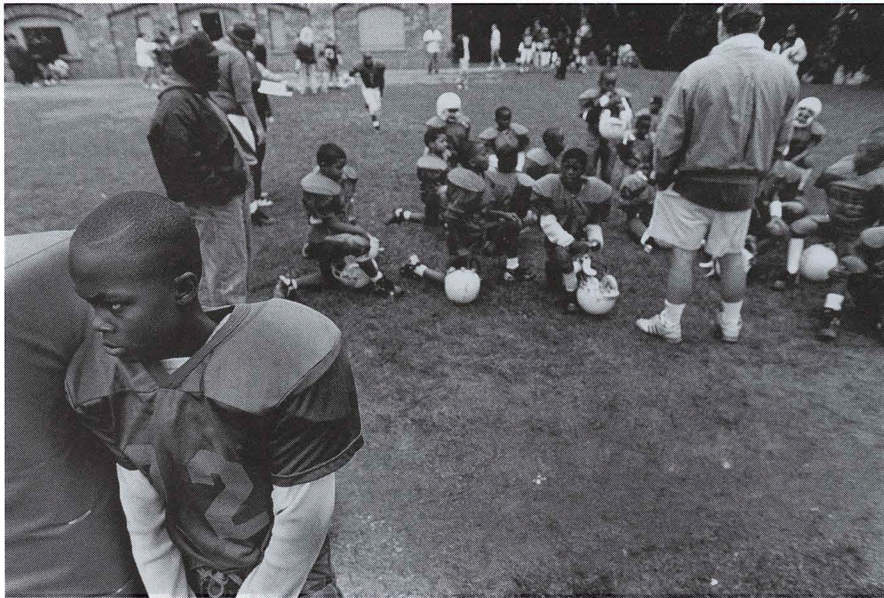


# Angles

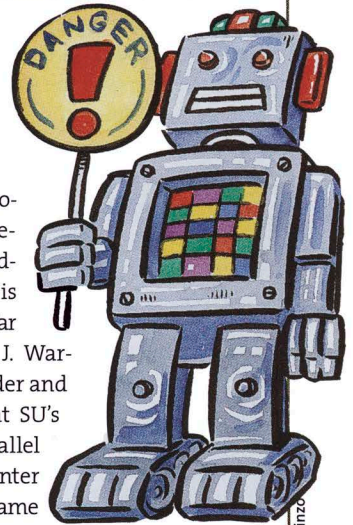


"Playing Against the Phantom," a photo by Tech. Sgt. (USAF) Scott Wagers, won first place in the sports photography category in the 1998 Military Photographer of the Year competition. Wagers took the photo while participating in the Department of Defense's Military Photojournalism Program at the S.I. Newhouse School of Public Communications. Shot at Thornden Park in Syracuse, the photo depicts a young football player who had a rough first-half. His team, the Thornden Park Bulldogs (Mighty Mite division), went on to win the game.

## revolutionary ROBOTICS

The Center for Really Neat Research (CRNR) at SU has been awarded a \$1.6 million contract from the Defense Advance Research Projects Agency (DARPA) to build safer land-mine detectors using CRNR's flagship technologies.

"The technology currently being used for land-mine detectors is vintage World War II," says David J. Warner, CRNR founder and Nason Fellow at SU's Northeast Parallel Architectures Center (NPAC). "It's the same technology people use to comb the beaches of Florida."



michael prinzo

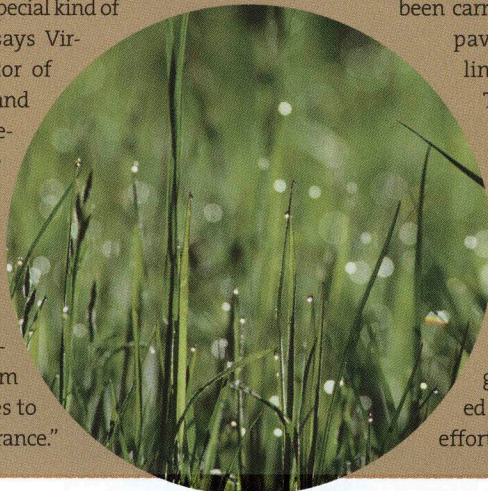
Warner and his CRNR associates—Edward Lipson, professor of physics and CRNR principal collaborator; and NPAC director Geoffrey Fox—will develop the new mine-detection system in cooperation with DARPA's Distribution Robotics Program. The idea is for tiny robots, 2 to 5 centimeters long, to search for buried land mines, allowing people to remain at a safe distance. The problem lies in developing a lightweight, portable computer system to control the robots and process the information they collect.

CRNR researchers are charged with developing human interface systems that allow soldiers in the field to interact with the robots and a distant command center. "The best way to do that," Warner says, "is by using the human body as the interface device" by building a variety of sensors that can be worn on the body and connected to a wearable computer. The resulting system will increase a person's ability to perceive danger when clearing minefields, he says.

## so long ASPHALT

Remember the crumbling strip of barricaded asphalt that sliced between the Newhouse complex and Schine Student Center? Well, the eyesore is no more.

This summer, work began to remove the pavement and replace it with a garden plaza. "Our goal is to create spaces that bring about a sense of the campus as a unique place where a special kind of energy is created," says Virginia Denton, director of the Office of Design and Construction. "The redesign of the space between Newhouse and Schine restores the historical sense of the pedestrian entrance to campus by continuing the esplanade that runs from the Hall of Languages to the Place of Remembrance."



Building the plaza required extensive regrading to create a more level area. Essentially, the University Place end of the space was lowered and steps built that lead to the plaza. The Waverly Avenue end was raised, with steps leading down to the street.

The esplanade effect has been carried out via two paved walkways lined with trees. The view from Waverly Avenue of the Hall of Languages—the traditional hallmark of Syracuse University—has been greatly enhanced through these efforts, Denton says.

## shining GEM

Eleven undergraduate and graduate students in SU's School of Information Studies (IST) are playing key roles in the development and launching of the Gateway to Educational Materials (GEM) project at Syracuse University.

GEM (<http://www.geminfo.org>), a special project of the ERIC Clearinghouse on Information and Technology, has created a virtual card catalog on the World Wide Web to help educators in the K-12 community gain easy access to thousands of Internet-based educational materials.

"The project's goal is to provide a new set of tools to get information into the hands of educators quickly and easily," says Michael B. Eisenberg, professor of information studies and director of the ERIC Clearinghouse. Eisenberg and fellow IST faculty members Stuart Sutton and Ruth Small are GEM's principal investigators.

"There are thousands of collections of educational materials on the Internet that were just waiting for the right tools to come along to help users access them," Sutton says. The GEM research team—students as well as faculty members—developed the software that will make the materials accessible to users on the Internet.

Students are also involved in creating training materials for GEM consortium members (whose numbers include collection holders and users) and in presenting workshops designed to introduce GEM's meta-data system to educators across the country.

The 11 IST students say it's been exciting to see GEM develop from a research project to a working product in less than a year and a half. "When we present GEM at conferences, people love it," says Julie Diana, a library science master's degree student. Diana is developing training materials for people who catalog collections for the GEM system.

"My experience with GEM has been the best part of being at SU," Diana says. "I have been able to integrate what I've learned in class and then go beyond that by participating in cutting-edge research."



michael prinzo

## picture PERFECT



These works by illustration majors Kristen Nedopak '99, above, and Adam Walko '00, below, are among eight created by College of Visual and Performing Arts students that were winners in a national Society of Illustrators competition.

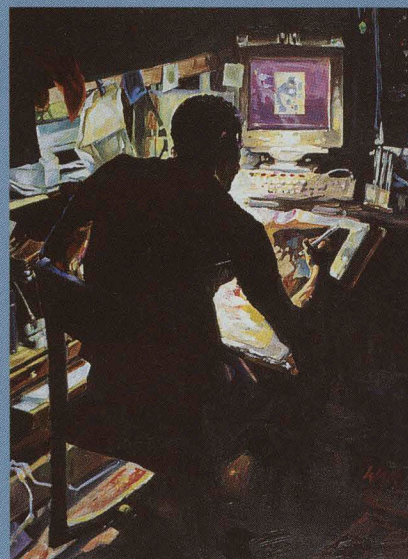
Eight pieces by Syracuse University illustration majors were among the winners in a national competition sponsored by the Society of Illustrators.

Each year, thousands of illustrations from students at art schools, colleges, and universities across the country are submitted to the society's Annual Scholarship Competition. Of those, a relative handful are selected as winners.

This year 6,500 pieces were entered; 125 were selected as winners to be displayed in an exhibition, and 21 were chosen to receive cash awards.

Of the winning pieces, eight were done by seven SU students: Eileen O'Connell '98, Chris Williamson '99, S. Christian DeLoach '99, Kristen Nedopak '99, David Kassin '99, Billy Seccombe '00, and Adam Walko '00. All are enrolled in the College of Visual and Performing Arts' School of Art and Design. Kassin had two pieces

selected. Three of the students—DeLoach, O'Connell, and Walko—received cash awards of \$1,000.



## student DIALOGUE

Four Syracuse University students were named finalists in a national competition sponsored by Americans Discuss Social Security.

Competing for a \$100,000 budget and four \$10,000 scholarships, The College of Arts and Sciences students—Erin Buchanan '99, Robert Neelen '99, Patrick Magnuson '00, and Meghan Sherman '01—made up one of the more than 150 teams that entered the contest last spring. Seven teams were chosen as finalists.

The contest, titled The Social Security Challenge, was created by Americans Discuss Social Security as a way of drawing younger Americans into a national conversation about Social Security issues. Participants submitted a 1,000-word essay describing their ideas for making Social Security a hot issue on college and university campuses, as well as a one-page budget that detailed how they would allocate the resources of the \$100,000 grant during implementation. Entries were evaluated for their creative ideas, sound budgets, and realistic timelines.

More information about the Social Security Challenge can be found at <http://www.sschallenge.org>.

# Angles

## video CONFERRING

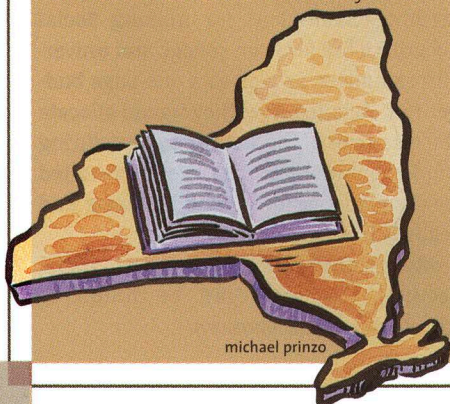
### stately UNDERTAKING

Syracuse University Press has taken on the monumental task of producing the first comprehensive, scholarly encyclopedia covering prominent persons, businesses, parks, and communities that make up the historical and contemporary fabric of New York. When completed in 2001, the single-volume *Encyclopedia of New York State* will contain more than 3,000 entries and 1,200 pages. The project is being launched with \$220,000 in state funding secured by Republican state Senator John DeFrancisco of Syracuse.

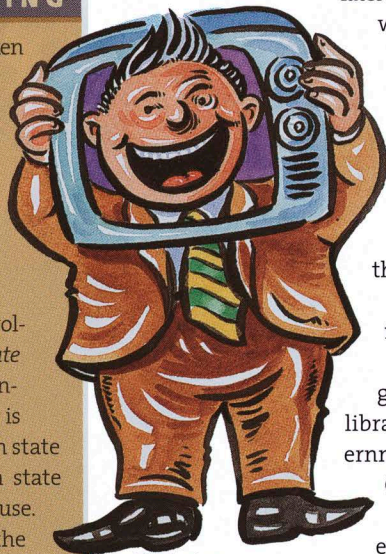
The total cost of producing the encyclopedia has been budgeted at \$1.65 million. SU Press is contributing \$490,000 and will seek subsidies from private and corporate sources for another \$500,000. The publication's planners are hopeful that the state will continue its support with additional allocations of \$220,000 over the second and third years of the project.

"I am pleased that we will be able to offer an encyclopedia that can focus attention on New York's history as a whole, and help readers better understand what it means and what it has meant to be a New Yorker," says SU Press Director Robert Mandel.

The publication will be distributed both nationally and internationally as a means of promoting New York State. In addition to retail sales, discounted copies will be available to public libraries and every school library in the state will be given a copy of the encyclopedia to help educate schoolchildren about the state's storied history.



michael prinzo



michael prinzo

Earlier this year the School of Information Studies' Center for Active Learning (CAL) hosted its first demonstration of the latest technology that will enable Central New York nonprofit organizations to access inexpensive videoconferencing capabilities over the Internet.

Representatives from more than 30 nonprofit agencies, schools, libraries, and government offices in Onondaga County were invited to the demonstration at SU's Center

for Science and Technology. The demonstration was the culmination of months of work by 12 information studies undergraduate and graduate students led by Thoreau Chu and Wayne Minor, master's degree students in telecommunications and network management.

The videoconferencing research project is part of a larger community effort to give schools, libraries, agencies, and other not-for-profit organizations in Central New York access to an inexpensive, high-speed, multimedia computer network called the Syracuse MetroNet.

"CAL was established to address the information technology needs of the nonprofit sector," says Murali Venkatesh, professor of information studies, CAL director, and chairman of the MetroNet Technology Committee. "This project is consistent with that ideal in that we are testing products, strategies, and equipment that the community will be able to adopt."

### SU REMEMBERS

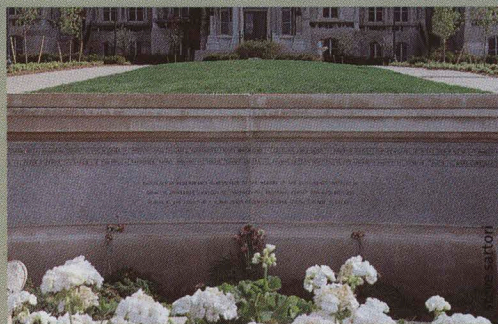
December marks the 10th year since the terrorist bombing of Pan Am Flight 103 claimed the lives of 35 Syracuse University students returning home from abroad. In commemoration of the tragedy, Syracuse University is hosting an ongoing series of lectures, exhibits, and panel discussions focusing on the Lockerbie, Scotland, air disaster.

The commemoration began this summer with a series of lectures on "Global Terrorism: Lockerbie 10 Years Later," presented by Syracuse University Continuing Education and the Maxwell School of Citizenship and Public Affairs. Among the speakers were representatives of the Royal Institute of International Affairs, London and Scotland; the U.S. State Department; the S.I. Newhouse School of Public Communications; and the American Coalition for Middle East Dialogue.

October 19 through 23 will be this year's Remembrance Week, which pays tribute to the victims of Pan Am 103 and honors the University's newest Remembrance

Scholars—35 outstanding students who receive scholarships to support their senior year of study. Remembrance Scholarships are the University's most prestigious academic honor. Remembrance Scholars themselves plan the week, which includes lectures, exhibits, and panel discussions. On the final day of Remembrance Week, there will be a convocation in Hendricks Chapel hosted by Chancellor Kenneth A. Shaw.

From December 12 through 21, SU will observe 10 Days of Remembrance by



sponsoring lectures, exhibits, and panel discussions focusing on the Lockerbie air disaster, culminating with a Service of Commemoration in Hendricks Chapel.

This service will be held jointly with services in Lockerbie and at Arlington National Cemetery in Washington, D.C.

For more information on these events or the Remembrance Scholarships, contact Judith O'Rourke, 304 Tolley Administration Building, Syracuse, NY 13244-1100, phone: 315-443-1899, e-mail: [jlourke@syr.edu](mailto:jlourke@syr.edu).

shrimp TALES

Deep in the waters of the Atlantic Ocean, a species of small orange shrimp is going about its business, completely unaware of the existence of Syracuse University. But it was in honor of SU that these shrimp were named, and now the previously unidentified creatures bear the dignified title *Rimicaris aurantiaca*. *Aurantiaca* means "orange" in Latin.

In 1993 Professor Steven Chamberlain, chair of the bioengineering and neuroscience department and former dean of the L.C. Smith College of Engineering and Computer Science, was on a diving expedition with graduate students Robert Jinks '91, G'96 and Erik Herzog G'94. They were diving in the Azores, a cluster of nine islands 900 miles west of Portugal, as part of a research project on another type of shrimp. But each day, team members noticed small

orange shrimp near the large gray shrimp they were studying.

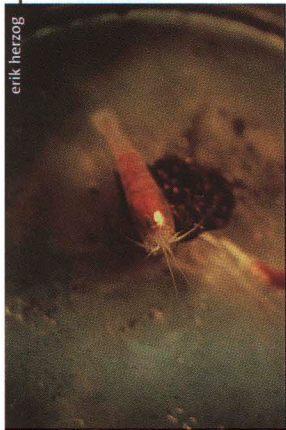
Finally Chamberlain brought some of the orange shrimp to the surface for closer examination. He didn't know if another scientist had already discovered and named them.

"We assigned them to a genus—*Rimicaris*—and we left the species as unknown," he says.

But after checking with various contacts in the field, Chamberlain ascertained that he and his team had in fact discovered a new species of shrimp. So Chamberlain shipped off his information on the shrimp to an expert in Los Angeles, Joel Martin, who confirmed it was an unnamed species. He used the genus name *Rimicaris* and designated the species name *aurantiaca*.

In a published description of the shrimp, Martin pointed out that the bulk of the original research on the shrimp was done by researchers at Syracuse University, "whose teams and alumni are referred to as the Orangemen."

Meanwhile, in the depths of the Atlantic, far away from all the hubbub and Syracuse University, the *Rimicaris aurantiaca* keep doing what they're doing, unaware that they, too, are Orangemen.



erik herzog

cd INDUSTRY

Students enrolled during the past academic year in The Recording Company (MUI 400) course in SU's School of Music did more than read books and write papers to earn academic credit. They ran their own company and helped the school with its recruitment efforts.

Participants in the two-semester course learned about aspects of the recording business by running a record label, SU Recordings, under the guidance of Professor David Rezak. In the process, they also prepared two new recordings for release: *Anthology: The Major Ensembles*, issued in May; and *No Cover Before Nine*, scheduled for release this fall.

Daniel Godfrey, director of the School



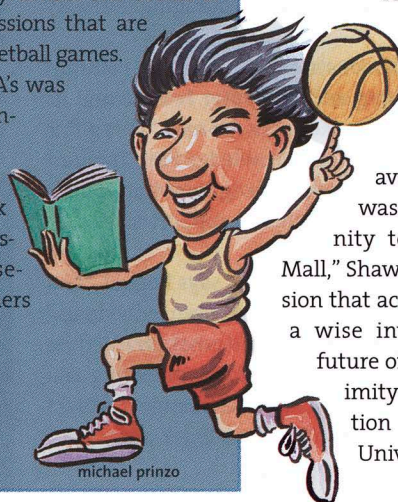
of Music, commissioned *Anthology* for use as a tool to recruit students and guest speakers. It features performances by the school's major ensembles: the Syracuse University Orchestra, the Syracuse University Singers, the Syracuse University Wind Ensemble, and the Syracuse University Jazz Ensemble. *No Cover* is a student-inspired CD featuring jazz and jazz-influenced pieces.

Because the recordings were done as a class project, they can only be sold on campus. Both CDs are available through the School of Music or the SU Bookstore for \$12 each or \$20 for both releases.

golden RULE

A program started by two Syracuse University students received a JC Penney Golden Rule Award for community service. The award, announced in June, includes a \$1,000 cash prize, a Waterford crystal statue, and a certificate. Derek Wallace '00 and Chad Du-hon '99 founded Shooting for A's under the guidance of Professor William Coplin, chair of The College of Arts and Sciences/Maxwell School Public Affairs Program. Shooting for A's, which mixes academics and a basketball league, involves students working each semester with 20 fifth- and sixth-graders from Syracuse. The students hold tutoring sessions that are followed by basketball games.

Shooting for A's was one of seven winners among 71 nominees in the Central New York area. Ten runners-up were also selected. The winners now have a chance to win \$10,000 in a national contest.



michael prinzo

marshall SQUARE

Syracuse University has entered into an agreement with Sutar Realty Associates of Syracuse to purchase Marshall Square Mall, the two-story commercial/retail building adjacent to SU Continuing Education/University College (700 University Avenue). The property, which includes a 17,000-square-foot parking lot, will be purchased for \$4 million.



michael prinzo

According to Chancellor Kenneth A. Shaw, it has been a long-standing practice of SU to consider purchasing property adjacent to the University when such property becomes available. "When the University was approached with the opportunity to purchase Marshall Square Mall," Shaw says, "we came to the conclusion that acquiring the property would be a wise investment for the long-term future of the University, given its proximity to University College and location along SU's main entrance on University Avenue."