



2 Comet causes a striking image



2 Shrek cover boys make RIT Magazine



3 Math + beads = creative designs



4 Down and dirty: Mini-Baja race

Arctic Cat paddlers canoe to RIT victory

RIT civil engineering technology students took first place in regional trials of the 15th annual National Concrete Canoe Competition on April 13 in Syracuse.

Capturing the top spot, the team earned first place in display, final product, women's slalom and women's sprint events. In a newly built craft, Arctic Cat, RIT bested challengers from eight other colleges. As regional winners, RIT will compete against 20 teams in national competition, June 21-24 at the University of Wisconsin at Madison.



Korrie Kamp, left, and Kerin Lee practice rowing RIT's concrete canoe, Arctic Cat, on April 12.

The win was the third for RIT, which finished first in regionals in 1997, when RIT hosted the event, and in 1998. Concrete canoe competition is sponsored by the American Society of Civil Engineers.

Also in Syracuse, RIT's steel-bridge construction team competed in National Student Steel Bridge Competition regionals. Its task was to build a bridge that could withstand 2,500 pounds with minimal deflection and at minimal cost. RIT was the fastest team, putting its bridge together in two minutes and 56 seconds.

Steel bridge competition was sponsored by ASCE, the American Institute of Steel Construction and Master Builders Inc. •

RIT alcohol education deemed successful

RIT's Division of Student Affairs has made great strides towards alcohol education for students, thanks, in part, to the help of the Helen Bader Foundation and a \$200,000 grant awarded to RIT in 2000.

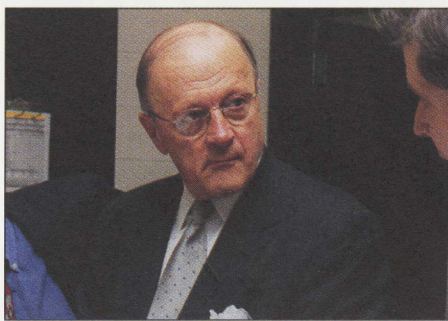
The grant, now in its second year of a three-year run, was given to RIT to develop proactive outreach and educational programming for high-risk groups regarding alcohol and drug use.

The RIT Reality Program focuses on Greeks, athletes, first-year students and deaf/hard-of-hearing students. It's based on the theory of social norming which suggests a significant discrepancy between actual alcohol use by college students and their perception of other students' consumption.

Since September 2001, all first-year
continued on page 3

Science chair, NSF leader address RIT innovators

"We must synthesize the ideas that stand on the edge of the future ... (NSF) wants to invest in disciplines at the frontier," said Joseph Bordogna, deputy director and chief operating officer of the National Science



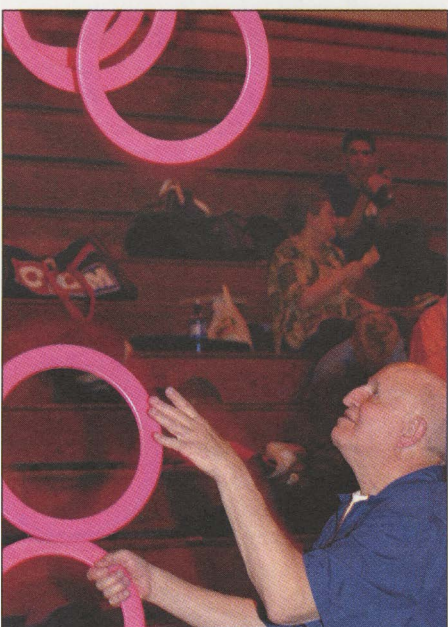
"The war against terrorism will be waged and won in the laboratory as well as the battlefield," said Congressman Sherwood Boehlert (R-NY), chair of the House Science Committee.

Foundation, as he presented RIT's top innovator awards during the Inventors' Dinner, April 15.

RIT honored diverse-discipline innovators at the dinner celebrating more than 70 RIT faculty/staff inventors. Among the talented gathering, outstanding innovator Thomas Gennett won Life Creator's Award.

Gennett, chemistry professor and co-director of RIT's Nanopower Research Labs, won the award based on his groundbreaking work with carbon nanotubes. "It's a process that other labs are now trying to duplicate. We're very excited about where this will take technology applications in the near future," he says, citing uses that will allow marked fuel savings from cars to space vehicles.

The RIT event also honored six recipients of the Intellectual Property Productivity Award, recognizing them for three or more invention disclosures. They are Gennett, Noboru Ohta, Michael Potter, Mitchell Rosen, Bruce Smith and Ryan Raffaele.



LIFE'S A JUGGLING ACT... RIT's 25th annual Spring Juggle-In, held April 13-15, featured free juggling workshops and competitions. Pictured here is one of the founding fathers of the International Jugglers Association, Bill Dietrich, who has attended the RIT event every year since its inception. The event was sponsored by RIT's Projectile Motion Club, and all proceeds were donated to the Dystonia Research Foundation.

Adding to the honors, Bruce Smith, associate dean of the Kate Gleason College of Engineering and microelectronics professor, received a plaque for a recently issued patent on microlithography processes. Smith won the first Creator's Award in 1999; he also has another patent pending.

Congressman Sherwood Boehlert (R-NY), chair of the House Science Committee, who gave the keynote address, has proposed key bills for education, technology talent, and cyber security. "More and more of our life systems rely on cyber infrastructures and their security." He cited RIT for its work in this area as well as preparing students for information



Thomas Gennett, left, discusses carbon nanotubes with Joseph Bordogna, deputy director, National Science Foundation. Bordogna noted, "Seeing high school students and undergrads with post-docs working in the labs is exactly what NSF wants."

technology and scientific careers.

"We must improve math and science

continued on page 4



SPACE FOR 8,000... This rendering shows final design stages of RIT's Field House and Activities Center. Designed as a large multipurpose venue, the center will hold major Institute events including Commencement and Brick City Festival, as well as intramurals and sports events, job fairs, guest speakers, community events such as Deaf Olympics, and varied classes from yoga to nutrition. Ground may be broken as early as August with expected completion in summer 2004. (Stay tuned for a feature story in the May 16 N&E.)

Robotic invasion welcome at competition

Robots will soon invade RIT, accompanied by hundreds of their human creators from across the United States. They'll converge here on May 4 and 5 for the 16th annual national Robotic Technology and Engineering Challenge. One of the largest robotic and engineering competitions in North America, it is being held at RIT for the first time.

Robots will maneuver mazes, navigate obstacle courses, travel on a simulated lunar surface, climb stairs, pick up objects and "sumo" wrestle. Students from colleges, universities, middle and high schools will compete in 16 categories.

Automated and flexible-manufacturing
continued on page 4



Cyclops, a self-controlled journey robot built by Brian Hirth, is one of the creations entered in the robotics competition at RIT.

ACADEMIC CONVOCATION

On Friday, May 24, RIT recognizes its student and faculty excellence through the Academic Convocation, RIT's overall celebration of Commencement. The 7:30 p.m. celebration features a keynote address by George Tenet, director of the Central Intelligence Agency, and a student address by Kristy Springborn, delegate for the B. Thomas Golisano College of Computing and Information Sciences. Setting the stage for separate college ceremonies on Saturday, President Albert Simone officially confers degrees on all graduates during convocation.

Pre-convocation festivities including food, music, an ice sculpture and student exhibits are free and begin at 6:15 p.m. at the tent location (U parking lot).

COMMENCEMENT CEREMONIES

FRIDAY, MAY 24
College of Applied Science and Technology - 1 p.m., tent

SATURDAY, MAY 25
B. Golisano College of Computing and Information Sciences - 8:30 a.m., tent
National Technical Institute for the Deaf - 8:30 a.m., Clark Gymnasium
Kate Gleason College of Engineering - 9 a.m., Ritter Ice Arena
College of Liberal Arts - 10:30 a.m., Clark Gymnasium
College of Imaging Arts and Sciences - noon, tent
College of Business - noon, Ritter Ice Arena
College of Science - 12:30 p.m., Clark Gymnasium

Tasty RIT event, April 26

The 10th annual Taste of RIT, a fund raiser for the 2002 campuswide United Way Campaign, will take place inside the Student Alumni Union cafeteria from 10 a.m. to 1:30 p.m. on Friday, April 26. Vendors will provide a selection of nearly 140 food items. Tickets are \$5 for students, faculty and staff, with the chance to win two round-trip airline tickets on Jet Blue.

Research conference

RIT's fourth annual student research conference begins with opening ceremonies at 9 a.m. on Monday, April 29, in Fireside Lounge, Student Alumni Union. Sponsored by the College of Liberal Arts, the free conference will highlight a wide range of student work from library research to musical pieces. Call Laurence Winnie at 5-2215.

Robotics presentation

Julie Adams, assistant professor of computer science in the B. Thomas Golisano College of Computing and Information Sciences, will discuss Human Supervision of Large Multiple Mobile Robot Teams from 1 to 2 p.m. on Tuesday, April 30, in the Lewis P. Ross Building, room 1124. Call 5-5193 or visit www.cs.rit.edu/~spr/clq.html.

Computer forensics talk

RIT's Security Practices and Research Student Association will host a free talk by Warren Kruse on Information Age Security Issues and Practice from 8 to 10 p.m. on Tuesday, April 30, James E. Booth Building, Webb Auditorium. The former police officer is computer forensics program manager at Lucent Technologies, president of the Northeast Chapter of the High-Tech Crime Investigative Association and author of *Computer forensics: Illicit Resolise Essentials*.

"The Food Guy" cometh

Floyd Misk, "The Food Guy," from R-News will discuss the Etiquette of Consumption, from noon to 1 p.m. on Wednesday, May 1, at the Student Life Center Classroom. The event is free and open to the RIT community.

Take Back the Night

RIT's Women's Center will host its annual Take Back the Night at 6 p.m. on Thursday, May 9. The event, which aims to help fight the abuse of women around the world, will feature live bands, local speakers and a traditional candlelight march around campus at 8:30 p.m. Call 5-7464.

Annual E3 fair, May 10

RIT hosts the 12th annual E' Engineering and Technology Fair from 10 a.m. to 2 p.m. and 6 to 9 p.m. on Friday, May 10, in the Frank Ritter Ice Arena. The event, sponsored by the Rochester Engineering Society, features interactive exhibits for area middle-school students with a focus on engineering, exploration and experimentation. Free and open to all; visit www.e3fair.org.

Peter Pan flies onstage at NTID

NTID Performing Arts and MSM Productions Ltd. will present a one-of-a-kind production of *Peter Pan*, complete with flying characters, May 2-11 in the Robert F. Panara Theatre in the Lyndon Baines Johnson Building.

Directed by NTID's Jim Orr, this is the first-ever full-scale adaptation of J.M. Barrie's classic play presented in American Sign Language by deaf actors. This unique production also will include voice performers, making it accessible to all audience members.

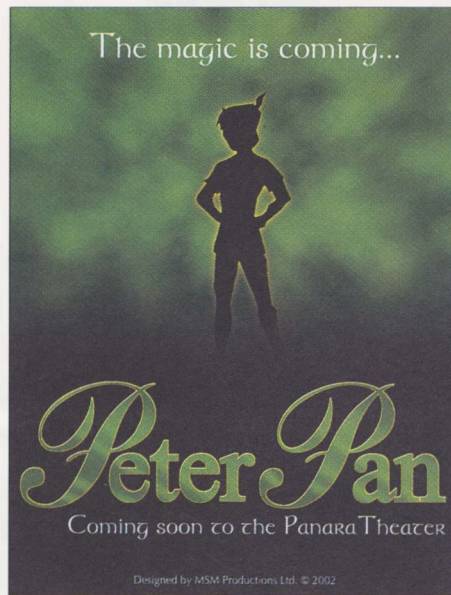
Nathaniel Rochester Society

An evening of the arts

The Nathaniel Rochester Society, along with NTID, presents A Magical Evening of the Arts at the Joseph F. and Helen C. Dyer Arts Center, featuring a theatrical performance of *Peter Pan*.

The event kicks off at 5:30 p.m. on Thursday, May 9, with a light dinner reception. While the evening is free to NRS members, a special invitation is being extended to anyone interested in joining the group. People under the age of 40 can sign up for \$250, a 50 percent reduction from the traditional membership rate.

The mission of NRS is to develop friends and ambassadors for RIT to promote and support the university.



Performance Schedule:

- 7:30 p.m. Thursday and Friday, May 2 and 3
- 2 p.m. and 7:30 p.m. Saturday, May 4
- 2 p.m. Sunday, May 5
- 7:30 p.m. Friday, May 10
- 2 p.m. and 7:30 p.m. Saturday, May 11
- 2 p.m. Sunday, May 12

Tickets-\$5 for students, children and senior citizens, and \$7 for all others--can be purchased at the NTID Box Office, located on the first floor of the LBJ building. The box office is open 10 a.m. to 4 p.m. weekdays, and one hour before curtain time.

For more information, contact the box office at 5-6254 (voice/TTY) or ntiditx@rit.edu, or visit www.deaftheater.com/peterpan.

RIT board appoints new members

The RIT Board of Trustees has added two new members to its ranks. Wolfgang Pfizenmaier and Sandra Parker have been elected to join the body, effective immediately.

Wolfgang Pfizenmaier is president of Heidelberg Digital LLC. He joined Heidelberg Druckmaschinen AG in 1974, where he started as a design engineer for sheet-fed presses. His responsibilities expanded over the years, leading to his appointment to the corporation's management board in 1986.

In addition to his leadership at Heidelberg Digital, Pfizenmaier serves as chairman of the Board of Directors for NexPress Solutions LLC, Heidelberg's joint venture with Eastman Kodak Co. in digital printing.

Born in Germany, Pfizenmaier holds a master's degree in mechanical engineering from Darmstadt University.

Sandra Parker, a Rochester native, is president of the Industrial Management Council. Under her leadership, the IMC has increased services that it offers member organizations, and increased member satisfaction and financial success.

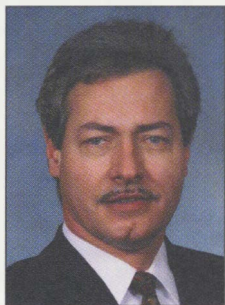
Parker is co-president of Rochester Resource Alliance, a joint venture between the IMC and the Greater Rochester Metro



Sandra Parker

Chamber of Commerce. The agency helps bring state and federal funding to the region for high-tech and manufacturing training. Also, she co-founded Greater Rochester Enterprise, an initiative to stimulate local job growth and private capital investment.

Parker earned a bachelor's degree from the College of Wooster in psychology.



Wolfgang Pfizenmaier

RIT Board meeting

RIT's Board of Trustees convened for their April 11-12 meeting and worked through an agenda focusing on support for student success, diversity, infrastructure management, and resolutions that included honoring two dedicated trustees who passed away this fall, E Kent Damon and Jorge Rivas.

Among student success discussions, strategies raised included academic advising and early intervention efforts, studio approaches to math and physics, adding study centers in the college buildings like the new Erdle and Bates spaces, and growing the Freshman Experience and cross-divisional collaboration on communication and outreach.

Related to student satisfaction, RIT's campus additions, underway and expected, took the stage in presentations and conversation, from field-house plans to completed walking paths around campus. The trustees appraised the infrastructure needs presented by James Watters, vice president for finance and administration, and approved the budget and a \$60 million bond issue.

Erick Littleford, president of Student Government, reported to the trustees that SG's working hard to connect to the student body, and thinks launching the new SG bulletin boards and MyRIT (an Institute project) will help. President Albert Simone praised SG, saying, "This is the best student government we've had in 10 years."

The board's business also included electing two new members, warmly welcomed to the group. (See above story.) RIT has more than 50 active trustees.

Science exhibit shows star quality

Science turns scenic as the School of Photographic Arts and Sciences prepares for a groundbreaking exhibition.

Images from Science will feature 58 photographs selected from a variety of scientific disciplines. Judging took place last month of nearly 300 entries, submitted by photographers and scientists from 15 countries. Ian Gatley, interim dean of the College of Science, and Willie Osterman, professor of photography, were among a panel of seven judges that included photography editors from *Time-Life*, *National Geographic* and *American Photography Magazine*.

Michael Peres and Andrew Davidhazy are the SPAS chairs who conceived Images from Science. They say turning the idea into reality has already been an exciting challenge.

"It's been a real process of discovery," explains Peres. "Professionals that don't normally have the opportunity to show their work in a gallery really appreciate having this forum."

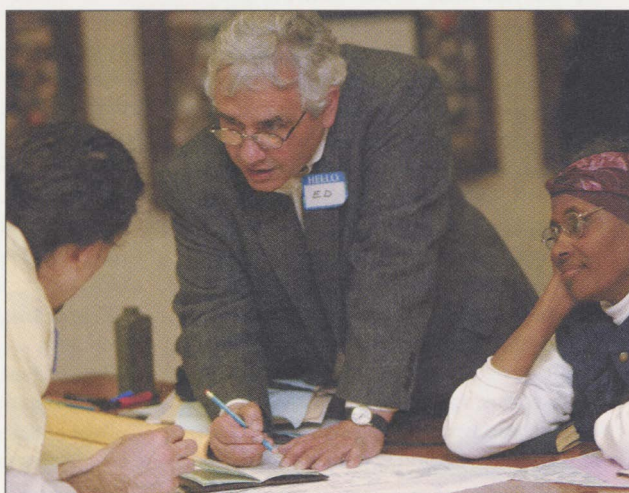


Comet Hyakutake, captured by RIT alumnus Kent Wood, is among dozens of photos chosen for Images from Science.

The Cary Graphic Arts Press, the publishing arm of RIT's Cary Graphic Arts Collection, will produce a catalog to accompany the exhibition.

Images from Science will open Oct. 12 in SPAS Gallery, third floor of the Frank E. Gannett Building.

COMMUNITY BRAINSTORMING ... A design session, *From Here to There: Bridging Neighborhoods*, focused on installing a pedestrian crossing at the intersection of North Goodman and East Main streets. The NorthEast Neighborhood Alliance invited Roberly Bell's Public Art, Public Space class in CIAS, to help facilitate the session on April 20. Here, RIT students Victor Swerdlov, left, and Ed Buscemi, work with community member Lucy Yeomas.



Shrek cover boys? ...

Shrek, his long-eared sidekick and RIT alumnus Ken Bielenberg '87 appear on the cover of the spring 2002 issue of *RIT: The University Magazine*.

Bielenberg was visual effects supervisor for *Shrek*, which won the academy award in the new Animated Feature Film category. The cover story also profiles Mike Krumboefener '92, who was a character artist and technical director on another hit film, *Monsters, Inc.*

Math work adds up to creative bead designs

RIT's David Farnsworth, is a mathematician and a statistician by trade, and a "beader" by design.

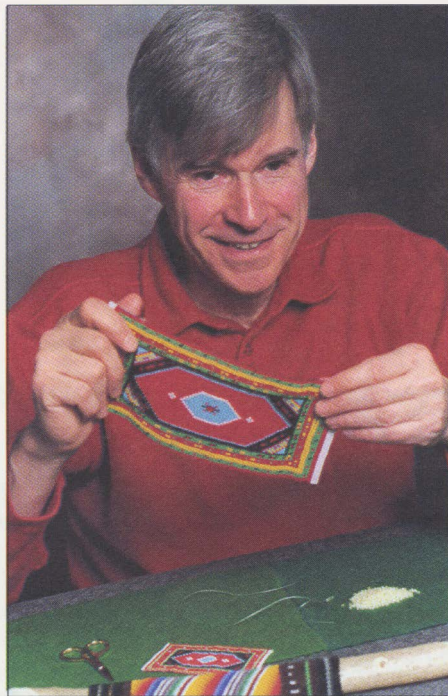
Farnsworth has taught at RIT for 30 years and is as passionate about his vocation as his avocation. The fall volume of *Teaching Statistics* featured Farnsworth twice: as the author of a scholarly article and the beadwork on the magazine's cover.

The RIT professor has published in both fields of interest. Features of his bead work in the prestigious *Lapidary Journal*, *Jewelry Crafts* and *Beadwork* top off his numerous academic publications, most recently in *The College Mathematics Journal*, *Teaching Statistics* and *Mathematics and Computer Education*. And with two upcoming articles in *Beadwork*, Farnsworth is beginning to have a voice in the beading community.



Jewelry designed by David Farnsworth.

Farnsworth's approach to beading is as careful, methodical and well thought out as his research in mathematics and statistics. Creating a bead design can be much like finding the solution to a mathematical



David Farnsworth explores the art of beading.

problem: the answer is in the intricacy of the executed design.

"Mathematics and beading are very precise, but they have huge choices," Farnsworth says. "There are choices all the time to be made in math and statistics. Same as in beading. There are constant choices, and I like that."

In beadwork, the artist must select color,

bead size, the size of the object, whether to use wire or thread, as well as a host of other considerations.

"Believe it or not, there are choices like that in mathematics and statistics," he says. "For example, there are many ways to identify the center of a data set - by determining the arithmetic average, the middle value, the most frequent value and so forth."

Farnsworth likes the tactile aspect of beads. He knows that if people really like a bead piece, they will touch it. So, he makes his work strong by using durable construction techniques.

"Beading is meditative," he says. "The rhythm is most compatible with unencumbered and pleasant thoughts. It clarifies things."

His foray into bead design began 11 years ago at the Rochester Museum and Science Center. Intrigued by the Native American tradition of bead design, Farnsworth had enrolled in a one-day workshop. Since then, he's taken a few more classes and joined a local bead group that meets twice monthly.

Mostly self taught, Farnsworth follows his own muse, moving away from traditional jewelry pieces to objects, tiny bead tapestries and bead balls, and incorporating traditional and nontraditional materials such as wood, plastic and found objects into his designs. For now he is content to bead for himself and his friends in his spare time, exploring new materials and design. •

Student design contest

The second annual Student Design Contest, sponsored by RIT's student chapter of the Institute of Electrical and Electronics Engineers, will be held from 8 a.m. to 5:30 p.m. on May 11 in the James E. Gleason Building. Fifteen teams will demonstrate working prototypes of original ideas to vie for \$6,000 in prize money. The event is sponsored by RIT, IEEE and Fairchild Semiconductor. Visit www.rit.edu/~63lieee.

Dust off those sneakers

The 26th annual J.P. Morgan Chase Corporate Challenge begins at 7:15 p.m. on Thursday, May 30. For the eighth time, RIT is sponsoring a team to join 318 local companies and organizations for the 3.5-mile walk/run around Highland Park. The event is open to any employee who has worked at RIT for three months for at least 25 hours per week prior to the event. The cost is \$13, which includes two T-shirts and a post-race barbecued-chicken dinner. Registration deadline is Tuesday, May 14; forms are available at the Student Life Center.

Panel focus: How to keep grads in area

A first-of-its-kind conference of university, business and community leaders held April 9 at Union College, included RIT President Albert Simone. The discussion, Upstate Partners: Strengthening the Campus-Community Connection, focused on how college and university campuses can help foster economic and community development in their regions.

Simone joined an invited panel discussing how to retain and develop the upstate workforce, a subject on which he has taken a leadership role through the initiative, Keeping our Best and Brightest.

The Rochester community, including the Chamber of Commerce and Industrial Management Council, is strategizing on how to encourage college graduates to pursue careers in the area. These efforts grew out of a symposium hosted by RIT in April 2000.

Simone recommended incentive programs to compete effectively with other states for the best talent, citing proposed legislation to establish an Engineering and Technology Loan Repayment Program in New York state. •

Alcohol education

(from page 1)

students, athletic team members and Greek community members have been surveyed regarding their choices about alcohol, illegal drugs and tobacco use. The division also co-sponsored a substance-free "Rave Dance Party" and initiated a media campaign including the design and distribution of posters, and the creation of Web-site messages. In addition, student leaders were selected to be members of a peer group responsible for showcasing social norming messages and hosting alcohol-free parties.

"The Bader Grant/RIT Reality Program has progressed extensively this academic year," says Dawn Soufleris, director, Student Conduct and Mediation Services. "We have created a student peer team - Peers Educating for the Responsible Drinking of Alcohol—who have sponsored programs on campus that have had a total of more than 2,500 student participants, and we continue to bring the student community positive social norming messages regarding responsible alcohol use and abstinence."

The program is also hosting Mark Sterner who will present DUI: A Powerful Lesson, at 8 p.m. Monday, April 29, in the Student Alumni Union cafeteria. •



INLNING COWR ... The studio is the canvas for fourth-year painting student David Wien. He's turned the walls of his campus workspace into a mural full of lively images and commentary. Check out his creation during a reception, 7 to 9 p.m. on Thursday, May 2, in the fine art painting studio, room A172 of the Frank E. Gannett Building.

Check it out! Wallace Library connects with NY consortium

How did RIT's Wallace Library grow its inventory to more than 3 million items overnight? While it took more time and

effort than that, the pilot program, dubbed "Connect NY," will likely have a significant impact on the patrons of five academic libraries in New York state.

This consortium includes the libraries of RIT, Colgate University, Rensselaer Polytechnic Institute, St. Lawrence University and Vassar College. The volumes of these institutions have virtually exploded upon launch of the service in late March. At present, the count of the shared items in the Connect NY catalog is greater than 3 million items. In the future, additional libraries may join Connect NY, which would result in "a shared catalog of immense proportions," says Robert Chandler, library marketing and communication specialist.

Connect NY, a unified catalog, allows patrons of participating libraries to borrow materials from other Connect NY libraries if the books are not owned by their home library or if their library's copy is checked out. The program provides access to the combined material held in these libraries.

The Connect NY catalog contains bibliographic, location and availability information for materials in participating libraries. Resources include books,

magazines, journals, newspapers, government documents, archives and manuscript, audiovisual materials, maps,



sound recordings, music scores, films, videotape and electronic resources.

The system is continuously updated from each local library catalog over the Internet and displays current circulation status, local call numbers and other pertinent information. Material listed can be borrowed and delivered usually within 48 hours of the request.

Students, faculty and staff with valid member-library ID cards can request a book through the catalog. If you are not an affiliated cardholder, you can request material through interlibrary loan at any library.

For more information, contact Chandler at 5-4716. Connect directly at <http://www.connectny.info/>. •



SENSORY CELEBRATION ... A computer-generated music score accompanies the transformation of an aerial mobile. This abstract film/music composition, "passe-partout," is among nearly a dozen works included in the ImageMovementSound 2002 Festival. The festival unites the artistry of students and faculty from the School of Film and Animation, the School of Photographic Arts and Design, the Eastman School of Music, and State University of New York at Brockport's dance department. The event debuts at 1 p.m. on Sunday, April 28, in Ingle Auditorium. An encore presentation will be at 4 p.m. on Saturday, May 4, in downtown Rochester's Little Theater. Admission for either performance is \$5, but students with ID are admitted free.

Mini-Baja car gets down and dirty

New racing jerseys sporting a new logo are just a couple benefits of having a medical illustrator on your racecar team.

But everyone knows the most fun from driving mini-Baja cars is getting muddy, new jerseys and logo notwithstanding. In fact, when Jeff Broomhead finished a recent test drive, his jersey was barely visible beneath a coat of mud.



Jeff Broomhead, third-year mechanical engineering major, test drives one of RIT's cars in preparation for the Mini Baja West.

Coming off a 10th place finish two weeks ago in the Mini Baja Brazil in Sao Paulo, where RIT was the only team from the United States for the second consecutive year, RIT's 30-member team is in

Logan, Utah, this weekend for the annual Mini Baja West.

This year's car features a larger frame, newly designed clutch, springs, suspension and transmission, and for the first time built-in paddles for efficient pond crossing. The nimble one-seater is powered by a 10-horsepower Briggs & Stratton engine and can reach a top speed of about 40 miles per hour.

"We have a design that will get us into the top 10," predicts Russ Wylie, team manager and fourth-year mechanical engineering technology major.

Performances are judged on acceleration, braking, hill climbing, maneuverability, top speed, traction, cost, design, safety and grueling, four-hour, "rough-terrain" endurance races. Also, the dune-buggy-like cars must be "fun to drive"—something that never seems to present a problem.

RIT will also compete in the Mini Baja East, May 9-11 at West Virginia University in Morgantown; the Midwest Mini Baja, May 31-June 2 in Milwaukee; and the South African Mini Baja this fall.

Competitions are sponsored by the Society of Automotive Engineers. RIT's team is supported by Gleason Inc., Mahany Welding Supply Co. Inc., Rochester Gear Inc. and Trans World Alloys Inc. •

Moon buggy competes at NASA event

It wasn't the moon and the stars in their eyes, but rockets, space shuttles and other orbital vehicles.

The eyes were those of mechanical engineering students on RIT's moon buggy team who competed in the 9th annual Great Moon Buggy Race, April 12-13 at the U.S. Space & Rocket Center in Huntsville, Ala. The rockets and other space vehicles were part of an obstacle course that also featured craters, inclines, rocks, "lava" ridges and "lunar" soil.

Racing in the NASA-sponsored event for the third time, RIT placed 23rd after twice traversing the half-mile simulated lunar-terrain course in the team's newly

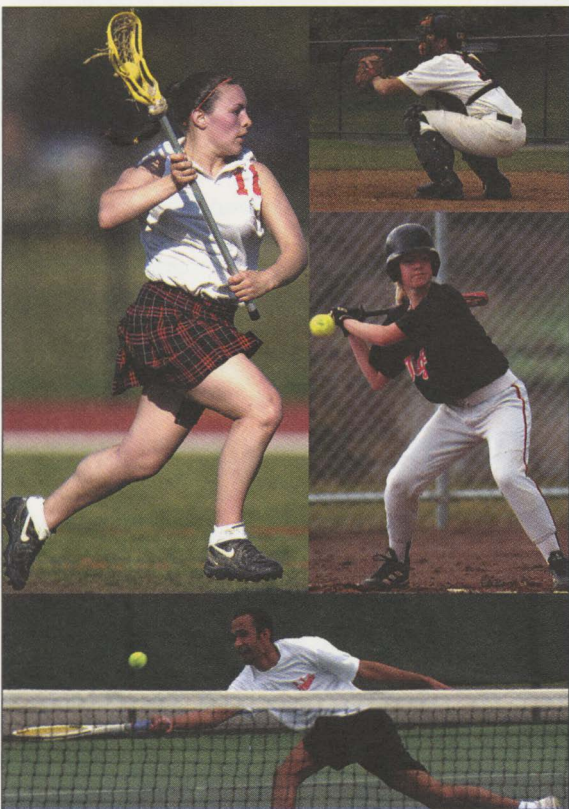
built, two-seat, human-powered buggy. Rankings were based on assembly time, design and course-completion times.

RIT moon buggy supporters include Borg-Warner Inc., HSBC Bank USA, Park Ave. Bike Shop, The Empty Mug and U-Haul Co.

Another group of mechanical engineering students placed ninth out of 30 at the annual Aero Design East competition hosted by the University of Central Florida, April 12-14 in Cocoa Beach.

The team built a radio-controlled airplane capable of lifting a payload weighing 17.2 pounds.

The team will compete at the Aero Design West, June 6-9 in Palmdale, Calif. •



SPRING SPORTS UPDATE ...

Marty Maynard, top right, leads the Tiger baseball team with a .542 batting average with nine doubles, 10 RBI and a .729 slugging percentage. The team is 10-11 and 3-2 in the Empire & RIT women's lacrosse team, top left, is 4-5 overall and 2-3 in the EB. Kelly Martin leads the RIT women's lacrosse with 20 goals and six assists. Becky May, middle right, is the lone senior on the Tiger softball team ranked 10-13-1 overall and 5-3 in the EB. She is second on the team in runs batted in and tied for first with two home runs. Tennis player David Chachu, below, has stepped into the No. 1 singles role and excelled with a 5-2 record including wins in his last three matches. Chachu is 10-5 overall including 4-0 in tournament action capturing the singles title at the St. Lawrence Ice Breaker Tournament (March 4).

RIT innovators <from page 2>

education at all levels to ensure we're developing the next generation of innovators."

NSF's Bordogna, who has chaired committees on manufacturing and environmental technologies within the President's National Science and Technology Council, praised RIT for its "boundary-crossing" approaches to areas like microengineering and nanotechnology. "Systemic approaches are critical to our nation's future."

The Inventors' Dinner honors RIT students, faculty or staff members who have disclosed a creative work which RIT has begun the process of protecting through trademark, patent or copyright application. The event, sponsored by

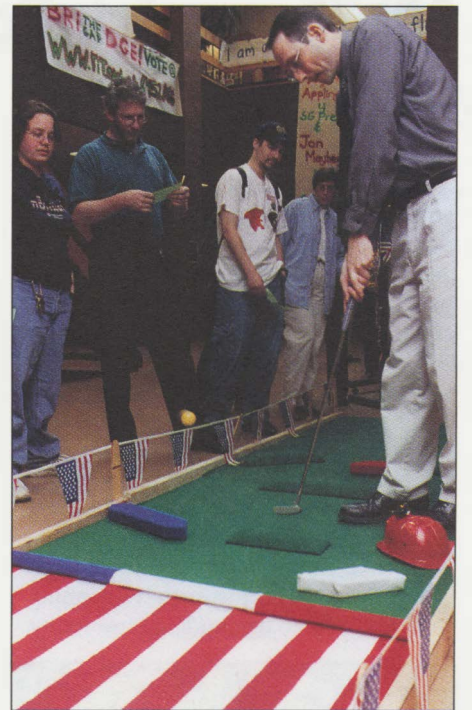
RIT's Office of Grants, Contracts and Intellectual Property, included co-inventors from industry, other universities and federal labs.

RIT's Creator's Award recognizes outstanding creative works by a member or group in the RIT community. The work, required to be part of RIT's portfolio of intellectual property, must show inventiveness and the potential to create a sweeping change in how something is done. It must be unique and possess the potential to be revolutionary, with an impact on students, community and society, and offer substantial long-term benefits. RIT's Intellectual Property Policy committee chooses the winner based on careful scrutiny, analysis and works comparison. •

Web spotlight: RIT Gospel Ensemble

RIT's Gospel Ensemble will celebrate its 21st anniversary with a free concert at 7:45 p.m. on Saturday, May 4, in Allen Chapel, Interfaith Center.

Visit www.rit.edu/~ritgewww to learn more about the Gospel Ensemble, its repertoire, events and announcements, the Gospel Ensemble scholarship and a prayer request page.



PUTTING FOR PRIZES ... NTID faculty, staff and students took a break from the intensity of spring quarter to participate in the college's first-annual hallway miniature golf tournament organized by the NTID Dean's Office. More than 100 golfers tested their skill on 12 different golfholes created by students and faculty/staff members with prizes for the lowest scoring team and individual golfer as well as the most creative hole design.

Robots compete <from page 1>

work cells—in essence, mini-factories—will also be judged.

The challenge will begin with project demonstrations, displays and tours from 2 to 4:30 p.m. on May 4, followed by elimination heats from 6:30 to 10 p.m. Competition and judging will be held from 9 a.m. to 4 p.m. on May 5.

All events will be in the Frank Ritter Ice Arena and the Louise M. Slaughter Building, rooms 2210, 2220, 2230 and 2240.

An awards ceremony will be held from 5 to 6 p.m. on May 5 in Ingle Auditorium in the Student Alumni Union.

The event is sponsored by Robotics International of the Society of Manufacturing Engineers and RIT. •



RIT HELPS KICK BUTTS ... RIT's Student Health Center, in conjunction with the Task Force for Tobacco-Free Women and Girls, hosted Kick Butts Day on April 3 in Wallace Library. Those approaching the library saw a giant red shoe crushing a pack of cigarettes, and visitors inside Wallace had the opportunity to see a computer-enhanced image of their face showing the results of 20 years of smoking cigarettes. Organizers hoped the images would persuade students who smoke to quit, and those who don't smoke to remain smoke free.

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