

News & Events



2 Home away from home



2 New SG leaders at the helm



3 Support for our engineers



4 Honoring RIT's newest retirees

Volume 36, Number 1 August 28, 2003
www.rit.edu/NewsEvents
www.rit.edu/news

Capital improvements abound throughout campus

Bonnie Majestic likens the campus ongoing beautification plan to something any good homeowner would do to maintain their property—add a fresh coat of paint, repair a roof, build an addition, or purchase some shade trees and flowers to create a backyard retreat.

Majestic, landscape architect with RIT's Facilities Management Services, says the renovations to the Administration Circle and the Gannett Quadrangle are the latest in a series of planned enhancements to the campus pedestrian core started last year with the renewal of the Infinity Quad.

"The spatial upgrades aspire to change and enhance the environment so that students, faculty and staff can find spontaneous opportunities to interface with one another," says Majestic. "These enhancements include the intentional use of art in the landscape to create dramatic meeting opportunities—along with changes in campus lighting design, walkway materials, benches and bike racks."

Last May, crews started re-roofing the Student Alumni Union and Carlson Building and closed off pedestrian traffic to the Administration Circle—in preparation for placement of Albert Paley's towering sculpture. The Sentinel was assembled through the summer and completed on Aug. 19.

Although the blueprint for success of campus projects largely falls on the shoulders

of Facilities Management Director Marty Becker, he credits RIT's transformation to the



RIT's newest addition, The Field House and Activities Center

1991 book, *The Campus As a Work of Art*, listed RIT as one of the top 10 in the country. He should see it now!"

Looking ahead:



A view of the Gannett Quadrangle

continued encouragement and support of the administration.

"We have been able to transform major areas of the campus to more 'people-centered' spaces for the third consecutive summer," says Becker. "Thomas Gaines, in his

- Administration Circle reconfiguration: completion date set for October.
- Gannett Quad: October completion.
- Field of GREENS (located across from U)

continued on page 4

RIT ranks among top master's universities

Co-op program excels; ranking puts COB in top 4 percent in nation

RIT has again received high marks in the annual *U.S. News & World Report: America's Best Colleges*. Since the magazine began ranking colleges in 1983, RIT has consistently been listed among top regional universities.

Weighing in as a leader in the 2004 *U.S. News* survey, RIT ranked seventh overall in the Best Universities—Master's (by region—North) category, and second in academic reputation (decided by peer assessment).

In its second year, the "Programs that Work" category placed RIT in the top-10 group for its cooperative education program, with schools such as Antioch, Cal Poly, Georgia Institute of Technology and Northwestern. The category, says *U.S. News*, presents a list of schools "with outstanding examples of academic programs that lead to student success."

In addition, due to RIT's new microsystems Ph.D. program, *U.S. News* ranked RIT's engineering undergraduate programs differently, moving them from the master's-degree group to the doctoral-degree group, in a tie at 77th with schools such as University of Rochester, Rensselaer Polytechnic University, Tulane University and the University of Cincinnati. *U.S. News & World Report* bases its engineering rankings on ratings by deans and senior faculty of peer institutions in their disciplines.

"We're pleased to be among these exemplary doctoral-level schools and look forward to their peer reviews in upcoming years," says Harvey Palmer, dean of the Kate Gleason College of Engineering.

RIT's College of Business continued its successful ranking in the "Best Undergraduate Business Programs," tied at 53 with schools like Rensselaer Polytechnic Institute, Santa Clara and Baylor universities. Business rankings—with 1,400 U.S. business schools

that include 406 accredited schools—are based on peer assessments. "The *U.S. News* ranking puts RIT's College of Business in the top 4 percent of all U.S. business schools," notes Thomas Hopkins, dean of the college.

As a "best value," RIT ranked eighth in the Master's category for northern regional universities. The value rankings relate academic quality with the cost

of attending a college or university (including financial aid). Says *U.S. News*, "The higher the quality of the program and the lower the cost, the better the deal." *U.S. News* considered only schools ranked in the top half of their categories, noting they "believe the most significant values are among colleges that are above average academically."

As part of its formula for rankings, *U.S. News* surveyed officials at 1,400 accredited four-year colleges and universities. *U.S. News* bases its comprehensive university

rankings on peer assessment, graduation and retention rates, faculty resources, student selectivity, financial resources and alumni giving.

The newsstand book, *America's Best Colleges*, will be available Sept. 1. To see the rankings online, visit www.usnews.com.



Most of the college rankings will appear in the Sept. 1 *U.S. News & World Report* magazine.

Scientist teams up for fingerprinting research

An RIT scientist with a passion for ultrasound is applying his medical imaging know-how to help a Buffalo-based company fine-tune its unique fingerprinting-identification device.

Navalgund Rao, associate professor in RIT's Chester F. Carlson Center for Imaging Science, has teamed up with Ultra-Scan Corp., the maker of ultrasonic finger scanners for companies and government agencies.



Laura Blair and Raj Panandiker characterize the ultrasonic finger-scanner developed by Ultra-Scan Corp.

Rao's work will help Ultra-Scan create test procedures used to verify compliance of standards issued by the U.S. Department of Justice and the Federal Bureau of Investigation.

Ultrasound, also known as ultrasonics, uses high-frequency sound waves above 20 kilohertz to read information through barriers. The technology is commonly used to scan the ocean floor, to "see" beneath the earth's surface in search of gas and oil, and to monitor the development of a fetus.

Ultra-Scan repurposes ultrasound to read fingerprints. The technology's accuracy surpasses other methods of fingerprinting—such as optical imaging and the old inkpad method—because sound waves can pierce through grease and dirt that could

continued on page 2



FLYING HIGH . . . RIT's Wildfire Airborne Sensor Program (WASP) will see national exposure on an upcoming episode of ABC World News Tonight with Peter Jennings. Here, computer engineer Jason Faulring operates the infrared sensors that can detect fire from 10,000 feet. Project leaders are Donald McKeown and Michael Richardson. The story will run on ABC News some time before the end of the fire season in October.

Performance series kicks off Sept. 19

The RIT Performing Artists Concert series begins its ninth season on Friday, Sept. 19, with a romp through the early history of jazz.

The 8 p.m. concert, From New Orleans to Chicago, in Ingle Auditorium in the Student Alumni Union, features Peabody Award-winning narrator Michael Lasser



and a classic jazz band. Performers are Rod Blumenau on piano, Lynn Eberhardt on bass and tuba, RIT Liberal Arts professor Peter Ferran on clarinet, Lowell Miller on trombone, Brad Paxton playing percussion and Herb Smith on trumpet and vocal.

Ticket prices are \$5 for students, \$12 for faculty, staff and alumni and \$18 for the public. A four-concert series may be purchased before the first concert for \$40 for faculty, staff and alumni and \$60 for the general public.

Tickets are available at the RIT Student Alumni Union candy counter and game room, or at the door on concert night, if available. For Visa or MasterCard phone orders, call 5-2239.

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

RIT community invited to opening day, Sept. 4

RIT marks "back to school" with opening-day talks starting at 9 a.m., on Thursday, Sept. 4, in the U-Lot tent. President Albert Simone will present his Community Address followed by remarks from Academic Senate Chair Carl Lundgren, Staff Council Chair Dave Edborg and Commission for Promoting Pluralism Chair Alfreda Brown.

The Convocation for New Students, at 2 p.m. in the U-Lot tent, features an academic procession, a keynote address by Tom Brown, a consultant and expert in student retention, academic advising and student affairs, and welcoming remarks by President Simone, Professor Lundgren and Steve Shapiro, president of Student Government. An ice cream social will follow the Convocation.

The RIT community is invited to take part in both events.

Business students now have a home of their own

RIT students have a new venue outside the classroom to share career interests in business. Eugene Colby Hall is home to Business Leaders of Tomorrow, a new student housing option.

BLT is a community that combines academics, professional training and social activities. Up to 33 BLT members will take up residence this fall on the first floor of Colby Hall, with the majority being first-year students.

"I wish I had this kind of housing option when I first arrived on campus," says Audrey Lallier, BLT president. "I think the opportunities we're trying to provide students are very important."

Last fall, Lallier and Christian Davies,



Audrey Lallier, BLT president, left, Katie Cole, house manager, and Christian Davies, BLT co-president, prepare their special-interest housing floor in Colby Hall.

BLT co-president, proposed the idea of housing for students interested in business to the Center for Residence Life. If the floor becomes successful, it will join seven other special-interest housing units on campus focusing on art, computer science, engineering, international cultures, photography, science and unity. Each is under the supervision of RIT's Special Interest Housing Association.

The BLT floor will include special facilities such as a conference room that features a board table, computers and

other accessories. The room will be used for club meetings, seminars, guest speakers and workshops. BLT has received financial and advisory support for the project from the College of Business, faculty and alumni.

"I foresee our business floor becoming not only a resource for business students in polishing their professional skills but also as a focal point in forging lifelong friendships, strengthening the future of our alumni family," states Thomas Hopkins, COB dean.

While many BLT events will offer an academic theme, leaders also plan a variety of recreational and community-service activities. They say it's a chance to breakdown a common stereotype of business students.

"We plan to be very social," remarks Lallier. "It's a chance to show people that business can be fun."

Non-floor residents are also encouraged to join BLT. More information is available by e-mailing blt@cob.rit.edu. n

Professor studies decision-making surrounding arranged marriages

Similar to dating services that bring couples together in the West, arranged marriages in non-Western countries in Africa, Asia and the Middle East seek to match people with similar attributes.

Modern arranged marriages are much like job interviews with resumes, pictures and appropriate background checks.

Curious about how decisions are made in arranged marriages, Amitrajee Batabyal, RIT's Gosnell Professor of Economics, has applied the theory of decision-making under uncertainty to comprehend this non-Western institution. He has published five scholarly papers exploring different aspects of this topic, such as the choice between arranged and Western style "love" marriages, the decision as to when to accept a specific marriage proposal and not wait any longer, and the likelihood of finding the right partner. Virtually no other studies exist on the economics of arranged marriages.

"Marriages in a Western context are essentially search problems," Batabyal says. "But in arranged marriages the decision typically involves solving a so-called optimal stopping problem." In other words, the question is to determine when one should say yes and thereby stop an uncertain marriage proposal receipt process.

Love marriages are not unheard of in non-Western countries. In fact, Batabyal notes an increasing trend in this direction. However, the occurrence of love marriages usually depends on exposure to Western culture, higher levels of education and, often, a family precedent.

The process begins by activating a network

of family and acquaintances who employ a variety of means such as advertising, often placing an ad in the matrimonial section of newspapers like the *Times of India*.

Deciding which candidate, if any, to meet will depend on the qualities one is looking for in a partner and on the importance of those attributes.

According to Batabyal, people who know what they want in a mate will have a greater likelihood of finding the right partner.

However, uncertainty plays a salient role in arranged marriages, especially for those who

are unsure about what qualities to look for in a partner. In this case, the first candidate met is an uncertain prospect and this candidate can serve the role of a benchmark by which subsequent prospects will be evaluated.

Batabyal's research finds that in an uncertain environment, the use of certain decision rules can result in a marrying individual always staying single. In particular, when these decision rules are used to decide when to stop or when to say yes, the expected or average wait until marriage can be arbitrarily long. n

SG heads into new year with fresh ideas

Building school spirit and a sense of community are among the goals of incoming Student Government President Steve Shapiro and Vice President Jacqueline Biehl this year.

Shapiro and Biehl were elected Student Government president and vice president last spring along with senate and cabinet members.

Shapiro, a fourth-year information technology major, and Biehl, a fourth-year new media publishing major, say that RIT students are concerned with the social atmosphere on campus, financial matters and housing.

"Jackie and I have many initiatives for enriching all aspects of student life and together, with our cabinet, we will put those ideas into motion," says Shapiro. One of those initiatives is Student Activities Day on Sunday, Sept. 7. Planned as a huge picnic for incoming students, it will

also showcase RIT's variety of clubs, special interest houses, Greeks and sports teams, Biehl says.

Other issues, such as money and housing will also be looked at by Student Government this year to see what part students can play in addressing them, she adds.

Shapiro and Biehl ran for Student Government office to get more involved in RIT life themselves as well as help the community flourish. When they are not attending classes or co-ops or running things in Student Government, Biehl is involved in Zeta Tau Alpha and works part-time. Shapiro is the executive board treasurer of Phi Sigma Kappa, to whom he attributes much of his success at RIT, and enjoys reading, skydiving or getting into a healthy debate. n



Steve Shapiro and Jacqueline Biehl

NTID's Twyman named student ombudsperson

Lee Twyman is the new RIT Student Ombudsperson heading up the newly renamed Student Problem Resolution Office, located in the RITreat, Student



Lee Twyman

Alumni Union.

Twyman, formerly chair of NTID Counseling Services, has been at RIT since 1977. Prior to being appointed chair of the NTID Counseling Services department, she was an associate professor and counselor at NTID, a part-time family and marriage therapist at the University of Rochester, and chair of NTID's School of Business Careers Counseling Services.

In her counseling role, Twyman has come to know the administration, academic and student affairs systems and networks at RIT very well, says RIT President Albert Simone.

"I have every confidence that she will do an outstanding job and that students at RIT will benefit significantly from her efforts," he adds. n

Four RIT artists selected to display creations at Finger Lakes art show

Four RIT artists received awards of exceptional merit at the 2003 Rochester-Finger Lakes Exhibition. The show, which is presented every two years, is on view at the Memorial Art Gallery through Oct. 5.

Max Lenderman—known by his license plate and to RIT students as "Mad Max"—is professor of textile design in the School for American Crafts. On campus, one of Lenderman's fiber designs, Mysterious Landscape, graces the College of Business lobby in the Lowenthal Building.

"I was exceptionally honored at the Rochester-Finger Lakes show because two of my pieces were accepted out of 806 entries. It's a rarity to have this happen, especially when you consider there are only 40 chosen from 31 artists," explains Lenderman.

The artist received the Pittsford Picture Framing Award for Leaping Mantis, a crochet and glass beading design on mirror surface.

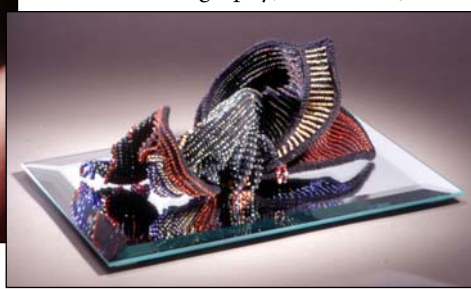
Also a "two-time" winner was Eric Dahlbert, a 2002 MFA graduate in glass from RIT, who designed a glass sculpture, "Old Friends." He won the prestigious \$500 Harris Popular Vote Award, receiving

the most votes from visitors during the first two weeks of the exhibition as well as the Gertrude Herdle Moore/Isabel Herdle Award, given by The Gallery Council of the Memorial Art Gallery.

Artist So Young Park won the Louis D'Amanda Memorial Award for her sterling silver and gemstones piece, Sprouting II. Park holds master's



RIT Professor Max Lenderman and 2003 MFA graduate, So Young Park, received awards of exceptional merit at the Rochester-Finger Lakes Exhibition. Lenderman's winning entry was displayed on a mirrored surface; Park's was modeled to showcase her striking jewelry design.



Roadway closings beginning Sept. 8

Beginning the week of Monday, Sept. 8, areas of RIT's roadways will be temporarily closed due to the installation of raised crosswalks. Motorists will be directed to follow clearly marked detours.

Months of traffic safety analysis and safety engineering, along with other campus enhancements, have led to the fall startup of this project.

The installation comes as part of Campus Safety's RESPECT campaign, launched earlier this year as a way of promoting respect toward everyone and everything within the RIT community. One aspect of the multifaceted campaign encourages traffic and pedestrian safety. Stop signs have already been installed in two new locations, and a crosswalk will be placed near NTID's Lowenthal Drive.

"This latest project is another step forward in an effort to create the safest environment possible at RIT," says Bob Craig, director of campus safety.

The following areas on Andrews Memorial Drive will be affected:

- Week of Sept. 8—University Commons, north of Institute Drive, and K Lot between Perkins Road and Wiltsie Drive
- Week of Sept. 15—near D and N lots
- Week of Sept. 22—Library Loop Road, near U Lot and Lowenthal Building, and area near Lyons Crescent.

The project is the result of a collaboration with Campus Safety, Facilities Management Services, Risk Management, faculty and staff and the Student Government safety committee.

Fingerprinting (from page 1)

obscure a reading.

Rao—whose regular research interests apply ultrasonic imaging to medical diagnostics—entered the project by way of happenstance and a bit of Internet surfing.

"I was searching on the Internet to see who was working on ultrasound," Rao says. "I came across their Web page. Georgia Giummarra, then a research administrator in CIS, helped me get in touch with John Schneider, the chief technology officer at Ultra-Scan."

Schneider was also looking for an ultrasound physicist to work with him on problems that his company lacked the time to investigate.

The collaborative project was made possible by a \$30,000 Center for Advanced Technology grant administered by the Center for Electronic Imaging Systems, a New York State Office of Science, Technology and Academic Research, and matching contributions from Ultra-Scan.

Rao and visiting assistant professor Maria Helguera, along with graduate student Laura Blair, are currently characterizing the finger-scanning device provided by Ultra-Scan and developing test targets to determine its quality metrics.

Rao and his students take the data with a high frequency/high resolution ultrasound transducer, analyze it and then derive information from it. n

Robert Smith named chief of North Star Center

Robert Smith has joined RIT's North Star Center for Academic Success and Cultural Affairs as its new director, taking over the role



Robert Smith

from Eulas Boyd who now serves as assistant provost for diversity. Smith comes to RIT from the Rochester Educational Opportunity Center at the State University of New York College at Brockport where he was associate

dean of enrollment management and student life. In this role, he oversaw the unit responsible for providing academic, remedial, vocational training and education to underserved adult populations. He was also involved with enrollment management, student retention, program completion and job and college placements. He was also responsible for political lobbying of

legislative representatives in order to help support and secure state funding and system-wide initiatives.

Prior to his post at SUNY Brockport, Smith served as senior program manager with The Sutherland Group, Ltd., a customer relationship management company in Rochester, where he was responsible for two operations teams and \$1.7 million in revenue. He has also held positions with Xerox Corp., YMCA of Greater Rochester and Manpower Temporary Services in various administrative management capacities.

A native of Rochester, he earned a bachelor's of science degree in human resource management from Roberts Wesleyan College and a master's of divinity degree in theology with an emphasis in black church studies from Colgate Rochester Divinity School. He

Smith's strong background in admissions, career services, counseling, information technology and student life match with the vision of RIT's North Star Center.

has also completed doctoral studies at the University of Rochester and is pursuing a Ph.D. in human science through the Saybrook Graduate School and Research Center in California.

He is a member of numerous professional organizations including the Schomburg Society for Research in Black Culture, American Association of University Administrators and the American Association of

Higher Education.

An ordained Baptist minister, he is an active member of the First Genesis Baptist Church in Rochester and has served in various capacities in the greater Rochester area including the Mayoral Initiative for African American Male Involvement and the Greater Rochester Martin Luther King Jr. Commission. He also serves as adjunct instructor for the Progressive Bible Institute. n

Merrill promoted to COS associate dean

Douglas Merrill, head of biological sciences in the College of Science, was recently named associate dean.

Merrill will continue as head of the department of biological sciences. He will also focus on COS' growth, working with Facilities Management Services to organize the college's new space.

"COS is expanding and needs to have someone responsible to organize its physical space and to see how all these spaces relate to each other," Merrill says.



Douglas Merrill

The Gosnell building, once a perfect fit, is now a little cramped, even with its recent addition.

According to Merrill, parts of COS will be housed in six buildings across campus this fall. In addition, a new facility is needed to house the Center for Biotechnology Education and Training's laboratories and workspaces.

Merrill joined RIT in 1980, and won an Eisenhart Award for Outstanding Teaching in 1994. He helped the biological sciences department grow, with increased student population and new academic programs. The department has evolved to include BS/MS programs in bioinformatics, biology, biotechnology and environmental science. In addition, CBET—Merrill's brainchild—adds an industry and community component to the college and to RIT as a whole.

To help Merrill balance his dual role as department head and associate dean, a new

administrative position was created for the biological sciences department. Faculty member Nancy Wanek was named associate department head and will assume some of Merrill's administrative duties, such as academic affairs, organizing curricula of programs and recruiting.

"Our department now has over 400 students enrolled in its programs," Wanek says. "Our recent growth has allowed us to hire new faculty members, which means new courses are being developed at a rapid rate. I look forward to bringing students, faculty and courses together."

As a developmental biologist, Wanek, who joined RIT in 1989, studies how development occurs through a combination of embryology, cell biology and genetics. She collaborates with scientists at the University of Rochester who are identifying genes associated with autism.

Wanek will continue to teach in the classroom and laboratory while assuming more administrative duties such as scheduling classes, chairing the curriculum committee and recruiting for the department.

"Our department has been growing so quickly and our labs are very full, and so it really needs a lot of attention to keep track of how the rooms can best be used," she adds. n

More federal funding for NTID research

Characteristics of sign language interpreters that foster academic success, and how to eliminate communication and technical barriers are the subjects of innovative research that has landed RIT's National Technical Institute for the Deaf \$983,000 in federal funds.

The National Science Foundation awarded NTID \$883,883 to study barriers to science, technology, engineering and mathematics education among deaf and hard-of-hearing students.

In addition, the National Institutes of Health recently awarded NTID Professor Marc Marschark a \$100,000 Shannon Award from its National Institute on Deafness and Other Communication Disorders. This study will explore the cognitive and linguistic changes in people who train to become sign language interpreters.

Employing more than 100 full-time interpreters on campus, NTID/RIT has developed a bachelor's program; produced a series of educational interpreting videotapes; developed a one-of-a-kind ASL Dictionary and Inflection Guide on CD to assist student interpreters and other ASL students; developed C-Print Pro, a speech to text software used in schools nationwide; develops and hosts interpreter training sessions locally and regionally; and provides yearly, intensive ASL summer classes to the country's educators. n

Sutherland joins CAST as department chair

George Sutherland has been named chair of the manufacturing and mechanical engineering technology/packaging science department in the College of Applied Science and Technology.

Sutherland was previously president of Washington Manufacturing Services in Mukilteo, Wash., since 1997. The nonprofit company, supported by the state of Washington and the U.S. Department of Commerce, provides technical assistance and educational services to manufacturers in Washington state. Prior to that, he was vice president of CAMP Inc. in Cleveland, a nonprofit provider of engineering, business and training services to manufacturers and funded by the state of Ohio and the National Institute of Standards and Technology; and he was director of NIST Great Lakes Manufacturing Technology Center in Cleveland, a technology-transfer cooperative between the National Institute of Standards and Technology and



George Sutherland

CAMP Inc.

He was a professor of mechanical engineering and director of the advanced design methods lab at The Ohio State University in Columbus, where he taught from 1973 to 1979 and earned a meritorious achievement award in 1975. He was recognized by the American Society for Engineering Education with the Dow Outstanding Young Faculty Award in 1979.

"I'm excited at the opportunity to provide leadership for the department," Sutherland says. "The potential is there to be ranked first nationally in engineering technology and packaging science."

A native of Edmonton, Alberta, Canada, Sutherland earned a Ph.D. in mechanical engineering from Stanford University, a master's degree in mechanical engineering from McMaster University in Hamilton, Ontario, and a bachelor's degree in mechanical engineering from the University of Alberta in Edmonton. His areas of expertise include machine design, machinery dynamics and automated manufacturing. He holds three patents.

Effective Aug. 1, he succeeded John Stratton, department chair since 1999 and former associate dean, who remains at RIT as a professor of electrical and mechanical engineering technology. n

Softball Saturday

Get the old glove out! The tenth annual Softball Saturday will be held Sept. 20. The tournament begins at 9 a.m. For information, contact Daryl Sullivan at 5-5596 or e-mail dcspe@rit.edu.

UW golf tournament

Registrations are being accepted for the 16th annual RIT Rick Pettinger Memorial Golf Tournament, scheduled for Thursday, Sept. 25. Tee off is at noon at Shadow Lake Golf Club in Penfield. This annual tournament serves as the official start for RIT's 2004 United Way Campaign.

Golfers can save \$5 per player by taking advantage of Early Bird registration and sending in the form and payment by Sept. 1. The final deadline is Sept. 12; cost is \$90 per person and \$60 for RIT students. For a golf brochure and registration form, contact Michelle Seger at 5-4968 or mlsgrl@rit.edu.

Religious Life talks

The Center for Religious Life and RIT's Newman Parish are co-sponsoring a six-week noon-time series connecting women from Scripture with today's women.

Daughters of Wisdom: Made in the Image of God begins Wednesday, Sept. 10, in the Skalny Room, Interfaith Center. Bring a brown bag lunch.

Gloria Ulterino, the former director of the Office of Women for the Diocese of Rochester, will facilitate the storytelling and discussion. Ulterino is a storyteller, preacher and author of *Drawing From Wisdom's Well: Stories, Celebrations and Explorations of Courageous Women of Faith*.

Weekly topics include:

- Sept. 10, Made in the Image of God: Another Look at Eve
- Sept. 17, Prophets of Deliverance: Shiprah and Puah, Miriam and Bityah
- Sept. 24, The Call to Wisdom's Feast: A Look at the Canaanite Woman
- Oct. 1, Wisdom's Call to Step Out in Faith: Prisca and her Sisters in Ministry
- Oct. 8, Crying Out for Justice: The Wisdom Woman of Proverbs/the Madres
- Oct. 15, Friends of God and Prophets: A Look at Julian of Norwich.

Grant money helps Project Lead the Way

An early introduction, in middle and high school, to engineering and engineering technology studies is thought to benefit



students in college—an aim of Project Lead the Way, a six-year-old collaboration

between RIT and the National Alliance for Pre-Engineering Programs. A strong foundation of math skills is equally important to college success and is required for participation in Project Lead the Way pre-engineering studies.

A natural pairing: the marrying of math and pre-engineering curricula, in a match made in Henrietta.

The coupling springs from a partnership between Project Lead the Way and the Algebra Project, an initiative founded by civil rights activist Robert Moses to help low income and minority students improve their math skills. The cooperative project, Synergy: Mathematics and Pre-engineering Curriculum Integration in Secondary Schools, is supported by a \$77,500 development grant from the Math Excellence initiative of the GE Foundation, the 50-year-old philanthropic arm of General Electric Co., to RIT's National Technology Training Center in the College of Applied Science and Technology. The

one-year grant aims to help minority students succeed in science, math and technology studies by integrating algebra and pre-engineering curricula in Project Lead the Way and Algebra Project teacher-training workshops and middle and high school curricula through the cross-training of instructors. They, in turn, will train middle and high school teachers.

"Collaborating with the Algebra Project strengthens Project Lead the Way curriculum and helps prepare students for successful studies in technical fields," says Guy Johnson, director of RIT's National Technology Training Center.

The integrated curriculum will be implemented in fall 2004 in a pilot

program in at least one middle or high school among the 670 Project Lead the Way-affiliated

schools, possibly one in the Rochester City School District, Johnson says. If the pilot program is successful, he anticipates that RIT will request long-term project funding next year.

"RIT's growth in programs and heightened reputation mean greater opportunities for grants from corporate foundations," says Steve Schwab, director of corporate relations in RIT's development division and who researches and identifies potential funding sources to link corporations' specific interests with RIT projects.

For more information, contact Schwab at 5-4992 or smsdar@rit.edu. n

"Collaborating with the Algebra Project strengthens Project Lead the Way curriculum and helps prepare students for successful studies in technical fields."

—Guy Johnson

News makers

• **Abi Aghayere**, associate professor of civil engineering technology, presented three papers at the American Society for Engineering Education conference in June. "The Scholarship Horizons in Engineering Technology: Choosing the Best Path" was co-written by **Wiley McKinzie**, dean of the College of Applied Science and Technology. Also presented were "A Web-based Distance-Learning Course in Structural Analysis," written by Aghayere, and "Assessing the Impact of the Concrete Canoe and Steel Bridge Competitions on Civil Engineering Technology Students," co-written by **Maureen Valentine**, chair of civil engineering technology/environmental management and safety.

• **Dick Budynas**, professor of mechanical engineering, co-wrote *Mechanical Engineering Design, Seventh Edition*.

• **Andrew Davidhazy, Michael Peres and Tom Zigon**, School of Photographic Arts and Sciences, contributed lectures and workshops to the Biocommunications Association Conference this past spring. Peres presented on Digital Photomicrography and Producing QuickTime Movies; Davidhazy presented on Imaging the Invisible Spectrum; and Zigon presented on Producing Interactive Video Clips.

• **Todd Dunn**, associate professor of civil engineering technology, was elected to a three-year term on the Spencerport Central School District Board of Education.

• **Lynn Fuller**, professor of microelectronic engineering, received the inaugural Microelectronics Leadership Award for distinguished leadership in advancing research and education in microelectronics. Fuller is serving as an advisor on the creation of new microelectronics programs at Boise State University and has advised numerous other colleges and universities worldwide on the development of microelectronic engineering programs.

• **Satish Kandlikar**, professor of mechanical engineering, received the 2003 IBM Faculty Award, in recognition of outstanding contributions in computer chip cooling and microchannels research, and a \$20,000 grant from IBM Corp. for research. He presented Flow Boiling Mechanisms in Microchannels at the French Heat Transfer Society's 2003 conference in France. In August, he was named an associate editor of *Journal of Heat Transfer*, published by ASME International.

• **Kenneth Nash, Gerald Bateman, R. Greg Emerton, Susan Foster, Corinne Heschke and Patricia Midgett-DeCaro**, all from NTID, presented at the Inclusion of Deaf People in Education and Society: An International Perspective Conference, in Greece, this past spring.

• **Nabil Nasr**, director of the Center for Integrated Manufacturing Studies, received an Industry Service Award at the I-ITC 2003 Conference in May for his contributions to the International Imaging Technology Council and the industry it serves.

• **Ali Ogut**, professor of mechanical engineering, chaired the 2003 Fluids Engineering Division Summer Meeting, sponsored by the American Society of Mechanical Engineers and the Japan Society of Mechanical Engineers in July.

• **Rhys Price Jones**, College of Imaging Arts and Sciences, **Gary Skuse**, College of Science, and **Paul Tymann**, Golisano College of Computing and Information Sciences, participated in the conference, Meeting the Challenges in Emerging Areas: Education Across the Life, Mathematical and Computer Sciences this past spring.

• **Karen Proctor**, program chair of packaging science, and **Deanna Jacobs**, associate professor, were inducted into Pi Alpha Kappa, the honorary society of the western New York chapter of the Institute of Packaging Professionals.

• **Michael Saffran**, senior news specialist, University News Services, and communication and media technologies graduate student, covers Rochester radio news for the column, "On the Radio," appearing in *Business Strategies Magazine*.

• **Joseph Voelkel**, John D. Hromi Center for Quality and Applied Statistics in the Kate Gleason College of Engineering, published "Gauge R&R Analysis for Two-dimensional Data with Circular Tolerances" in the April 2003 issue of *Journal of Quality Technology*. He also co-published "Value Stream Mapping" in the May 2003 issue of *Quality Progress* with **Christopher Chapman**, Center for Excellence in Lean Enterprise, CIMS.

Campus improvements

(from page 1)

Lot behind Wallace Library) including new artificial turf-type field for soccer, lacrosse, softball and flag football: October.

• Paving of roads and parking lots including resurfaced areas such as Lyon Crescent in front of NTID; Lattimore Place and parking lot L; Wiltsie Drive and parking lot S: all complete by Sept. 1.



Changes being made to RIT's Administration Circle

• Center for Biotechnology Education Training or CBET: in preliminary stage; no construction start date set.

• Micro-e addition (NYSTAR grant): in preliminary stage; no construction start date set.

• Art Park: 2003-04. New project on the west side of Booth Building which will also serve as a transitional walkway from the Infinity Quad to the new quad which will be developed as CBET and micro-e are being built.

• Multidisciplinary studies for engineering: in preliminary stage; no construction start date set.

• Engineering technology wing of CIMS: in fund-raising stage.

• Field House: completion spring 2004.

Addition to the Student Life Center will house fitness, aquatics, intramural playing fields, sports activities and serve as the new venue for concerts, special events with seating for 8,000.

Departments on the move:

• COS/environmental science—Ross Building; medical—Slaughter Building; Munsell Color Science Lab—Link Building

• CAST dean's office; ROTC—Ross Building

• COLA/foreign language, sociology, anthropology—Eastman Building;

• Industrial and systems engineering—Gleason Building

• Film and animation; Image Permanence Institute—Gannett Building n

RIT honors Panara and recent retirees at summer celebration

Class of 2003 retirees became time-honored guests in June in an event at Liberty Hill, the home of RIT President Albert Simone. The sixth annual awards ceremony and picnic celebrated those individuals who retired from RIT during the 2002-2003 academic year.

RIT also honored Robert Panara this year for his lifelong devotion to the education of deaf students. Panara, a longtime supporter of NTID, was selected to establish and direct NTID's English department and the Educational Theatre



Robert Panara, longtime NTID supporter, was honored at this year's RIT retirees picnic.

Program. He also created the National Theatre of the Deaf. He eventually rose to the rank of full professor.

He has written several books, articles, poems and plays, and has received the International Award of Merit from the World Federation of the Deaf, RIT's Eisenhart Award for Outstanding Teaching and an honorary doctor of public service degree from MacMurray College.

News and Events honors the following retirees:

30-plus years
Bill Batcheller, David Dembroski, Joanne Fiser, Morton Isaacs, James Runyon, Franz Seischab, Houghton Wetherald

20-plus years
Virginia Abamonte, Karen Beadling, Lawrence Belle, William Birkett, Louis Gennaro, Rosalind Hawkins, Alvin Herdklotz, Edwin Hofer, Herbert Johnson, Helene Manglaris, Robert Morgan, Richard Orlando, Roslyn Palmesano, Joan Tierney, Daniel Vilenski, Sue Wilshaw

10-plus years
Patricia Cangialosi, Virginia Costenbader, Nancy Kunkler, Leonard Leger, Margaret Lucas, Bonnie Mumford, Roy Pierce, Silvia Williams. n

RIT appoints new sports info director

Steve Jaynes has been named director of RIT's sports information department.

Jaynes comes to RIT from Hamilton College where he served as their sports information director. Jaynes, who hails from Canandaigua, also interned in RIT's sports information department from 1998 to 1999.



Steve Jaynes

"I am very happy to be back at RIT," he says. "I enjoyed my time as an intern in 1998 and, being from the area, it's always good to come back home. My predecessors did a fantastic job in promoting RIT athletics and I hope to continue the work that they've done." n

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, Bob Finnerty, Steve Jaynes, Laurie Maynard, Marcia Morphy, Susan Murphy, Michael Saffran, Paul Stella
When calling any campus number referred to in *News & Events* articles from off campus, use the 475-prefix. Look for *News & Events* at RIT online: <http://www.rit.edu/NewsEvents>
Send e-mail to newsevents@rit.edu. For more news, visit www.rit.edu/news.



MEASURING CAREER INTERESTS... Melissa Cole, third-year imaging science student, assists Ian Vaughn (far left) and Matt Payne experiment with an analytical spectral device. The unit measures light emitted or generated from various objects. The boys are among a group of local high school students that took part in a summer internship program with the Chester F. Carlson Center for Imaging Science. The program is made possible by a grant from Eastman Kodak Co.

R.I.T.
Rochester Institute of Technology
One Lomb Memorial Drive
Rochester, NY 14623-5603

News & Events

Non-profit Org.
U.S. Postage
PAID
Rochester, N.Y.
Permit 626