



R·I·T

news & events

Rochester Institute of Technology

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A unique opportunity for young artists



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RIT program helps teach the area's teachers

Strategic Plan lays groundwork for RIT's future

RIT will lead higher education in preparing students for successful careers in a global society.

This new RIT vision statement sets the tone for a new Strategic Plan that will chart RIT's future through 2015. The Board of Trustees unanimously approved the plan at its July meeting.

RIT seeks to become "A Category-of-One University," says RIT President Albert Simone. This creates a distinctive category and RIT will strive to become the leader in this class.

"RIT will stand alone in the eyes of its constituents. For students, parents

and employers who seek what RIT is and what RIT does, RIT will be the standard of comparison to which others aspire," he adds.

"Being mindful and proud of our 175-year legacy, and clear in our vision and mission, RIT now has a specific opportunity to build on current momentum as we launch ourselves to new heights as a 'Category of One' university," says Simone. "This strate-

gic plan is distinctive and provocative enough to be challenging. It is a plan that will create a positive tension. It is

a plan which when successfully implemented will take RIT to significantly

greater heights."

Five strategic dimensions are integrated throughout the plan: career focus, student success, scholarship, global society and community. The

plan lists 19 attributes that are key to RIT's success. Among these are cooperative education, entrepreneurship, global orientation, diversity and service to society.

The new mission statement says RIT will provide technology-based educational programs for personal and professional development. Teaching, learning, scholarship, leadership development and student success are central enterprises, while RIT rigorously pursues new and emerging career areas.

Strategic, page 4

Strategic Planning 2004
from good to great

RIT astronomer sheds light on distant stars

New observations of a young, sunlike star have shed light on the recently discovered McNeil's Nebula and on how solar systems are formed. The study, published in the July 22 issue of *Nature*, was conducted by a team of

disk, illuminating the surrounding gas.

McNeil's Nebula, a small cloud of gas in the constellation Orion, was discovered with a 3-inch telescope by Jay McNeil, an amateur astronomer, earlier this year.

After the announcement of McNeil's discovery, optical, infrared and X-ray astronomers rushed to observe the region again. They found that a young star buried in the nebula had flared up and was illuminating it.

Chandra observations obtained by Kastner's team just after the optical outburst showed that the source had brightened 50-fold in X-rays when compared to earlier observations.

The scientists attribute the X-ray outburst to the sudden fall of matter onto the surface of the star from an orbiting disk of gas.

In *Nature*, Kastner and colleagues, referring to the work of theoretical astrophysicists, describe how magnetic field interactions between such a young star and its circumstellar, or "protoplanetary," disk regulate the inflow of dust and gas from the disk

onto the star. This slow, steady inflow can accelerate if a large amount of gas accumulates in the disk, and the disk and the star are rotating at different rates.

The differing rotation rates would twist and shear the magnetic fields near the star, storing up energy. A violent rearranging of the magnetic field back to a more stable state would release the energy—dumping a large amount of dust and gas onto the star—and produce intense X-rays. The discovery by Kastner's team of such an outburst of X-rays from the star in

McNeil's Nebula offers strong, new support for this theoretical scenario.

Working with Kastner were David Weintraub of Vanderbilt University and Michael Richmond of RIT, among others. The scientists were recently awarded additional time with the observatory to measure the new star's X-ray activity after it becomes visible again in October.

Kastner and McNeil discussed the study on National Public Radio's *Talk of the Nation/Science Friday*, July 23.

To listen, visit www.npr.org. ■

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Image by Chandra X-ray Observatory

Joel Kastner studied a young star in the Orion constellation that illuminated McNeil's Nebula, the fan-shaped cloud of gas.

astronomers led by Joel Kastner, associate professor of imaging science at RIT.

Kastner and colleagues focused on an X-ray outburst from the star in images captured by NASA's Chandra X-ray Observatory. They found that the interaction between the young star's magnetic field and an orbiting disk of gas can cause dramatic, episodic increases in light from the star and

Making computers for keeps



Photo by Sam Lopez

Eighteen soon-to-be RIT students got a preview of college life during the Kate Gleason College of Engineering's fourth annual "I Built My Computer @ RIT" last month. The group of incoming female engineering majors, hailing from seven states, built computers that became theirs to keep and spent nights in residence halls. They included Julie Cogshall, of Meriden, Conn., left, and Ashley Shoum, of Sturbridge, Mass. The event was sponsored by Intel Corp., Microsoft Corp. and RIT's student chapter of the Society of Women Engineers.

RIT Fulbright winner to work in Africa

Amanda Grandfield's upcoming trek to Ethiopia will be like stepping into the pages of *National Geographic*.



It will take her about two weeks to "hitch rides" from the city of Addis Ababa to reach the Omo Valley, where she will live for 10 months in an earthen-floor dwelling with a host family of the Hamar tribe.

The RIT fine art/photography alumna, '04, is prepared to learn the language, establish bonds with the Hamar people and be camera-ready to record the physical scars of their society—thanks to a rare win of a Fulbright Scholarship to Ethiopia.

During the past year, Grandfield, a Nathaniel Rochester Society scholar and Phi Theta Kappa scholar, has been focusing on a body of work called "Scar Stories" while completing her studies at RIT's School of Photographic Arts and Sciences.

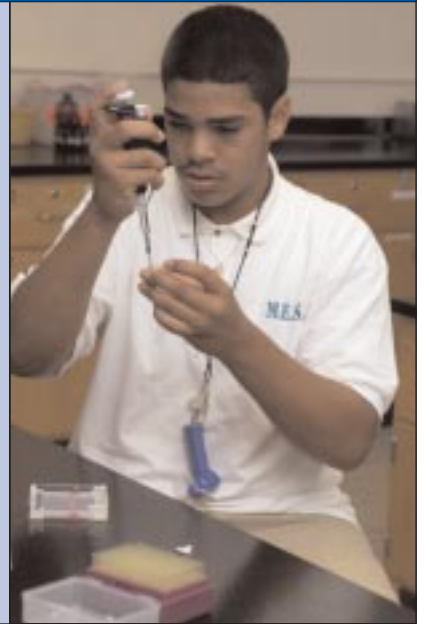
"Besides having an aesthetic interest in scars and photographing them in close-ups, I discovered that people were eager to share the stories behind their scars," says Grandfield, who hails from California. "Many of them had no interest in plastic surgery and viewed the physical incident as a life-changing event—like an emotional and psychological boundary that's crossed on skin."

Grandfield will leave her family home in mid-September to spend a full academic year in Ethiopia. She will learn how to communicate and live among the villagers—later

Fulbright, page 4

Having fun with science

Students in the Mathematics, Engineering and Science for Hispanics program visited the College of Science last month to learn from professors Matt Miri and Irene Evans about careers in chemistry and biology. Students, like José Santiago, right, participated in workshops about dry ice, liquid nitrogen and metal salts that produce flame colors. They also learned how biotechnology and genetic engineering help diagnose cancer, establish paternity and identify criminal suspects. Events were sponsored by Eastman Kodak Co., the Rochester City School District and the Society of Hispanic Professional Engineers, along with contributions by Paychex Inc. and Rivera's Market.



CIMS receives \$4 million in final defense appropriations bill

RIT's Center for Integrated Manufacturing Studies will continue its research activities on defense-related systems with an additional \$4 million included in the final fiscal year 2005 Defense Appropriations bill that

cleared Congress in late July and was signed by President

Bush in early August.

The funding will be used to support the Defense Modernization and Sustainment Initiative, a comprehensive research program that is addressing current and future needs of the U.S. Department of Defense by extending the life cycle of existing military systems and developing new

sustainable design strategies for future equipment and systems that will increase their efficiency, effectiveness and life expectancy.

The new funding brings the total federal investment in this research program to \$21 million since 1998. Over the past seven years,

CIMS researchers have accomplished a number of key tasks and milestones that have already saved the military tens of millions of dollars.

Sens. Chuck Schumer and Hillary Clinton and Congressmen Tom Reynolds and Amo Houghton were instrumental in securing the additional funding this year. ■

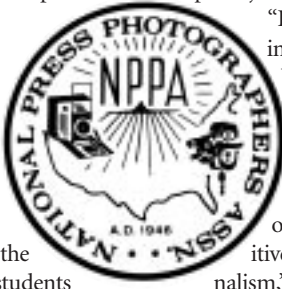
The new funding brings the total federal investment in this research program to \$21 million since 1998.

Photo students win award

The National Press Photographers Association, one of the largest professional organizations for news and editorial photographers, has chosen RIT as its outstanding student chapter of the year.

RIT's NPPA student chapter, comprised of 20 student photojournalists, edged out eight other chapters from across the country. NPPA says RIT upholds the moral and ethical responsibilities of the profession as it prepares students for a career in photojournalism. NPPA also cites the close working relationship between RIT's colleagues and classmates.

Loret Gnivecki Steinberg, chapter adviser and associate professor in RIT's School of Photographic Arts and Sciences, is proud the NPPA



acknowledged RIT's role in upholding ethics. She developed the curriculum for the course, Ethics and Photojournalism, a requirement for RIT's photojournalism students.

"It's humbling and gratifying to know that ethics has become noteworthy in our students' work, but I know that each of our faculty members has also worked hard to prepare our students for a competitive profession in photojournalism," Steinberg says.

Students interested in photojournalism attend chapter events each year, and members invite professional photojournalists to make presentations and review portfolios. The student members' work is featured on the Web site, www.rit.edu/~ritnppa. ■

Kelly Downs | kaduns@rit.edu

Past meets present



Christine Whitman, second from right, is the recipient of the 2004 NRS Award, presented last month at the annual Nathaniel Rochester Society gala. Whitman, former chairman and CEO of CVC Inc., is recognized for outstanding and significant contributions to the advancement of RIT. Joining her at the event were her husband, Steve, center, and RIT Trustee Bill Hale, far right. Actors portraying Mr. and Mrs. Nathaniel Rochester participated in the gala's festivities, which were designed to commemorate RIT's 175th anniversary.

High school students show their artistic talent at RIT

Pre-college program helps young artists learn techniques, create their portfolios

Area high school juniors and seniors got a jump on creating their portfolios for admission to universities and professional art schools thanks to a summer course at RIT. The course, Pre-College Portfolio Prep, ran for two weeks in July within RIT's College of Imaging Arts and Sciences.

It was a rare opportunity for students like Maria Fernandez, a senior this fall at Red Jacket High School. Her art teacher, Karen Tretiak '77 (American crafts), selected Fernandez to attend the course. The tuition was \$800, and students also had to pay for some of their own art supplies.

Tackling a college course is quite an achievement for Fernandez. She came from a small town in Mexico and moved with her family four years ago to the town of Shortsville in Ontario County. Even though English is not her first language, Fernandez has excelled each year in school both academically and artistically.



Maria Fernandez, an area high school student, works on her self-portrait during a college-level course, Pre-College Portfolio Prep, offered this summer at RIT.

"Her artistic talent and work ethic are so outstanding that I wanted Maria to have a chance to work with

RIT professors," Tretiak says. "RIT is one of the best art schools in the world and it's right in our backyard."

RIT does not offer scholarships for this summer course and Fernandez' family could not afford the tuition. That's when

Tretiak decided to ask her colleagues at Red Jacket for help. The outpouring of donations from faculty, staff

and several anonymous donors was overwhelming.

Tretiak raised enough money to pay for Fernandez' tuition, art supplies and lunches. And Tretiak drove Fernandez back and forth from RIT each day. "It's a labor of love for me," Tretiak says. "As a high school art teacher, when you have a student like Maria, it's a joy, not work."

Fernandez has dreams of going to college after graduation. She's still trying to decide what to study, but is considering graphic design. This course has opened that possibility. "I'm learning a lot of new things I didn't know before. It's helping me a lot to develop my skills."

How does Fernandez feel about what Tretiak did to give her this opportunity? "She's wonderful. I really thank her. I think she's a great teacher and a great person. She's like another mom." ■

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Engineering student proves successful in building a better roadster

You could say Joe Ferrero likes classic cars. (It might be the *eight* he owns that give it away.)

His latest project is a 1959 Berkeley sports car measuring only 10-feet long and weighing a mere 800 pounds. (Think MG sports car only smaller.) On display last spring, the roadster fit nicely into a "parking spot" in a corner of Erdle Commons inside the James E. Gleason Building. The eye-catching two-seater attracted the curious, but the 'ride' has a lot more going for it than just its good looks.

In a senior design/master's thesis project showcasing future automotive technology, Ferrero, a mechanical engineering/automotive option B.S./M.S. major in the Kate Gleason College of Engineering, led a multi-disciplinary team in designing the car's space-saving, electronic manual-



Joe Ferrero explains his project involving a 1959 Berkeley sports car.

transmission shifting mechanism, its removable aerodynamic hardtop and its lumbar-support driver's seat featuring inflatable "memory foam" (let's just say the seat remembers the shape of your—well, you know).

as a liaison between engineers and field technicians.

"With the increasing cost of fuel, out-of-the-box thinking should be pursued to obtain affordable, practical, fun and more fuel-efficient

As part of the project, Building a Better Berkeley: Modern Improvements on a Vintage Vehicle, Ferrero aims to achieve 70 miles a gallon from the car's modified 650-cubic-centimeter motorcycle engine. After presenting his research this month, his goal is to work for an auto manufacturer

means of transportation," he says.

Ferrero's "road" to RIT went through the State University of New York at Geneseo, where he earned a dual degree in elementary and special education, and General Motors' Automotive Student Education Program and Monroe Community College, where he earned associate's degrees in engineering. Along the way, he picked up a 1934 Ford, a '46 Triumph, '47 and '48 Oldsmobiles, a '70 Chevy Nova, a '76 Buick Electra and a '79 Jeep CJ-7. Last year, Ferrero acquired the street-worthy, English-built '59 Berkeley, one of only 2,500 made between 1955 and 1960 and among only 70 imported into the U.S. For more on his senior design project, visit www.geocities.com/rit_seniordesign. ■

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Dance partners



Students from RIT's English Language Center visited Cobblestone School, a grade school in Rochester, to demonstrate aspects of their various cultures. Here, one of the Cobblestone students tries his skill at playing Chinese stick dance as Mitsunori Kambe and Kenichiro Araki, both of Japan, hold the sticks.

NTID/RSD students collaborate

Internship program helps develop workplace skills

The National Technical Institute for the Deaf is hosting four high school students from Rochester School for the Deaf who are looking to gain practical, real-life work experience.

Daniel Baker and Justin DiBiase, both 15, are working with Stephen Campbell, manager of NTID Technical Support Services, to develop their skills by assisting with computer set-ups and fixing lab machines throughout the college.

Fellow RSD students George LaVare and Faiz Aliuddin, both 17, are interning with Frank Bruno, foreman of RIT Maintenance Services.

"We have their help on whatever repairs need to happen on a given

day," says Bruno, who adds that staff members use pen and paper with the students in addition to sign language.

NTID and RSD have collaborated on many projects in the past, but this is the first student internship program.

Thirty-six RSD high school students are participating in the program this year, which was created in 1986.

RSD pays the students, transports them to and from their jobs, and has a staff member who serves as a liaison.

Students working on campus at RSD will be grounds crew members, clerical assistants, photographers and classroom aides at the kindergarten and elementary school level. ■

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News briefs

New security newsletter

RIT's Information Security Office and Campus Safety have recently launched a joint newsletter, *Informer*, to keep the RIT community up to date on security awareness initiatives. Information includes details on training sessions for how to classify, handle and dispose of sensitive information, as well as campus safety tips and topics.

New password standards

On June 21, the RIT Information Security Office issued a new security standard for passwords. The standard specifies that passwords for accounts of users and administrators on RIT computing and networked resources must be at least 8 characters long, contain both upper and lower case letters and at least one number or symbol, be changed at least every 120 days, not contain your username and not be reused for at least six changes of password. The full standards list can be found at http://security.rit.edu/standards/passwordstandard_Users.pdf.

Teaching and learning

The fifth annual Faculty Institute on Teaching and Learning was held at RIT in May with 200 faculty and staff in attendance. The conference theme, "Communities of Practice," invited attendees to consider their daily activities and the communities to which they belong in their roles of teacher, learner, developer, advisor, administrator or consultant. To view photos and access presentations, log onto www.teach.edu.

United Way award

RIT has earned an Award of Excellence from the United Way of Greater Rochester, as a result of the 2004 RIT/United Way campaign. RIT raised more than \$340,000 for the campaign, while the United Way/Red Cross campaign exceeded its campaign goal by raising more than \$35 million.

Amazing athletes

The Empire 8 announced that 406 student-athletes were named to its Spring 2004 Presidents' List. RIT placed 97 student-athletes on the spring list. Recipients must earn a 3.75 grade point average or higher and have participated in athletics at one of the conference's eight member institutions. In addition, the student-athlete must display positive contact on and off campus and be enrolled full-time at the institution.

Engineering alums hailed



Frank Breit, a member of RIT's class of 1950, center, is among nearly 100 Rochester-area alumni of the Kate Gleason College of Engineering who made annual donations to RIT for the past 20 years. He and other local alumni attended a reception and toured RIT's Gordon Field House and Activities Center on July 27.

Shown with Breit are his wife, Pauline, and Robert Bowman, professor and department head of electrical engineering.

A guiding light for women in engineering

by Arwen Wright

Viewpoints

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.



Being a fourth-year mechanical engineering technology student, I know firsthand what it is like to be the only woman in an engineering classroom and, thus, I also know the benefits of having a WIE program at RIT. "I wish I had a mentor my first year" and "I wish I met more women in my major my first year" are phrases I hear all too often. In response to these requests, this fall the WIE program and the Kate Gleason College of Engineering are offering, for the first time, a formal mentoring program, a tutoring program and open office hours for anyone looking for support.

For the past two quarters, I have had the distinct privilege to work for the Women in Engineering program at RIT. You might have heard about or even been part of one of its programs, such as "I Built My Computer @ RIT," designed for incoming women engineering freshmen, or the "Park & Ride: Amusement Park Ride Design for Middle School Girls." What you might not know is how much RIT's WIE program has grown and continues to grow through the development of new outreach programs, a mentoring program and tutoring services. Most important, it offers RIT women students in male-dominated majors a place to meet other women with similar interests.

Through our mentoring and outreach efforts, the WIE Program at RIT is building a stronger community of students and faculty who support increasing gender diversity within the field of engineering.

The WIE program is partnering with RIT's student section of Society of Women Engineers—which was nationally recognized this past year as the Outstanding SWE Student Section—to host a new, exciting outreach program, "Expanding Your Horizons." The program targets an audience of eighth-, ninth- and 10th-grade girls and their families to expose them to the world of engineering.

We are always looking for engineers who are interested in volunteering at our outreach events. Future opportunities include Expanding Your Horizons on Oct. 2 and the second annual Park &

Ride in December for a sixth- and seventh-grade audience, and the Women in Engineering Weekend in March for a 12th-grade audience.

Through our mentoring and outreach efforts, the WIE Program at RIT is building a stronger community of students and faculty who support increasing gender diversity within the field of engineering.

In the coming year, the program will expand its efforts to off-campus partners to form relationships with companies who support the goals of the program through the creation of an external advisory board.

As for my future, I will continue to work for the program as I finish my degree. It has been a privilege to work for the program because I get to work with the WIE Internal Advisory Committee made up of the most amazing women faculty who are dedicated and committed to the success of women in engineering. I am visited everyday by equally amazing female and male students wanting to be a part of the program and to make new friends, which continually brings a smile to my face.

For information about the program, call 475-2264.

Wright is a fourth-year mechanical engineering technology student in RIT's College of Applied Science and Technology.

New trustees appointed to RIT board

RIT has added three members to the Board of Trustees. There are now 53 active members on the board, as well as 26 emeriti and honorary board members. The new members are:

Nancy Hathaway Burke was elected by the members of RIT's Women's Council to serve as the representative on the board. She is a past president of Women's Council and served as a trustee from 2000 to 2002. Burke and her husband, Joe, have been active in the Nathaniel Rochester Society for several years. She was a partner in a business venture and formerly worked in human resources at Harris Corporation/RF Communications.



Nancy Burke

Burke is a graduate of William Smith College with a bachelor's of science degree in psychology.

David Burns was named president and CEO of Gleason Corp. in 2002, after serving 24 years within the company. Prior to taking the CEO post, he was president and chief operating officer for two years. Burns is a vice chairman of the board of directors of the Association for Manufacturing Technology. He is also a member of the council of the College of Business at RIT.



David Burns

Burns has a bachelor's degree in economics from St. John Fisher College and an MBA from the William E. Simon Graduate School of Business Administration at the University of Rochester.

James Macfadden is president and CEO of Macfadden & Associates Inc., an information technology firm that primarily serves federal government clients. The company is based in Silver Spring, Md. Macfadden is also the current president of the National Deaf Business Institute and on the board of associates at Gallaudet University.



James Macfadden

Macfadden earned a bachelor of arts in economics from Gallaudet University.

Bob Finnerty | refuns@rit.edu

Getting fit for print



Laura Hatch, executive director of the Gravure Education Foundation, center, shares career insights with print media students during RIT's Gravure Day. Joined here by Gravure Research Professor Robert Chung and Joan Stone, dean of RIT's College of Imaging Arts and Sciences, Hatch was among a half-dozen presenters at the first-ever conference. Sponsored by RIT's School of Print Media, the event promoted understanding of the gravure printing and packaging industries and explored research and career opportunities.

Discussing RIT's groundbreaking diversity initiative



RIT was represented at the annual Black Issues in Higher Education conference in June. Jim Watters, RIT's vice president for finance and administration, center, one of the conference panelists, chats about RIT's diversity hiring initiatives.

Grant to enhance CAST program

Electronic packaging is focus of NSF funding

RIT's Center for Electronics Manufacturing and Assembly in the College of Applied Science and Technology is launching REAL: The Reliability Education and Analysis Laboratory through a two-year, \$167,525 grant from the National Science Foundation's Course, Curriculum and Laboratory Improvement program.



Manian Ramkumar

REAL will enhance RIT's three-course sequence in electronics packaging by applying reliability theory and failure-analysis concepts to the workplace and qualifying new products and processes in a laboratory component of the undergraduate curriculum. Emphasis will be on moisture sensitivity studies, thermal cycling of assemblies, and destructive and non-destructive analysis of assemblies. Industry input will ensure relevance.

The lab will be available for product testing by anyone at RIT, including students completing senior design projects, says Manian Ramkumar,

CEMA director and principal investigator.

"It's the first lab of its kind at RIT," adds Ramkumar, professor of manufacturing and mechanical engineering technology.

Modeled after an electronics packaging and reliability program at the University of Maryland, REAL will also support National Technical Institute for the Deaf students and Project Lead the Way teacher-training workshops for K-12 educators hosted by RIT's National Technology Training Center. The lab is expected to be operational by September 2005.

The grant is one of only about 100 proposals to receive funding from among more than 800 applications submitted.

Earlier this year, CEMA shared a \$406,395 grant from NSF's Major Research Instrumentation program for optoelectronics-packaging and microsystems research. The grant was used to create the Centralized Laboratory for Imaging and Metrology.

In 2001, RIT's Kate Gleason College of Engineering received a \$200,000 grant from NSF's Course, Curriculum and Laboratory Improvement program for the creation of two pilot courses in mechanical engineering. ■

Michael Saffran | mjsuns@rit.edu

NTID wins grant for math research

The National Technical Institute for the Deaf has been awarded \$180,000 from the National Science Foundation to study how deaf and hard-of-hearing students of all ages learn math, compared to their hearing peers.

"The 18-month project's goal is to improve math instruction and learning for deaf students while laying the foundation for international research cooperation," says Ronald Kelly, of NTID's research department.

NTID is partnering with Gallaudet

University and Bowling Green State University for this study in which they expect to reveal a more in-depth understanding of the relationships among language, cognition and mathematics learning.

For this study, mathematics is defined as the learners' abilities for conceptual understanding, procedural knowledge and problem solving, as well as their abilities to reason, make connections and communicate mathematical knowledge. ■

Karen Black | kebnmr@rit.edu

A sharp eye and a steady hand



Who says teachers take the summer off? Those attending Project Lead the Way teacher-training workshops sure haven't. RIT's National Technology Training Center recently hosted 300 middle and high school teachers from across the U.S.—including Mark Krull of Orleans/Niagara BOCES. The teachers completed intensive, two-week sessions that will prepare them to launch pre-engineering curricula in their schools this fall. Workshops have been held at RIT each summer since 1997.

News brief

Information forum

On Wednesday, Aug. 18, the Offices of Part-time and Graduate Enrollment Services will sponsor an ice cream social information forum for adults interested in starting or continuing their education on a part-time evening basis.

The forum will be held from 4:30 to 7:30 p.m. in the Bausch & Lomb Center.

For more information, call 475-2229.

RIT Inn & Conference Center goes "Hawaiian"



Members of the band Pan Loco perform on the outside patio during the RIT Inn & Conference Center's "Hawaiian" open house on July 29. The gala also featured tours of banquet and conference facilities, Hawaiian dancing, refreshments and "tropical" door prizes. The inn, at 5257 West Henrietta Road, has housing for about 100 upperclassmen and graduate students and 200 overnight guests. In a survey of student housing other than residence halls conducted last year, RIT students ranked the inn highest in overall conditions, sleeping and studying conditions, staff and policies, and safety and security.

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Tigers tee off for a good cause



RIT Athletic Association members and guests celebrated summer and Tiger Athletics at the annual Tiger Open, June 14. One hundred and thirty-one alumni, friends, faculty, staff and local businessmen gathered to support the RITAA and the 24 varsity programs sponsored by RIT. This year's winners were Tom Scherer, Mike Lawrence, Bill Malone and Paul Parone turning in a score of 57. Paul Parone won the closest to the pin competition hitting the ball to within six feet on the par-three 13th. Tosh Farrell won the men's longest drive competition and Tina Karol turned in the longest drive on the women's side. The outing raised more than \$9,000.

Fulbright *continued from page 1*

reporting her findings on the significance of scars in Hamar.

"Instead of sensationalizing the traditions of ritual scarring among the Hamar people, it will focus on the people who have created these magnificent marks," Grandfield explains. "This project will serve as a cultural documentation of this tribal practice."

The U.S.-sponsored program, begun in 1946 by Sen. J. William Fulbright, serves as a vital link between the United States and more than 140 countries throughout the world.

"In the past three years, thanks in part to the growing commitment to international education at RIT, four graduating seniors have won Fulbrights. Each one has embarked

on a year of independent study or research abroad," says Catherine Hutchison Winnie, director of RIT's Office of Academic Enhancement Programs. "Amanda's superb project in Ethiopia exemplifies the goals of this program, that international education will increase mutual understanding and encourage empathy between people of different cultures."

"Through this Fulbright, the chance to photograph and document the stories behind the tribal, ethnic and cultural influences of the Hamars will be an amazing opportunity," Grandfield says. "It's an ideal starting point to my career as an artist and one of those life experiences I could never pass up." ■

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Strategic *continued from page 1*

"RIT has experienced significant and exciting changes since we implemented our last strategic plan a decade ago," says RIT Board Chairman Bruce James. "The new plan puts RIT on the right path to be the leading career-focused university in the world. With the dedication and hard work of the RIT family—students, parents, faculty, staff and alumni—I know we will reach our new goals and objectives."

An "agenda for action" committee will begin work in September to start implementing the Strategic Plan's goals and objectives.

To view the entire Strategic Plan, visit www.rit.edu/president. ■

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Newsmakers

Diane Barbour, chief information officer, was named to the CampusEAI executive committee, an elected body whose members are responsible for approving strategy and establishing organizational policy.

Bernard Brooks, assistant professor of mathematics and statistics, published his paper, "Linear Stability Conditions for a First Order 3-Dimensional Discrete Dynamic," in *Applied Mathematics Letters*.

Josh Goldowitz, associate professor of environmental management and safety, presented "Doing and Understanding: Installing Groundwater Monitoring Wells to Understand Groundwater Hydraulics" at the 2004 American Society for Engineering Education Annual Conference & Exposition, June 20-23, in Salt Lake City.

Ronil Hira, assistant professor of public policy, received an IEEE-USA award in recognition of his contributions in testifying on behalf of the organization at congressional hearings and for appearing in the national media as an expert on workplace issues. Hira chairs the IEEE-USA Career and Workforce Policy Committee and is a former chair of the Research and Development Policy Committee.

John Hromi, professor emeritus in the John D. Hromi Center for Quality and Applied Statistics, has been named an honorary member of the board of directors for the American Society for Quality.

Jeff Lillie, assistant professor of computer engineering technology, co-wrote and presented "Image Processing Applied to Small Format Displays" at the Society for Information Display 2004 conference, in May, in Seattle.

Robert Manning, special assistant to the provost, participated in the symposium, Righting the Upside-Down Economy: Creating a Sustainable Recovery, hosted by the Center for American Progress in June.

Tom Moran, associate professor in the Center for Multidisciplinary Studies, presented "Troubleshooting Procedures—Technical Writing Lessons that Challenge" at the 2004 American Society for Engineering Education Annual Conference & Exposition, June 20-23, in Salt Lake City. He presented "Troubleshooting Detective Work—Helping Your Readers Solve Problems" at the Spectrum 2004 Annual Conference for Technical Communication at RIT this past spring.

Albert Paley, Charlotte Fredericks Mowris chair in the School for American Crafts, earned international acclaim for design and completion of RIT's *The Sentinel* in the May issue of *Sculpture Magazine*. Paley's large-scale metal artistry and *The Sentinel* were also highlighted in a feature article in *Accent Magazine*, a fashion magazine with national distribution.

Jennifer Schneider, associate professor of environmental management and safety, published the paper "Integrated Sustainability in the Pharmaceutical Industry" in the May issue of *Corporate Environmental Strategy: International Journal of Corporate Sustainability*.

Thomas Warfield, assistant professor at NTID, was honored by Rochester Mayor William Johnson for his work with PeaceArt International, a non-profit organization he founded that works with children, the elderly, homeless, people with mental and physical disabilities, the terminally ill and AIDS/HIV patients.

Scott Wolcott, associate professor of civil engineering technology, presented "Independent Study: A Professor's Process and Purpose, and a Student's Perspective" at the annual conference of the New England Section of the American Society for Engineering Education in April. The paper was co-written by Rebecca Wallace, a civil engineering technology/environmental management and safety major.

Obituaries

Paul Pelletier

Paul Pelletier, a fourth-year student in electrical engineering, was fatally shot Aug. 2 while working as the night manager at the Comfort Suites in Henrietta. Sheriff's Department investigators suspect he was shot during a robbery attempt.

David Smith

David Smith, a second-year applied computer technology student at NTID, passed away July 24 from injuries sustained in a go-cart accident. On campus, Smith was involved with the Kappa Sigma colony. He was active in local competitive go-cart and car racing.

Trading places to help the Rochester community



RIT President Albert Simone works up a sweat at the Habitat for Humanity's Leaders Build on July 20. Business leaders worked on the project to raise the community's awareness of Habitat's efforts to rebuild some of Rochester's most distressed neighborhoods.