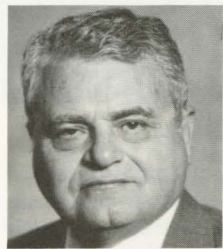


## Former NASA Photo Chief To Lecture, Receive Award



Richard W. Underwood

Richard W. Underwood, former aerospace photography consultant to NASA, will lecture on "The Photographic History of Man in Space," Monday, Dec. 8, in Webb Auditorium.

The lecture, scheduled for 7:30 p.m., will precede the presentation of the School of Photographic Arts and Sciences' prestigious Frederick W. Brehm Memorial Medal to Underwood, who will be its 25th recipient.

Underwood, who retired from NASA last year, is currently lecturing worldwide on topics of spaceflight, photography in space and geology. He also is a noted expert on photogrammetry, which is the art or process of surveying or measuring by taking photographs, such as in map-making.

Underwood also will be available to answer questions on the role photography

played in the investigation of the Challenger disaster.

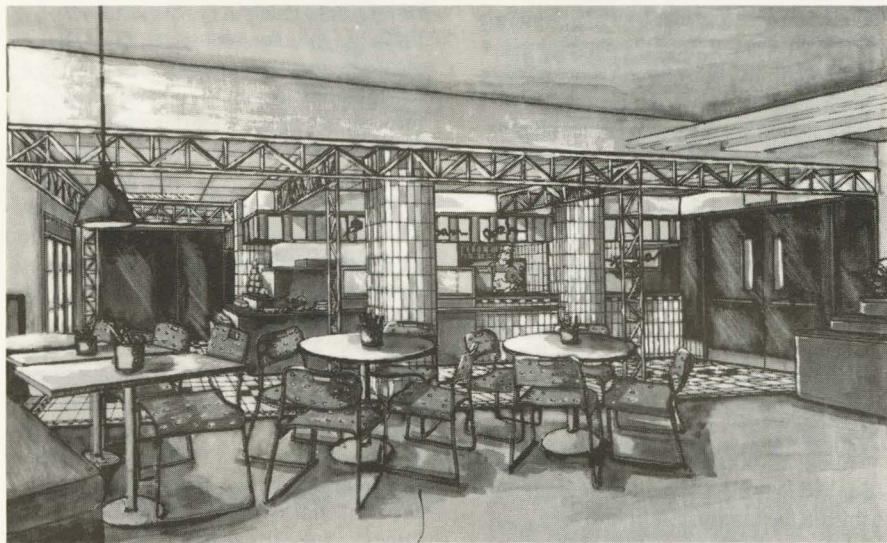
"It'll certainly be an interesting lecture, since Dick was responsible for training all the astronauts in their photographic endeavors while in space," said Thomas Iten, director of the School of Photographic Arts and Sciences.

As technical assistant to the chief of NASA's Photography and Television Technology Division, Underwood served as an aerospace photography consultant for Space Shuttle operations and the space station of the future project.

A native of Newport, R.I., Underwood earned a degree in geology from the University of Connecticut. After several years of service with the U.S. Navy, he went to work for NASA in 1962 and was assigned to the Goddard Space Flight Center as a special consultant in photogrammetry. Two years later he was assigned to the Johnson Space Center in Houston, Texas, where he remained for 16 years as a supervisor and aerospace technologist. During that time he monitored photographic experiments on Gemini, Apollo, Apollo Soyuz and Lunar missions, and developed a high-precision photo lab for processing Apollo, Apollo Soyuz and Shuttle mission flight film.

*continued on page 2*

## Residence Hall Restaurant Gets \$240,000 Face-Lift



Artist's rendering of the interior of Nathaniel's shows the storefront area where customers can order pizza and watch it made.

Improving the quality of life for RIT students is the aim of a project to renovate Nathaniel's, a restaurant located in the residence hall tunnels.

"We're giving it a total face-lift—a totally new image," said Jim Bingham, director of Food Service.

Work on the facility began Nov. 24 and is expected to be finished in mid-January. The \$240,000 project is funded by Food Service and Residence Life.

The restaurant's metamorphosis from "The Cellar" to Nathaniel's began a year ago when the legal drinking age was changed to 21 and Food Service relinquished the restaurant's beer license.

"We knew we would have to change the whole image to make the restaurant a more desirable place to be," Bingham said. "The Food Service staff has talked to many students, who feel Nathaniel's has been a place in transition."

The Cellar, Bingham says, was "a dark, poorly-lit room which served well as a bar, but not as a restaurant.

"We know the students are behind us in making this a place to go and a place to be proud of. We're happy to be able to provide that."

To better create the restaurant image The Cellar's name was changed to Nathaniel's, to reflect its location in the Nathaniel Rochester residence hall. The restaurant also began offering delivery service to residence halls, on-campus apartments and classrooms.

Decorated in vibrant yellow, coral and aqua, Nathaniel's will take on the appearance of a New York-style deli. The storefront area will be brightly lit, with black and white ceramic tile flooring. Customers will be able to look on as pizzas are prepared and placed in the oven.

The storefront will feature a soft-serve and hand-dipped gourmet ice cream area, a deli center, where customers may order sandwiches and salads, and fresh-baked desserts, along with other items.

*continued on page 3*



The RIT Philharmonia, directed by Charles Warren of the College of Liberal Arts, brushes up on holiday music for its Dec. 14 concert with the RIT Singers.

## Holiday Festivities Include Concert, Food Drive, Sales

Signs of the holiday season will be seen across campus in the coming weeks. Plans include concerts and celebrations, a craft sale, Interfaith services, and a food drive for the needy.

The College-Alumni Union Annual Holiday Party—featuring music, refreshments, and a visit from Santa—takes place from 11:30 a.m. to 1:30 p.m., Friday, Dec. 5, in the College-Alumni Union lobby. Sponsored by Student Activities/Union Services, the party is free and open to students, faculty and staff.

For those looking for special gifts, the School for American Craftsmen Holiday Craft Sale will feature unusual pottery, jewelry and woven art. The annual sale of student work will be held from 9 a.m. to 6 p.m., Thursday and Friday, Dec. 4 and 5, and from 10 a.m. to 5 p.m., Saturday, Dec. 6, in the union lobby.

Music will fill the air at the RIT Philharmonia/RIT Singers Concert for the Holidays, from 3 to 4:15 p.m., Sunday, Dec. 14, in Ingle Auditorium. The concert will feature traditional Christmas and Hanukkah music, ending with the "Hallelujah Chorus" from Handel's "Messiah." Directed by Charles Warren and Ed Schell of the College of Liberal Arts, the free public concert will include performances by the Thursday Afternoon Consort and the RIT Men's Octet.

Community Services will prepare 60 holiday food baskets for needy families. Each basket will have a turkey and fresh fruit. Faculty and staff are asked to bring in canned goods and other non-perishable food items, Dec. 2-12. Call Community

Services at -6936 to arrange for pick up of donated food items. The baskets will be assembled and delivered to city community centers on Dec. 16.

Activities at the Kilian J. and Caroline F. Schmitt Interfaith Center will begin with a tree decorating party from 1 to 3 p.m. on Tuesday, Dec. 9, in the main lobby. The Rev. Jim Sauers will celebrate Christmas Mass at 7:30 p.m. on Wednesday, Dec. 24, in the Allen Chapel.

## Mitten Tree to Warm Small Hands, Hearts



Warming the hands of children can warm the heart.

For the second Christmas season, the Support Staff Advisory Board is sponsoring the Mitten Tree. The group asks the RIT community to donate a pair of mittens to help decorate the Christmas trees in the College-Alumni Union and City Center. The mittens, which can be new or clean used ones, will be donated to children and adolescents at St. Joseph's Villa.

"Instead of giving ourselves a Christmas party, we invested the money in getting the trees up," said Louise Hill, chairwoman of the group's Special Activities Committee. "This is our Christmas party to ourselves—providing for somebody else."

Last year, the board gave 88 pairs of mittens to the Convalescent Hospital for Children in Scottsville on behalf of the Institute.

"The people there were totally amazed and impressed with the generous gift RIT gave," Hill said.

## CNN News Features RIT Programs

Millions of Americans across the nation are learning about RIT and some of its unique programs.

The Cable News Network (CNN), based in Atlanta, sent a crew to campus Nov. 11-14 to do five stories on RIT.

The first of these stories included a feature on the new Center for Microelectronic and Computer Engineering, shown Nov. 11-23, and a feature on Professor Andrew Davidhazy, School of Photographic Arts and Sciences, and his class on rocket launch high-speed photography, shown Nov. 26, 27, 29 and 30.



## Student Honored for Horse Sense

RIT freshman Rebecca Crystal has a system for making money on the horses. The system brought her \$500 earlier this month when she was named winner of the 1986 Herbert W. VandenBrul Student Entrepreneurial Award, given by the College of Business.

Crystal, 18, who has done some horse trading in her day, created a business plan that involves buying also-ran race horses, retraining them as show horses and selling them to amateur horse enthusiasts at galloping margins.

Her business plan—judged superior for its feasibility and convincing support data by a College of Business review committee which included VandenBrul—won her the award. The student award is given to an RIT undergraduate or graduate student who displays enterprising management ability. The award was established in 1984 as a companion to the Herbert W. VandenBrul Entrepreneurial Award, this year given to Rochester businessman Max Farash. Both awards were created by an endowment given by VandenBrul, a co-founder of R.F. Communications Inc., which is now a division of Harris Corp.

"Rochester is known for its entrepreneurial spirit and we're delighted that VandenBrul helps us uncover and nurture this spirit in our students," said Walter F. McCanna, dean of the college.

Candidates for the award include students enrolled in Entrepreneurship classes. However, any RIT student can enter the competition.

Crystal, who lives in Holcomb, says her plan involves buying horses that have "flunked out at upstate race tracks. Maybe a horse doesn't have the speed or the heart to win races. After two or three years, it's

dumped on the market. At this point it has no marketable skills." Crystal, who has been a riding instructor at Castle Creek Farm in Mendon, says it takes from three to six months to retrain a former race horse. "It has to learn to behave, to be reschooled so it's capable of performing for horse shows and combined training events, which are similar to the three-day events people see during the Olympics."

The cost of keeping the horse for six months may run about \$600 per horse when two or three are kept and trained, she says.

Crystal, who has found horses for people in the market and who has retrained and sold horses as her plan outlines, says the market is substantial. "Most people

only hear about the \$1 million and \$2 million horses," she explained. "But there are a lot of people downstate, in Connecticut and New Jersey who are interested in the sport as amateurs." The career for the type of horses in demand for amateur competitions starts about age five or six—just right for former race horses. People in this market will pay \$2,500 to \$10,000 or as much as \$20,000 for a horse that has been trained well to show, Crystal explains.

In preparing her plan, Crystal says she was careful to study the systems used by other stables. She says she tried to use the best parts of their plans while avoiding their mistakes.



**MAGNA DONATION...** Magna Computer Systems, Inc., of Sherman Oaks, Calif., has donated \$25,000 worth of software for computer typesetting systems to the School of Printing Management and Sciences. Seen here is Fred Rose (second from left), president of Magna, presenting the software to Emery Schneider (second from right), associate professor. At far left is Jim Frank, president of Answers, etc., Inc., of Kenilworth, N.J. Frank, who arranged the donation, is an RIT graduate and east coast representative for Magna. At far right is Archie Provan, associate professor and administrative coordinator for the School of Printing Management and Sciences.

## National Video Award Presented To RIT Staffers for Juggling Job

Two RIT staff members and a former professor have turned an instructional lecture on juggling into an award-winning video.

The video, starring juggling expert Greg Moss of the Physical Education department was directed and edited by David Cronister of Instructional Media Services (IMS) and produced by Rudy Pugliese, a former professor in the College of Liberal Arts.

Completed after three years of work in their spare time, "The Juggling Lecture" won a prestigious Golden Eagle Award in the annual CINE Competition of the Council on International Non-Theatrical Events. As a result, the tape could go on to represent the United States in international competitions such as the Cannes Film Festival in France, the Melbourne Film Festival in Australia and the London Film Festival.

The 15-minute production is meant to be instructional and humorous. "The challenge was to present an introductory juggling lecture in an interesting way," Cronister explains. "It's sort of tongue-in-cheek."

Moss, who teaches juggling at RIT and wrote the script, plays an executive who gives lectures on juggling. The action takes place in a dream where Moss goes through the history of juggling, explains

the different types (fire, balls and pins) and gives a talk on how to perform the traditional three-ball cascade.

Moss and Pugliese will accept the Golden Eagle Award at the CINE Annual Awards Ceremony in Washington, D.C. Their entry has been recommended for a special showing at the conference.

When they return, Cronister says the video will be distributed to schools, libraries and cable television.

## Lack of Power Doesn't Dim Career Day Event

I would like to thank Roy Dement and the Physical Plant Department, Campus Safety, Food Service and IMS for making Career Day '86 a success, despite the adverse conditions. We had about 2,200 students and parents on campus Saturday, Nov. 15, when the power went out in Buildings 1-6.

With the help of these departments, faculty, staff and students, we were able to make the best of a difficult situation and continued our scheduled programs for the day. While the power outage was unfortunate, I believe it was a good example to our prospective students of how well the Institute community works together.

Richard Fuller  
Director of Admissions

## Employees Asked to Share Hobbies with Students

The Department of Residence Life is asking faculty and staff members to share their expertise, hobbies and interests with students in the residence halls.

"If someone has traveled, they might come in to show their slides or talk about the trip," says Carol Reed, assistant director of Residence Life. "Workshops on massage and craft techniques are popular. Experts also might discuss how to set up a budget or conduct a program to improve study skills."

Programming cards and a letter explaining the project have been distributed to all faculty and staff. The department is collecting the cards to compile a resource book of people and topics available. Residence hall programmers will use the book as a guide in scheduling events.

Reed says faculty and staff can get involved at any time. For more information, call -6931.

## Gunsmithing Program Returns Next Summer

The School for American Craftsmen at RIT will host National Rifle Association Gunsmithing School courses next summer.

The one- and two-week, non-credit courses will be offered in June, July and August for enthusiasts pursuing a vocation or enhancing professional expertise. Sessions include practical experience in techniques and artistry in areas such as gun repair, bluing and polishing, pistol-making, engraving and bladesmithing.

The school also will offer the Law Enforcement Armorer School, designed to train police armorers in the maintenance of firearms at factory specifications.

Registration begins in March, 1987, and applicants are encouraged to register early due to limited class sizes. Housing accommodations are available on campus.

## Employees Receive Christmas Thank You

Employees will receive a special holiday thank you for their hard work and determination on Friday, Dec. 19, when President Rose presents turkeys to faculty and staff.

Full-time and permanent part-time employees may pick up their turkeys from Institute officers in the upper lobby of the Frank Ritter Memorial Ice Arena and City Center lobby.

## New Cable Means Power Should Be On

RIT's power outage woes will soon be over.

"We're well on our way to ending our troubles," said Don Burkhardt, Physical Plant's director of administrative services. "The outages were due—the campus is 20 years old and we have difficult soil to deal with."

Moisture and low-lying land has created acids that eat into the cables which supply power to campus. Cable in one major circuit was replaced about five weeks ago after a series of power outages.

A planned shutdown of power on the weekend of Nov. 21-23 allowed workers to replace cables in a second circuit that supplies power to Buildings 1-6. The work was prompted by a series of power outages a week earlier that affected the George Eastman Memorial Building, College-Alumni Union, the Frank Ritter Memorial Ice Rink, College of Liberal Arts, the Interfaith Center, Campus Connections, and the George H. Clark Memorial Gymnasium.

About 22,000 feet of copper cable was installed to replace the original aluminum cable on the circuit, Burkhardt said.

Splicing the line took longer than anticipated, and power was restored at 8:55 a.m. on Monday, Nov. 24. Workers had hoped to restore power to the buildings by midnight, Sunday, Nov. 23.

Fifteen Physical Plant employees worked around the clock with contractor O'Connell Electric to repair the circuit. Physical Plant workers helped reconnect power to the buildings. Rochester Gas and Electric tested the line after the work was completed.

Power was shut down again for two hours in the evening on Monday, Nov. 24, in order to replace cables that supply power to the gym and ice rink. Generators supplied power to the ice rink and Interfaith Center so weekend activities could continue without interruption.

Cable must be replaced on two more circuits to bring all campus circuits up to date, Burkhardt said. Physical Plant has received two tractor trailer loads of new cable and are making plans to schedule replacement work.

## NASA Photo Chief...

*continued from page 1*

From 1980 until his retirement in 1985, Underwood served as technical assistant to NASA's chief of Photography and Television Technology Division at the Johnson Space Center.

Underwood has written and presented many papers in the field of aerospace photography and is a member of several professional and honorary societies. He also has received numerous special honors and awards, including NASA's prestigious Exceptional Service Medal for the Apollo projects.

The Frederick W. Brehm Memorial Medal is named after the first photographic instructor to teach in the Department of Photographic Technology at RIT. The award honors the continuance of photographic education as supported through the work and influence of photographers who have dedicated their lives to photography.

In 1930, when the Department of Photographic Technology was organized, Brehm was loaned to the Institute by Eastman Kodak Company, remaining at RIT until his retirement in 1945.

Shortly after Brehm's death in 1950, RIT established a program to honor those photographers and scientists, such as Brehm, who have made significant contributions to the field of photography. Past recipients of the Brehm Memorial Medal include such photographic luminaries as Ansel Adams, Beaumont Newhall, Gordon Parks, W. Eugene Smith, and Pulitzer Prize recipients Stan Grossfeld, Anthony Suau and Paul Benoit, all RIT graduates. In April, the medal was presented to Mexico's Manuel Alvarez Bravo.

## DID YOU KNOW?

This is another in a continuing series of little-known facts and fanciful musings on the history of RIT, supplied through the archives of the Wallace Memorial Library.

Classes in the early days of the Institute's history were held above the Weed Hardware Store on Exchange St. until the Manual Training Building was constructed on the banks of the Erie Canal in 1894.



## CCE Offers New Options To Fit Part-time Lifestyles



Part-time students will benefit from new programs designed to fill educational and career needs as well as to better fit lifestyles, according to College of Continuing Education dean, Dr. Donald Baker. Students also will find a new associate dean, Dr. Lawrence W. Belle, at the helm of the academic division.

"We are instituting major changes both in the programs we deliver to adult students and the methods by which we deliver them," Baker says.

Belle, a 10-year veteran of RIT faculty and administration, has announced new flexible Applied Arts and Science degrees, a new Weekend College, and expanded TeleCourse offerings.

"The flexible degrees allow us to fashion college programs for adult students and their employers which can be molded to fit specific requirements," Belle says. "What is needed for adult degree seekers is a program that starts with only general requirements, and then, with the assistance of faculty and practicing professionals, will be developed into their own unique courses of study."

The flexible degree programs allow a combination of concentrations. "A bachelor's degree in applied arts and science will provide students with a minimum of two and a maximum of four professional concentrations," Belle says. "The associate degree will include up to two concentrations. Degree programs can be designed to meet the needs of a particular business, industry or organization."

The diploma consists of only a professional concentration and no general education requirements. "The diploma can be tailored to the needs of a person already holding a bachelor's degree as well as the student with no college experience," Belle says.

In planning their course of study, students will be given opportunities to gain credit for previous education or work experience. "If they have a professional license, courses from other colleges, or non-credit job training, we will evaluate their total educational and professional experience for college credit," Belle says. "We also will offer opportunities for credit by examination."

### Fraternity Delivers Check to Hospital

Phi Sigma Kappa fraternity recently donated \$3,100 to Strong Memorial Hospital's patient-family lodging fund.

The fund assists families of patients who need to stay overnight near the hospital but cannot afford the extra expense.

Fraternity members raised the money last May at their ninth annual "Farewell to RIT" carnival.

### Accident Fatal to NTID Student, Injures Another

Two NTID students were involved in a fatal car accident on Erie Station Rd., Wednesday, Nov. 19. Daniel Mika, 21, of Woodridge, Ill., died as a result of injuries sustained at the accident. Matthew Mitchell, 21, from Carmel, Ind., is listed in guarded condition at Strong Memorial Hospital. Arrangements are being made for a community memorial service to be held early in the Winter Quarter.

Belle stresses that approval for such credit will come from a faculty advisory committee. "It is by no means impossible to receive credit for work experience or non-traditional education," he says. "But we will protect the integrity of each student's degree by careful consideration of each proposal."

Weekend College, offered for the first time this fall, is CCE's most ambitious attempt at new methods of delivering adult programs. "Weekend College is really 'half-a-weekend' college," Belle says. "The courses are scheduled on Friday evenings from 6 p.m. to 9 p.m. and on Saturdays from 9 a.m. to 4 p.m., and each course runs on four alternate weekends."

"The courses take less time out of your life," Belle says. "There's less travel time, fewer arrangements for child care. We've had several students this fall tell us that they are using the Weekend College format to add one more class to their schedule of two or three evening classes. It allows them to accelerate their degree program, as time is always a concern for adult students."

The most satisfying result, Belle says, is that students and faculty are praising the intensive nature of the courses. "Weekend College allows them to immerse themselves in their subject for two days; neither their train of thought nor their progress is interrupted as often as during evening classes separated by several days."

During the winter quarter, Weekend College offerings include a course in the management certificate program, a course in the small business management certificate program, and individual courses in psychology and sociology.

CCE TeleCourses, broadcast on Greater Rochester Cablevision and WXXI-TV Channel 21, were instituted at RIT several years ago.

"Assignments are mailed between instructor and student, and conferences are held over the telephone. The student never has to leave home, and the proliferation of VCRs over the last few years has made the TeleCourses even more accessible," Belle envisions expanding the TeleCourse offerings to include most, if not all, of the core courses in math, science, the humanities, and social sciences which are required of students seeking RIT degrees on a part-time basis.

### Residence Hall...

*continued from page 1*

The dining area adjacent to the storefront will seat just under 100 customers. "The room may be brightly lit or dimmed, to meet many different moods," Bingham said.

A stage in the dining room provides a place for live entertainers to perform; a big screen television will broadcast Monday night football and other shows.

Windows will be installed in the hallway wall so customers can look out. A "wall wrap" will be created from one of the exterior walls, drawing people into the double doors of the restaurant, Bingham said.

Among the changes that won't be visible, but will improve restaurant operations are a fire safety sprinkler, new room ventilation, and a cooking exhaust system, which will allow Nathaniel's to cook grilled and deep fried items which currently are not included on the menu.

About 40 students will be employed at Nathaniel's, which will be open seven days a week.

"There's no question about it, the students have used The Cellar a lot and really are limited in where they can go," said Preston Herring, assistant vice president for Student Affairs. "In the residence halls, this gives them a focus area—they have a place to go."

In conjunction with Nathaniel's renovation, Residence Life is upgrading the 12 laundry rooms in the tunnel to help make the underground hallways more attractive.



**UNFLAGGING VIGILANCE...**A U.S., New York State, and RIT flag fly over City Center, thanks to the efforts of Government and Community Affairs and the City Center Physical Plant staff. The U.S. flag, which flew over the nation's capitol, was given to RIT by Sen. John LaFalce, D-NY, and the state flag was presented to Dr. Mark Ellingson by state assemblyman Gary Proud, a 1967 RIT alum. Physical plant located and installed the building's original flag poles.

## Campus Connections Schedules Special Faculty, Staff Evening

Make up that holiday shopping list and check it twice.

The "Bloomingdales of bookstores" will be open to faculty and staff from 4:45 to 7 p.m., Dec. 12, when Campus Connections hosts its second Faculty/Staff Appreciation night, as a holiday treat to RIT employees. Faculty and staff will be able to deduct 20 percent off most items they purchase in the store during the special hours.

The event was designed last year "to show our appreciation to faculty and staff for their patronage to the store and contributions to the Institute," said John Roman, director of the store.

"Last year it was a great success," he said. "When I opened the door, the atrium was filled with people—and it was snowing. People usually go straight home when it's snowing."

Campus Connections will enhance the festive mood by playing holiday music and serving light refreshments. A gift wrapping service will be available on the second floor.

The textbook section will be closed. The special discount does not apply to computer hardware and software, photography equipment or special orders.

## Students Profit from Hospitality Forum

Representatives from Walt Disney World Co., the Marriott Corp. and 29 other corporations throughout the nation met with hospitality students at the Fourth Annual Hospitality Forum at RIT from October 1-3.

Hosted by the School of Food, Hotel and Tourism Management, the forum included exhibits, receptions and job interviews for approximately 700 students seeking full-time cooperative education positions.

"Most of our students receive job offers as a result of their contacts at the forum," says Edward Steffens, lecturer in the school. "This is the only chance they have to meet in one place with many top corporate professionals to discuss career trends

and industry and student employment needs."

This year's forum featured the largest number of corporate representatives and included Stouffer Hotel Management Corp., Wegman's Food Markets Inc., ARA Services, Red Lobster, and others.

Eric Bischof and Ron Cole, seniors in hotel and resort management, coordinated the forum.

"The forum allows students to receive firsthand knowledge about each company's objectives and personality, which they can't get from reading publications," says Bischof. "Motivated students interviewed for up to six or seven jobs within two days."



**SAY CHEESE...**Third-year photography students Ken Huth (left) and Matt Connolly smile along with their Halloween pumpkin, the winning entry in the Campus Connections pumpkin decorating contest. The first prize was a Kermit the Frog telephone.



## NEWSMAKERS

- **Stanislaw Radziszowski and Donald Kreher**, assistant professors in the Graduate Department of Computer Science, have received a 1986-87 National Science Foundation research grant. The \$27,183 grant supports their research of "Improvements and Applications of the Lenstra, Lenstra, Lovasz Basis Reduction Algorithm." Kreher and Radziszowski currently use the algorithm to find short vectors and lattices for solutions to combinatorial problems.
- **Gary Long and Larry Quinsland**, associate professors, NTID, have been named winners of the 1986 Best Paper Award by the American Education Research Association Special Interest Group: Research on Education of Deaf Persons. Their paper was titled "Experiential Learning vs. Lecture Learning: A Comparative Study with Postsecondary Hearing-Impaired Learnings."
- **Lakshmi Mani**, professor of language, literature, and communications, College of Liberal Arts, published a paper entitled "The Self in Vedanta" in the July/August issue of *Bhavan's News*, a journal of Indian culture and philosophy published by the Bharatiya Bidya Bhavan, New York City.
- **Dr. Raman Unnikrishnan**, professor and associate head of electrical engineering, presented a paper titled "State Space Analysis and Control Strategies for Parallel Resonant Converter" at the Institute of Electrical and Electronic Engineers (IEEE) Montech International Conference in Montreal in October. Co-author **Yung-Lin Lin** is a graduate student in electrical engineering.
- **Andrew Davidhazy**, associate professor, School of Photographic Arts and Sciences, has had an article on the industrial timing applications of a basic streak photographic system published in the August 1986 issue of *Industrial Photography* magazine. Davidhazy also has received a \$2,000 educational award from the International Society for Optical Engineering. The purpose of the award is to help the Department of Imaging and Photographic Technology meet its goals in the area of optical engineering, particularly by supporting student travel to society meetings and to bring guest speakers to meetings of RIT's Technical Photography Student Association.
- **Werner Rebsamen**, professor in the School of Printing Management and Sciences, recently traveled to Cali, Colombia, to consult on print finishing and book manufacturing. Invited by former RIT graduate student Manuel Jose Cavajal, Rebsamen visited several printing facilities employing over 7,000 people. Rebsamen published an article on the manufacture of "pop-up" books in the August issue of *The New Library Scene*, a major trade journal. Also, the June/July issue of *High Volume Printing* magazine features an article by Rebsamen titled "Roll-on into Finishing." The article is about sophisticated new material handling systems for the graphic arts industry.

- **Michael Sinnott**, NTID Career Development counselor, has been elected to a two-year term as a Board of Directors member for the American Society for Deaf Children. ASDC, formerly known as IAPD, is the only independent national organization with the sole purpose of providing information and support to parents and families with hearing-impaired children.
- A presentation by **Elizabeth O'Brien**, associate professor, NTID Communication Programs, and **Jerri Stanton**, assistant professor, NTID Career Outreach and Admissions, "The Challenge of Career Choices: The Family's Role," was delivered at the American Society for Deaf Children's convention at Boys' Town National Institute in Omaha during the summer.
- **Steven Loar**, assistant professor in the School of Art and Design and one of four nationally known woodturners, was a presenter and demonstrator at the Woodturning Conference '86 at Alfred University on November 1. He recently served as a juror for the Waterfront Art Festival in Canandaigua and also exhibited two wooden vessels in the Contemporary Works in Wood '86 competition in Athens, Ohio.
- **Leslie Scoville**, director, Campus Safety, has been selected as a member of the Board of Directors of the Rochester Safety Council. The Safety Council is a division of the Rochester Area Chamber of Commerce.
- **Dr. Kenneth Nelson**, professor of history, College of Liberal Arts, was selected from faculty across the nation to participate in the Summer Faculty Institute on United States-Soviet Relations, sponsored by the Harriman Institute for Advanced Study of the Soviet Union, Columbia University.
- **James Heliotis**, assistant professor, School of Computer Science and Technology, has reviewed "Modula-2: A Software Development Approach" by Gary A. Ford and Richard S. Wiener, for the March 1986 issue of *IEEE Software*.
- **Andrew Kitchen**, associate professor, School of Computer Science and Technology, has reviewed "Concurrent Euclid, the UNIX System, and TUNIS" by R. C. Holt for the May 1986 issue of *IEEE Software*.
- **Al Biles**, assistant professor, School of Computer Science and Technology, has reviewed "Prolog for Programmers" by Feliks Kluzniak and Stanislaw Szpakowicz, for the May 1986 issue of *IEEE Software*.
- **Warren Carithers**, assistant professor, School of Computer Science and Technology, has reviewed "Systems Software: An Introduction to Systems Programming" by Leland L. Beck, for the July 1986 issue of *IEEE Software*.
- **Guy Johnson**, professor, School of Computer Science and Technology, has reviewed "Interactive Programming Environments" by David R. Barstow, Howard E. Shrobe and Erik Sandewall, for the July 1986 issue of *IEEE Software*.

- **Sam Abrams**, assistant professor, College of Liberal Arts, recently has had book reviews featured in *Exquisite Corpse* (published by the English Department, Louisiana State University), and in *AND*, a new magazine published by Writers & Books in Rochester. In addition, his column of reviews of older books, "Lasting Pleasures," appeared for the first time in the *Democrat & Chronicle* on Sunday, Nov. 2. "Lasting Pleasures" will appear in the "People" section of the *Democrat & Chronicle* on the first Sunday of every month.
- **Victor Kasper, Jr.**, visiting assistant professor in Economics, presented a paper entitled "Banking on TDRs," at a conference at Tufts University in Boston. The conference, Sustaining Agriculture in Cities, was held in November.
- **Dr. Bruce A. Austin**, associate professor and chairperson, Liberal Arts degree program, Professional and Technical Communication, organized and was moderator for a panel entitled "Film Study in Its Social Context" at the Sixth International Conference on Culture and Communication. The conference was held in Philadelphia and the panel was comprised of five scholars.
- **Dr. Edward G. Schilling**, chairman, Center for Quality and Applied Statistics graduate program, delivered this fall's Youden Address on "Design of Experiments." He spoke Oct. 23 at the Fall Technical Conference of the American Society for Quality Control's Chemical Process Industries Division, held in Charlotte, N.C.
- **Peter Giopulos**, associate dean, College of Fine and Applied Arts, recently served as chairman of a workshop on renovation for the

National Association of Schools of Art and Design (NSAD) in Charleston, S.C. NSAD is the acknowledged accrediting agency for all U.S. schools of art and design.

- **Dr. Barbara Hodik**, assistant dean for degree programs, College of Liberal Arts, has been invited to serve on the United Way of Greater Rochester's Allocations Committee. The committee is responsible for determining the distribution of funds to 93 local participating agencies.

## CALENDAR

**Dec. 5-sports:** Men's hockey vs. Potsdam, 7:30 pm., Frank D. Ritter Ice Arena

**Dec. 5-sports:** RIT Invitational Wrestling Tournament, 1:30 p.m.

**Dec. 7-sports:** Harold Brodie Basketball Tournament Consolation at 1 p.m., Championship at 3 p.m.

**Dec. 7-Mass:** Bishop Matthew Clark will celebrate his annual campus mass in the Allen Chapel of the Kilian J. and Caroline F. Schmitt Interfaith Center, 11 a.m.

**Dec. 11-lecture:** "The Constitution Today: A Framework for Domestic Tranquility?" presented by Theodore Lowi, Gannett Professor, as part of the year-long series sponsored by the College of Liberal Arts, 7:30 p.m., Webb Auditorium, Frank E. Gannett Building

**Dec. 13-film:** "Einstein on the Beach," a science fiction opera by Philip Glass, including live talks by director Mark Obenhaus and Gerald Jonas of *The New York Times*, 7:30 p.m., Webb Auditorium, free

**Dec. 13-Holiday Luncheon & Auction,** RIT Women's Club will sponsor a holiday auction of homemade items and baked goods starting at 10:45 a.m. Items such as holiday ornaments, wreaths, loaves of specialty bread and other holiday foods may be donated. Lunch will be served at noon. Cost is \$10 per person. Reservations by Dec. 5 to Mary Rinehart at 461-9350. All proceeds go to the RIT Women's Club Scholarship Fund.

## Credit Union Lowers Rates for the Holiday

The Credit Union is giving its members an early holiday gift by reducing the interest rates on all loans.

Loan rates were reduced 1 percent on Nov. 12 and are effective through Dec. 19. As an added bonus the first payment is not due until January 30, 1987, said Richard Pettinger, executive director for the Credit Union.

"It's a thank you to the members for a good year," he said.

The special rates are:

- \*New car loan: 9.5 percent
- \*Used car loan: 11.5 percent
- \*Home improvement: 11.5 percent
- \*Home equity: 11 percent
- \*Personal loan: 12.75 percent.

Loan applications can be filled out at the Credit Union with Pat, Linda, Pia or Dick.

## PERSONNEL UPDATE

The passage of the Tax Reform Act has given rise to a number of questions from employees regarding their Supplemental Retirement Annuities (SRAs). The following information has been abstracted from the October 1986 issue of TIAA/CREF's publication, *Counselor*, and should be helpful in understanding the impact of tax reform.

Under the new law, SRA withdrawals will become restricted and subject to an excise tax (penalty). These changes will become effective on a phased-in basis according to the law's schedule.

Those who have been using their SRA accounts primarily as a retirement savings vehicle and who plan to draw upon their benefits as an annuity upon retirement will generally not be affected by the additional restrictions imposed by the Tax Reform Act.

Employees who have been using SRAs as a short-term savings account (i.e., for other than retirement purposes) and plan to make withdrawals could be affected. Between Jan. 1, 1987, and Dec. 31, 1988, withdrawals from SRAs are possible. However, if they are early withdrawals made before the participant reaches age 59½, they will generally be subject to an additional 10 percent excise tax. This penalty will be in addition to the regular income tax imposed on distributions. There is no 10 percent tax if the distribution results after the participant's separation from service after attainment of age 55 and on account of early retirement.

After Dec. 31, 1988, SRAs will be cashable prior to age 59½ only in situations of death, disability, separation from service, and hardship. Hardship withdrawals will be limited by IRS regulation and may be made only from contributions, not earnings on contributions.

The 10 percent tax may apply to withdrawals for any of the above reasons, depending upon circumstances.

SRA participants who are considering a cash withdrawal should evaluate the effect of a withdrawal prior to the end of 1986, when they may be taxed at a higher rate, as opposed to after Jan. 1, 1987, when the additional tax will apply but tax rates may be lower.

Some SRA owners may be able to "roll over" all or a portion of their accumulations to an Individual Retirement Account (IRA). The Tax Reform Act does not change accessibility of an IRA fund but does continue the 10 percent penalty on withdrawals before age 59½. In 1986, partial rollovers to an IRA can be made within 60 days of the distribution as long as the participant withdraws at least 50 percent of the contract accumulation. Beginning in 1987, it will generally be necessary to separate from service before an IRA rollover is permitted.

The new tax laws do have an effect on all tax-deferred annuities, such as TIAA/CREF SRAs. Although neither the Personnel Office staff nor TIAA/CREF can recommend action about withdrawals, faculty and staff employees may contact Chuck Hayes (-2428) or Charmel Trinidad (-6997) with their questions. Alternatively, TIAA's toll-free number may be called at 1-800-842-2733.

## NEWS &amp; EVENTS

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