the College of Applied Science and Technology will host its 13th annual Packaging Science Career Fair from 9 a.m. to noon and 1 to 3 p.m. on Wednesday, Feb. 5, in the Louise M. Slaughter Building, rooms 2210-2220.

Nineteen companies will be represented at the event, RIT's largest annual on-campus career fair. Many students typically receive co-op or full-time job offers during on-the-spot interviews or on-campus follow-up interviews, says Karen Proctor, program chair. Spurring demand for RIT packaging science graduates: the program is one of only seven of its kind in the United States.

Salon series continues

The College of Liberal Arts' Friday Afternoon Salon series will present the Eastman Gamelan, or world music ensemble, from 1 to 1:45 p.m. on Friday, Feb. 14, in the Student Alumni Union, room A128, located next to the game room.

For more information, e-mail Michael Ruhling, assistant professor of music, at mergsl@rit.edu.

Give the gift of learning

The Athenaeum, RIT's innovative educational organization for adults over 50, is offering gift certificates for membership. For more information, or to request a course catalog, call 292-8989.

Working to preserve RIT's history

Becky Simmons and Kari Horowicz have something in common: A deep respect for preservation and access to historic collections in technologically advanced libraries.



The addition of Becky Simmons, left, as RIT archivist allows Kari Horowicz to focus on her work as reference librarian/bibliographer for art and photography.

Simmons is the newly appointed RIT archivist at Wallace Library, and previously served as associate librarian at George Eastman House: International Museum of Photography and Film. She earned a master in library science degree from Syracuse University in 1983 and a master in fine arts degree in visual art

from Vermont College in 1997.

Horowicz earned a master in library service degree from Columbia University in 1988 and has worked at Wallace since 1996.

In her new position, Simmons will relieve Horowicz of her "double-duty," allowing her to continue solely as RIT's reference librarian/bibliographer for art and photography.

"I am happy to have Becky on board," says Chandra McKenzie, assistant provost/director of libraries. "She'll expand on the terrific job done by Kari, working to bring our collections to the community's attention."

While Horowicz is looking forward to strengthening her connections with the art and photography faculty, staff and students, Simmons' first priority is to prepare for RIT's 175th anniversary.

"My contribution will be to create new ways to view the archives and learn about RIT's past through exhibitions both on and off campus," Simmons says. "This also means a much stronger presence on the Web. Expect to see much more about RIT's history in the future." ■

Lecture sheds light on business in China

China represents the new frontier for many western businesses, but what can firms expect upon arriving there?

Clark Kinlin, president of Corning International Corp., will share his global



Clark Kinlin

expertise as the Center for International Business and Economic Growth in the College of Business resumes the Honored Speaker Lecture Series. The presentation, Must be Present to Win: Corning and the China Challenge, begins at 11 a.m. on Thursday, Feb. 13, in the Chester F. Carlson Center for Imaging Science auditorium.

Kinlin will address Corning's international market ventures and its entry into the Chinese arena. Highlights include discussion of the company's focus on technological innovation, a review of Corning's model for global development, and analysis of what hurdles still lie ahead.

David Reid, RIT's Benjamin Forman Chair in International Business, serves as host for the Honored Speaker Lecture Series. To register, contact Angelo Fuino at 5-7431 or jafbub@rit.edu. ■

New York state news: New pedestrian law

Safety news from the state: Pedestrians now have right of way in crosswalks in New York state, according to a change in the law that went into effect Jan. 19. This means that drivers must slow down and/or stop to allow pedestrians to cross within a walkway.

The law applies when no traffic lights are in service and no pedestrian tunnel or overpass exists. It also states that pedestrians must not suddenly walk or run into the path of a vehicle such that "it is impractical for the driver to yield." In the near future, the state's transportation department will offer crosswalk-warning signs for drivers.

For details about the law, visit www.senate.state.ny.us under NYS Laws, Article 27 of the Vehicle and Traffic Law.

Collaborative learning stressed at ETC forum

Barbara Millis, director of faculty development at the U.S. Air Force Academy, was a keynote speaker at the Faculty Institute on Active Learning's mid-January symposium, sponsored by RIT's Educational Technology Center.

Millis spoke on the importance of collaborative learning in the classroom. Other speakers at the two-day event included ETC staff members Bob Ertischek, Richard Fasse and Karen Vignare; and Ginny Hronek, president of Dynamix Training and Consulting.

Millis is the former assistant dean of faculty development at University of Maryland University College, author of numerous faculty development articles and guest

speaker at invitational workshops worldwide.

Her lecture, Moving from Research to Practice: Enhancing Learning through



Lynn Wild, left, chats with keynote speaker Barbara Millis and David Cronister. Millis' talk at the Faculty Institute on Active Learning focused on collaborative learning in the classroom.

Intentional Teachings, focused on the need for sequencing classroom assignments to promote deep learning.

"Deep learning and collaborative thinking involves motivating students to acquire a solid knowledge base through active and interactive learning," notes Millis.

"Students may be able to recall information on a short-term basis; however, one of the goals of deep learning is to have students gain a long-term retention of learned classroom knowledge."

"This is not the only way to teach," Millis adds, "but this approach is geared towards leading higher educational instructors to a more purposeful way of teaching." ■

Middle States report update

RIT's accreditation is in good standing with the Middle States Commission on Higher Education.

The commission approved RIT's "Periodic Review Report," which serves as a 5-year update in the accreditation process, says Kit Mayberry, associate provost for academic programs.

In the report, RIT reviewed strategic and operational successes and challenges of the past five years and projected the university's likely progress in the next five years.

The next 10-year evaluation is scheduled for 2006-2007.

The report highlights RIT's priorities in coming years, such as diversity, student retention and student success.

The full text (and appendices) of RIT's Periodic Review Report is now available online at www.rit.edu/~620www/msr/. ■

New associate dean and LAC director (from page 1)

imaging science departments.

Gaborski, a former Eastman Kodak Co. senior research associate, National Security Agency senior electrical engineer, and pollution researcher for Calspan, has led teams in developing technologies and fostered numerous collaborative endeavors with both universities and industry.

"I welcome the opportunity to help develop RIT's world-class reputation in applied research, through new graduate studies and the LAC," says Gaborski. The LAC—designed for industry partnerships in real-world problem solving and applications development—houses a new Linux computer cluster for bioinformatics acquired through an IBM grant. Last year, LAC served as the launch pad for a Xerox/RIT Web site offering trial software applications. Other partners have included Hewlett Packard, Cisco and Sun.

Gaborski's plans for the LAC focus on several levels: providing a stimulating,

collaborative environment for GCCIS students and faculty; fostering inter-college projects such as scientific information systems, bioinformatics and intelligent systems, i.e. a biologically inspired computer vision system; and teaming with other universities to obtain sustained funding from government agencies and industry. RIT's colleges of Science, Engineering, and Applied Science and Technology, clearly, will find relevant collaborations through the LAC, he notes.

A lifelong innovator, Gaborski was issued 24 patents as inventor or co-inventor and has more than 40 published works. Recent consulting projects focused on computer vision, machine learning, image understanding and neural networks with Kodak, PSC, the RIT Research Corp. and Recon/Optical. He holds a B.S. and M.S. from State University of New York at Buffalo and a Ph.D. from the University of Maryland, all in electrical engineering. ■

PRESSING FORWARD . . .

Installation of RIT's new Heidelberg Sunday 2000 press system is now complete. Over the past few weeks, operators have been busy testing various components on the web press. When fully operational, the system will become the centerpiece of education and research within the School of Print Media.

Dedication of the Heidelberg Web Press Laboratory is scheduled for April 25.



Theater alive and well

The RIT Players present *Rosencrantz and Guildenstern are Dead*, a production by Tom Stoppard, at 8 p.m., Thursday, Jan. 30 and Friday, Jan. 31; 2 p.m. and 8 p.m., Saturday, Feb. 1; and 8 p.m., Sunday, Feb. 2. Performances will be in Ingle Auditorium, Student Alumni Union.

Tickets—\$3 for students and \$5 for everyone else—can be purchased from 10 a.m. to 2 p.m., Jan. 30 and 31 in the SAU lobby, or at the door.

Dean's Lecture Series

James Janicki, co-founder and vice president of Real Time Enterprises Inc., will share his expertise during the next installment of the B. Thomas Golisano College of Computing and Information Sciences Dean's Lecture Series. Real Time Enterprises, based in Pittsford, is a full-service software engineering firm with expertise in developing and implementing innovative business solutions.

Janicki's presentation, The Importance of Process in Software Development, begins at 1 p.m. on Friday, Jan. 31, in the Chester F. Carlson Center for Imaging Science auditorium. For more information, call 5-4796.

What would Henry do?

How would William Shakespeare's Henry V handle today's political mess? Guest lecturer Paul Cantor, from the University of Virginia, will consider the Tudor king's political sensibilities during his talk, On the Statesmanship of Henry V, from 7:30 to 9 p.m. on Thursday, Feb. 6, in the Carlson Auditorium. The talk is a continuation of the lecture series, Shakespeare's Politics, sponsored by the College of Liberal Arts' political science department.

For information, call 5-4620.

Information forum

On Saturday, Feb. 8, the Offices of Part-time and Graduate Enrollment Services will sponsor an information forum for adults interested in starting or continuing their education on a part-time evening basis.

The session will be held from 10 a.m. to 12:30 p.m. in RIT's Bausch & Lomb Center. Call 5-2229.

Unity House tribute

RIT's Unity House is sponsoring their fourth annual Tribute to Black Art and Music at 7 p.m., Sunday, Feb. 9, in Webb Auditorium.

The free show features performances by the RIT Gospel Ensemble, RIT Step team and the Nate Rawls Jazz Band, as well as skits and performances offering a basic history of African-American art and music and how it relates to popular culture and the RIT community.

For more information, log onto www.rit.edu/~unitywww/ or e-mail rit_unityhouse@yahoo.com.

Student Health events

The Student Health Center is sponsoring a men's health open house, 2-4:30 p.m., Tuesday, Feb. 11, in the SHC, and Sex and the Brick City, 11:30 a.m.-1:30 p.m., Friday, Feb. 14, in the Student Alumni Union.

Annual PI reception

Did you know that 754 proposals were submitted last year by RIT principal and co-principle investigators? To hear about their innovations and successes, come to the fifth annual PI Reception, 3-4:30 p.m., Thursday, Feb. 13, in Xerox Auditorium, James E. Gleason Building.

The free event, held by the Office of Grants, Contracts and Intellectual Property and sponsored by the Office of the Provost, is open to everyone.



CONTRIBUTING TO U.S. STRENGTH...
Rep. Tom Reynolds, R-East Amherst, Erie County, toured the Defense Modernization and Sustainment Initiative in CIMS Jan. 22. Federally funded by \$4 million, the program researches ways to monitor military vehicles for mechanical problems before they occur. Reynolds praised President Albert Simone and RIT for its work on behalf of America. "At this time in our nation's history, the work being done at RIT is more important than ever," said Reynolds. "And it's developing technology here at home that means jobs in our community."

Students: Re-apply now for federal, RIT financial aid

Attention students: The time has come to reapply for financial aid for the upcoming academic year. Fortunately, RIT's Office of Financial Aid has simplified the 2003-04 application process and, now, both applications can be filed electronically. The steps include:

- Complete a FAFSA (Free Application for Federal Student Aid)—The federal government requires that students reapply for financial aid each year by completing a new FAFSA. To complete the FAFSA or to renew the application electronically, students and parents should log onto www.fafsa.ed.gov. Be sure RIT's federal school code, 002806, is listed.
- To sign the electronic FAFSA, both student and parent will need a PIN. Students and parents can request either an original or duplicate PIN at www.pin.ed.gov.
- Complete an RIT Undergraduate Financial Aid Form—This abbreviated, one-page form replaces the former RIT

Undergraduate Financial Aid Application. It can now be completed and submitted electronically to the Office of Financial Aid. No signature is required. Students should log onto the new Web site, found at www.rit.edu/financialaid/forms.html, to complete the form online. For most students, these will be the only forms needed. However, the federal government selects a number of applications for "verification" and requires RIT to collect additional information from those selected applicants. The federal Department of Education notifies selected students on the Student Aid Report. The Office of Financial Aid will contact those students to request the additional required documents. Students who file both forms by April 1 will receive priority consideration for all RIT financial aid programs. Applications filed after April 1 will receive consideration as long as funds remain available. For more information, contact the financial aid office at 5-2186 or 5-6909 (tty). Links

to the forms can also be found at www.rit.edu/financialaid. ■

Olympic medalist joins RIT coaching team

RIT's men's and women's diving program has the privilege of learning from the best. Former U.S. Olympian and International Swimming and Diving Hall of Famer Wendy Van Der Woude joined RIT's athletic program this year. Van Der Woude enters her first season as head diving coach after an illustrious career as an amateur diver, which included an Olympic bronze medal in 10-meter platform diving at the XXIII Olympiad in Los Angeles in 1984. ■



Wendy Van Der Woude

Advanced fuel-cell research lab (from page 1)

explains that a fuel-cell system consists of an electrolyte between two electrodes. To increase power output, multiple cells are grouped in stacks that also consist of gas channels, a gas diffusion membrane and bipolar plates. Three graduate students from General Motors Corp. are currently working with Kandlikar on thesis projects related to thermal and water management issues in fuel-cell stacks. In addition, GM's Global Alternative Propulsion Center and Delphi Energy and Engine Management Systems, both in Rochester, regularly offer co-op and employment positions to RIT students and graduates, many with degrees in mechanical engineering with an automotive option. "We believe RIT students with the automotive option have tremendous potential to serve industry, particularly with the strength of automotive fuel-cell development locally," Kandlikar says. Adds Ed Hensel, professor and head of mechanical engineering, "Rochester is in a unique position to capitalize on the emergence of fuel-cell technology and RIT will ensure the availability of a fully trained engineering talent pool as it contributes to the

advancement of this important energy field." Other fuel-cell activities in the engineering college include:

- The first International Conference on Fuel Cell Science, Engineering and Technology, expected to draw 225 researchers, will be hosted by RIT this spring. Shah and Kandlikar are co-chairs of the conference, sponsored by the American Society of Mechanical Engineers. A workshop on advanced fuel-cell technology hosted by RIT last April drew more than 100 national and international researchers.
- The first International Conference on Microchannels and Minichannels, also sponsored by ASME, is expected to draw more than 150 researchers from 10 countries to RIT, also this spring. "Minichannels and microchannels are critical components in fuel-cell stack design," says Kandlikar, conference chair.
- Nabil Nasr, director of the Center for Integrated Manufacturing Studies and Earl W. Brinkman Professor of Industrial and Systems Engineering, is studying the development of sustainable design tools for fuel cells, the ecological "foot print" of fuel cells, and remanufacturing of fuel cells. Research with Plug Power Inc. of Latham focuses on powering a home "from heat to hair dryer" with fuel cells.
- A short professional-development course for engineers, Fundamentals of Fuel Cell System and Component Design, instructed by Shah and Kandlikar, will be offered each fall. The course was attended by more than 30 when it was offered for the first time last October.

"We're identifying niche areas, like micro-cells and sustainability," Harvey Palmer, engineering college dean, says of COE's fuel-cell research initiatives. "RIT is a natural place for developing and assessing fuel-cell technology." ■

Women's forum (from page 1)

plan to continue awareness-raising using funding awarded through 2004, while working on obtaining future funding. The project's ultimate goal is to create an environment and establish policies promoting healthy relationships, empowering victims and providing advocacy, crisis intervention and long-term counseling. The next Women's Research Forum will feature language and literature professor Lisa Hermsen's Domesticated Jungles and Gendered Preserves: Osa Johnson's Conservationism on Film. The free, public event will be held at 4 p.m. on Thursday, Feb. 6, in the Liberal Arts Building, Faculty Commons. For sign interpreting, call 5-6701. ■



HUGS FOR NRS VISITORS... "RITchie" caught Harold Mowl, superintendent of the Rochester School for the Deaf, in a surprise hug Jan. 18 during the annual on-campus day for the Nathaniel Rochester Society. Mowl and his wife, Mary, are NRS members and avid NTID supporters. This year's event drew more than 120 attendees, from alumni and NRS Scholar volunteers to friends of the university. Members of the Sigma Alpha Mu house and Greek Council hosted tours, sending the group to dinner in the Ritskeller and to be "anchors" on RIT's ESPN Sports Center. Vice President for Student Affairs Mary-Beth Cooper related happenings on campus before the group cheered on the men's ice hockey team against Plattsburgh.



DINING WITH THE CHAMPIONS... RIT men's ice hockey forward Mike Bournazakis will be honored as the Frontier Rochester Area Collegiate male Athlete of the Year by the Rochester Press-Radio Club at the Day of Champions Dinner on Feb. 4, at the Riverside Convention Center. Tickets—\$125 per person and \$1,200 for a table of 10—can be purchased by calling 246-4700.

News & Events is produced biweekly by University News Services. Please send comments to *News & Events*, University News Services, Building 86, or call 475-5064 or fax 475-5097. **Managing Editor:** Laurie Maynard **Editor:** Vienna Carvalho-McGrain **Assistant Editor:** Michael Saffran **Layout:** Laurel Masur **Contributing writers:** Silandara Bartlett, Karen Black, Kelsey Burch, Bob Finnerty, Jamie Joss, Laurie Maynard, Marcia Morphy, Susan Murphy, Michael Saffran, Paul Stella
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Obituary

Herbert VandenBrul

Herbert VandenBrul, longtime member of RIT's Nathaniel Rochester Society, passed away Jan. 24. VandenBrul established an endowment fund in 1984, creating an awards program that honors business leaders for efforts that improve the local economy. The Herbert W. VandenBrul Entrepreneurial Award is presented annually by RIT's College of Business.

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