



Entering into the spirit of the ground breaking for the Center for Imaging Science with their multi-handled shovel are (from left) President Rose; James Shapiro of DX Imaging; student Wendy Rosenblum; and Bruce Bates, chairman of the Board of Trustees.

## Ground Breaking Signals Start Of Imaging Science Building

RIT will supply 80 percent of the imaging scientists needed by American industries by the year 2000, President Rose predicted at the ground breaking ceremony for the new Center for Imaging Science.

Before an audience of more than 400 industry representatives, government officials, members of the Nathaniel Rochester Society and guests, RIT officially began construction Nov. 4 of an \$8.5 million imaging science facility. When completed, the center will be the largest academic facility devoted to imaging science in North America.

"This building represents a major strategic thrust forward for RIT," Rose said. "A building is only as important as the program it houses, and today we celebrate a program that is unique in the United States."

James Shapiro, an RIT trustee and president of DX Imaging, noted that RIT is well-positioned to be an imaging science leader, since it is the only university in the country to offer both bachelor's and master's degrees in this new field. Surveys show that 80 percent of American companies will need imaging scientists by the year 2000.

The four-story building is scheduled to be completed in 1989. The project is being funded by contributions from industry, individuals and \$5.6 million of an \$11.1 million federal grant.

Bruce Bates, president of the RIT Board of Trustees, called the building another example of "a tradition of partnership at RIT. This partnership includes students, faculty, administrators, volunteers, industry, government and international friends."

## New Emergency Phones Available

Ten emergency telephones have been installed on campus, offering a direct line to Campus Safety 24 hours a day.

Leslie Scoville, director of Campus Safety, said the new phone system will provide assistance to persons who are in need of an escort, have been locked out of a building, have observed suspicious conduct or have been victims of a crime.

A person can use the phone by opening the telephone box and pushing the red button. The system automatically dials the Campus Safety Communication Center's phone, and the location of the caller is noted. If a telephone is activated and the Communication Center does not receive a response from the caller—for example, if the caller is hearing impaired—then a Campus Safety officer will be immediately sent to the origin of the call.

"We are pleased to provide this additional service to the RIT community and hope everyone will become familiar with the system," Scoville said.

The phones, which were installed by Telecommunications, are located at the north power wing doors of the College of Engineering (Gleason); the breezeway between the buildings of the College of Graphic Arts and Photography (Gannett) and the College of Fine and Applied Arts (Booth); the College of Business (Lowenthal) outside the main east entrance doors; Ross Memorial on the east side at the first set of entrance doors; outside the main entrance doors of Wallace Memorial Library; at the entrance between the Ice Rink and the auxiliary gym (circle side); outside the north main entrance doors of the Lyndon B. Johnson Building; 50-C Wing on Peterson Hall by the C-West fire gate, and the Physical Plant Building outside the main lobby.

The new Center for Imaging Science, when completed, also will have an emergency phone.

The phone locations are marked on the Campus Safety parking guides.

## Day of Events Scheduled For Dean's Installation

Lillian Schwartz, who determined that the Mona Lisa is actually Leonardo da Vinci's self-portrait, will be keynote speaker, Dec. 4, for the installation of Edward C. McIrvine as dean of the College of Graphic Arts and Photography.

McIrvine's installation in Ingle Auditorium will include a day-long symposium on "The Changing World of Imaging," featuring Schwartz, a computer graphics consultant with Bell Laboratories.

The symposium also will feature V.V. Raman, professor of physics in the College of Science, and Donald Wilson, assistant professor of management in the College of Business.

The program begins at 9 a.m. with Raman's talk, "Reflections on Light," followed by Wilson's discussion, entitled "Technology Management: Who's in Charge Here?" Schwartz's talk on "Digital da Vinci—How I Identified the Mona Lisa" will begin at 11 a.m.

Schwartz received international headlines this year when she wrote in the January 1987 issue of *Art and Antiques* that a computer analysis showed that da



Computer graphics expert Lillian Schwartz used this computer model of Leonardo da Vinci to determine that the Mona Lisa, his most famous portrait, is actually a self-portrait.

Vinci's model for Mona Lisa was the artist himself.

"[Computer] art is not going to replace traditional art," she told *New Jersey Monthly*, "but the excitement for me is that you can create new imagery that's never been seen before. Originally, you couldn't use a computer without sitting next to a computer scientist. Today the computer screen can be your sketch pad."

The installation ceremony will start at 2 p.m. with President Rose and Thomas R. Plough, provost and vice president for academic affairs, presiding. McIrvine will discuss "The Unity of Imaging."

## 'Change' Was Topic of Interest At Printing's 50th Anniversary



Noted British author and journalist James Burke (left) talks with Miles Southworth, director of the School of Printing Management and Sciences, and David Pankow, assistant professor, who arranged Burke's keynote address celebrating 50 years of printing education at RIT.

One thing is certain about change; it will occur, like it or not.

That was the common message behind a series of special events celebrating the 50th anniversary of the School of Printing Management and Sciences, Nov. 5-6.

More than 500 students, faculty, alumni and industry representatives heard featured speakers discuss change in scheduled presentations, panel discussions and speeches. Among those attending were top executives from the school's Industry Advisory Board and trade journal editors from *Printing Impressions*, *American Printer* and *Graphic Arts Monthly*.

Coordinated by David Pankow, curator of the Melbert B. Cary Jr. Graphic Arts Collection, the anniversary celebration was orchestrated to herald the past and welcome the future. Beginning with the premiere of a custom video on printing education at RIT and culminating with a speech by noted British author and

journalist James Burke, the event focused on the school's proven ability to adapt to the rapid changes in printing over the past 50 years.

Assistant Professor Frank Cost set the tone when he talked about who wins and who loses when new technology replaces old. "Fear of change sparks opposition to change," said Cost, warning a full audience in Webb Auditorium to watch out for missed opportunities. "We are in the midst of another great revolution. Whereas printing democratized the consumption of writing, desktop publishing promises to democratize its production."

"Resistance to new technology can be seen all the way back to Gutenberg's invention of the printing press in 1450," said keynote speaker James Burke, who demonstrated his talent for relating dry

*Continued on page 2*





A festive 50th anniversary banquet was the setting for the presentation of the first annual Mark Ellingson Printing Alumni Award, which went to Professor Emeritus Alexander Lawson (far right) who recently completed a 500-page book on the history of printing at RIT. Joining Lawson are (left to right) I. Gregg Van Wert, chairman of RIT's National Printing Alumni Association; President Rose; and former RIT President Mark Ellingson.

## Printing's 50th...

Continued from page 1

subjects in interesting terms in a speech titled "Mechanisms of Change: Do Lemons Whistle?" Burke, who wrote, produced and presented the prize-winning series "Connections" on PBS, deals with printing as one of the world's key developments in his latest series and book, *The Day the Universe Changed*.

Successful printing students will not only manage change but create it, according to an industry panel discussion moderated by RIT graduate Art Gardner, editor and publisher of *Graphic Communications World*. "There is a critical difference between managing and leading," said

William Hohns, executive vice president of Waldman Graphics, one of the world's largest typographic firms. "If you're going to lead, you desperately need communications skills and the ability not only to solve problems but to find them."

An anniversary banquet hosted by Miles Southworth, director of the School of Printing Management and Sciences, marked the release of a 500-page book on the history of the School of Printing, written by Professor Emeritus Alexander Lawson. I. Gregg Van Wert, national chairman of the RIT Printing Alumni Association, presented Lawson with the first annual Mark Ellingson Award, named after former RIT president Mark Ellingson, who brought the school of printing to the Institute in 1937.

## Goudy Lecture Topic: Graffiti



Goudy Award winner Charles Bigelow, a digital type design expert from Stanford University, explains the intricacies of creating new letterforms at a meeting with graduate students in the School of Printing Management and Sciences.

The future of type design can be found on the subway cars of New York City and the brick walls of a barrio, Charles Bigelow told an audience of typographers, calligraphers, graphic artists, and printers at the 1987 Frederic W. Goudy Distinguished Lecture in Typography.

Bigelow, a digital type design expert known for his creative and scholarly work in computerized design and typography at Stanford University, is the 19th recipient of the prestigious award presented annually by the School of Printing Management and Sciences.

In a Nov. 6 lecture, "Evolution of Letterforms," Bigelow said the work of graffiti artists may be the best inspiration for change.

"Although many people don't like it, especially among disadvantaged teens in the ghettos, we see a tremendously rich and varied calligraphic tradition," Bigelow said, using visual images to support his views. "The variety of the letters, the complexity of the styles and the personal expression are much more than anything I've seen in my design students' classes."

While the increased use of letraset and desktop publishing makes typography

more accessible, it reduces the need for changes in letterforms, Bigelow said. Design schools focus on use rather than creation of type, and grammar schools no longer emphasize handwriting.

As a result, Bigelow advises typophiles to take a closer look at graffiti. "I see among the outlaw teens of the world a great deal of ingenuity which may be used to form the letter design of the future."

Among Bigelow's many projects is his involvement in a Stanford University computer system that imitates how people write. An associate professor of Digital Typography at Stanford, he is also a partner in the design studio of Bigelow and Holmes. His typeface designs, made in collaboration with Kris Holmes, include Lucida, an extended family of serif, sans-serif, Greek, scientific and linguistic alphabets originally designed for laser printing and recently adopted by *Scientific American*.

As part of the 50th anniversary celebration of the School of Printing Management and Sciences, this year's Goudy Award was coordinated by Dr. Mark Guldin, Melbert B. Cary Jr. Professor of Graphic Arts.

## T&E Center Schedules Conference

The "5 Ms"—five major sources of variation and their impact on quality improvement in the graphic arts industry—will be the focus of RIT's second annual conference on quality and productivity.

"Quality and Productivity in the Printing and Publishing Industries" will take place June 6-8, 1988, at the T&E Center, according to John Compton, conference co-chairman and a professor in the Department of Imaging and Photographic Technology.

"Presentations will be organized around the five critical sources of variation: materials, machines, manpower, methods and measurement," Compton said.

"Participants will learn to reduce variation in these crucial areas to boost quality and, ultimately, productivity."

Added to the program this year will be a number of sessions directed specifically at the packaging industry.

For more information about the conference or to register, call the T&E Seminar Center, -2757.

## Moving Novel, Or Novel Move?

How would you like to get your hands on some good books? Consider joining about 40 students, faculty and staff who need to relocate books from one area of the Wallace Memorial Library to another on Nov. 21 and 22, between 9 a.m. and 5 p.m.

Refreshments and first aid will be provided to all participants. For more information, contact Lois Goodman at -2561.

## Time to Deck the Union

The College-Alumni Union staff will sponsor their annual holiday decorating party, "Deck the Union," from noon to 6 p.m., Dec. 3, in the College-Alumni Union.

Faculty, staff and students are invited to help kindle the holiday spirit by decorating a tree in the union lobby. You can bring an ornament for the RITree or help put up the ones provided. Holiday music, carol singing, a visit by the kids from Horton Day Care and Santa Claus, and refreshments will be part of the festivities.



## Win This and Go Far

A raffle drawing, featuring a trip to Aruba for two, will be made on Dec. 12 at 7:30 p.m., during the RIT-Oswego hockey game. The prize, donated by DiMaria Travel, includes first-class airline and hotel accommodations.

The raffle was organized to support the building of the Campus Life Center. Price per ticket is \$2 or three tickets for \$5, and may be purchased from any department in Student Affairs. Last year's raffle raised \$4,000 for the construction of the center.

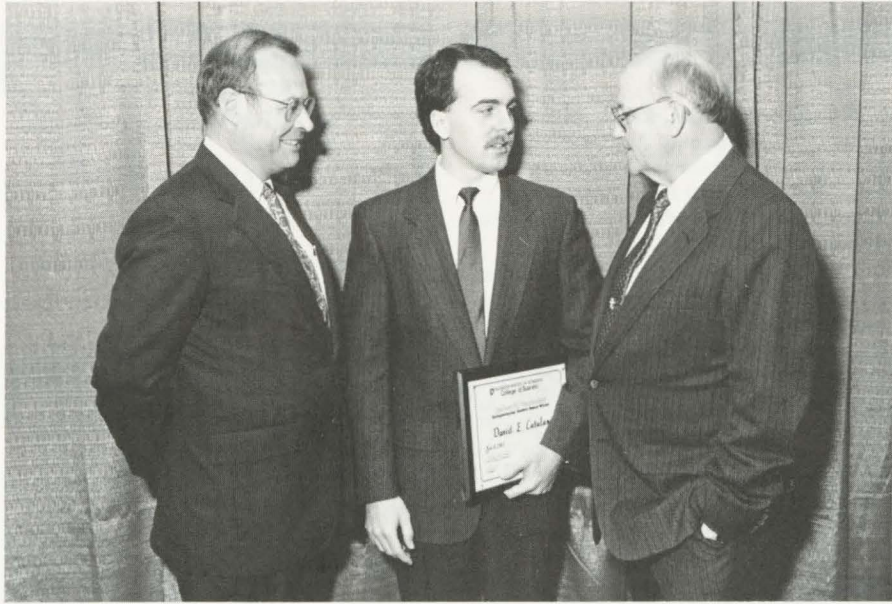


A DISTINGUISHED PARTY... The Office of Cooperative Education and Placement celebrated its 75th anniversary the week of Nov. 2-6 with a birthday party in the College-Alumni Union, complete with music, balloons and cake. Local government officials, including (left to right) Assemblyman Gary Proud, former county executive Lucien Morin, and Assemblyman Jim Nagle, joined in the festivities with co-op director Beverly Gburski. Morin and Mayor Thomas Ryan presented a joint proclamation to President Rose, naming the week in honor of cooperative education.



INDUSTRIAL DESIGNERS LET IT FLY... Hanging from the ceiling of the new industrial design studio in the School of Art and Design is a bevy of flags representing the personal heraldry and creativity of 35 juniors in industrial design. The innovative three-week project was assigned by Doug Clemishaw, lecturer in the School of Art and Design. "A flag is a two-sided graphic problem," says Clemishaw. "I wanted the students to use new materials as a design medium and to deal with issues such as transparency and the left-to-right or right-to-left reading, while exhibiting personal style and flair."





Dave Catalano, center, the 1987 Herbert W. VandenBrul Student Entrepreneurial Award winner, receives congratulations from the award's creator, Herbert W. VandenBrul, right, and Dr. Walter McCanna, dean of the College of Business.

## Co-op Leads Student To New Business, Award

When Dave Catalano began his co-op assignment last year, he had no idea it would lead to a new business venture or to the 1987 Herbert W. VandenBrul Student Entrepreneurial Award.

Now Catalano expects his company's first dental products to be on the market in February—about 10 months before he graduates from the College of Business. The fourth-year finance student is also \$500 richer because of the astute business plan he created for the new company.

The plan, reviewed by a faculty committee within the College of Business and venture capitalist Herbert VandenBrul, was the key to Catalano's winning the student award and \$500. The \$500 is made possible through an endowment fund established by VandenBrul. The annual award, established in 1984 as a companion to the Herbert W. VandenBrul Entrepreneurial Award, is open to all RIT graduate and undergraduate students.

"We're happy to honor and encourage such an enterprising student as Dave Catalano," said Walter F. McCanna, dean. "It's exciting for us to see a bright student apply business theory immediately in his own venture."

## Printing Alumni Fund New Program

A working scholar program to support promising graphic arts students at RIT has been established by the Big Apple Division of RIT's Printing Alumni Association.

Students chosen as working scholars hold paid, career-related positions at the T&E Center. The program enables outstanding students to gain valuable work experience while financially supporting their educations.

The first Big Apple Printing Alumni Working Scholars are William V. Bianco, a printing student, and Kerrie A. Thomas, a graphic design student. Bianco is a web press assistant at the T&E Center, and Thomas is a mechanical artist for T&E publications.

"This type of support from RIT graduates is a strong demonstration of the value they place on their education," said Herb Phillips, director of the T&E Center, "and the method of funding produces benefits not only for the student scholars, but for industry as well."

Funds to establish the program came from a series of 10 seminars for graphic arts professionals given this summer at sites in New York, New Jersey and Connecticut by the Big Apple Division and the T&E Center.

The Big Apple Printing Alumni Working Scholar Program is part of the umbrella RIT Working Scholar Program, established this spring as a vehicle for business and industry to support high-achieving students in the graphic arts.

As Catalano tells the story, a great deal of coincidence surrounded his involvement with the company, Bondaire Technologies Inc., begun by Rochester dentist Richard Herbison.

Catalano met Herbison while working for Seneca Computer Systems of Geneva on co-op. Catalano, who was demonstrating a computer software package to the dentist, discovered Herbison had additional computer needs. Herbison had an invention with a patent pending and needed to store additional data. In a short time, Herbison hired Catalano to do market research on the new piece of equipment. "We started talking; I was impressed with him and offered him the project," Herbison said.

Surveying dentists in Rochester and Portland, Ore., Catalano discovered a potentially strong market for the product—a cartridge that helps dentists improve bonding of materials, such as those used in fillings. Excited, Catalano offered to create the business and marketing plan for the young company.

Herbison quips that Catalano "has the right genes to be a businessman" as he describes the young entrepreneur's "skillful" and "shrewd" negotiations with potential manufacturers of the cartridge. "He's taken what he's learned in school and applied it."

## Vets Group Selling Xmas Trees on Campus

The Thanksgiving turkey hasn't been cooked yet, but the Veterans Association is already thinking Christmas.

To raise money for its Emergency Book Loan Fund for veterans, RIT's Veterans Association will begin selling 200 tickets for Christmas trees beginning Nov. 16.

According to Gene Clark, director of Veterans Affairs, this is an opportunity to help students pay for books and to serve RIT employees by offering trees below expected prices.

"The Emergency Book Loan Fund was designed to help veterans and their dependents afford books when they may have had to withdraw from RIT because they didn't have enough money," said Clark. "The program has successfully helped veterans for the last seven years. About \$1,500 a year is borrowed to cover course books and supply requirements."

A variety of trees, including Douglas firs, Colorado blue spruces and scotch pines, will be offered ranging from \$25 to \$35. Trees purchased may be picked up on campus from 2 to 6 p.m., Dec. 3 and 4.

## Steinway Commissions Castle For Project on a Grand Scale

Wendell Castle, artist-in-residence in the School for American Craftsmen, has been commissioned to create a landmark piano marking the 500,000th piano produced by Steinway & Sons: a nine-foot Steinway Model D concert grand.

The piano will include the inlaid signatures of hundreds of the world's finest concert pianists. It is expected to travel throughout Europe after its unveiling at Carnegie Hall next spring at a benefit concert for the Steinway Foundation.

With the help of at least two assistants, Castle will work full time for four months to create the piano case and bench out of ebony, holly and other rare woods.

This is the third commemorative concert grand commissioned by Steinway. The first, the 100,000th piano, was completed in 1903 and was specially designed for the White House and presented to the American people during the administration of Theodore Roosevelt. It is on display in the Smithsonian Institution in Washington, D.C.

The second White House Steinway, the company's 300,000th piano, was presented as a gift to the nation in 1938 during the presidency of Franklin D. Roosevelt and is on view in the East Room of the White House.

"This is one of my most honored and historic commissions. Steinway is as

committed to making the world's finest pianos as I am committed to making the world's finest furniture," says Castle. "In adding to the Steinway legacy, my job is to create an exceptional piano while maintaining the integrity of its sound."

"This piano will be a tribute to the exacting standards of quality and painstaking attention to detail inherent in the manufacture of each instrument," says Bruce Stevens, president of Steinway & Sons.

Castle, one of the world's leading furniture artists, has been working closely with Steinway's expert technicians to consider the effects of his artistry on the instrument's final sound.

The piano will weigh approximately 1,700 pounds and will be shipped on its side in a special crate to New York City in a temperature- and humidity-controlled van. It will then be tuned, voiced and prepared in the weeks prior to its debut.

"Tuning a piano like this is extremely complex," says Castle. "The strings have 40,000 pounds of pressure created by the tension wires, and it takes approximately six months for the piano to adjust to this pressure."

More than 90 percent of the solo pianists performing with major symphony orchestras play on a Steinway. Steinway & Sons was founded in 1853.

## Productivity Funds Encourage 'Distance Delivery' of Lessons

In announcing the availability of productivity funds this year, Dr. Thomas R. Plough, provost and vice president for Academic Affairs, emphasized that one of the strategic goals of the Institute is "to develop ways to deliver instruction to students where they work and live, rather than to bring people to classes on campus."

This emphasis on instructional programs for distance delivery continues the momentum begun by projects funded during the past year.

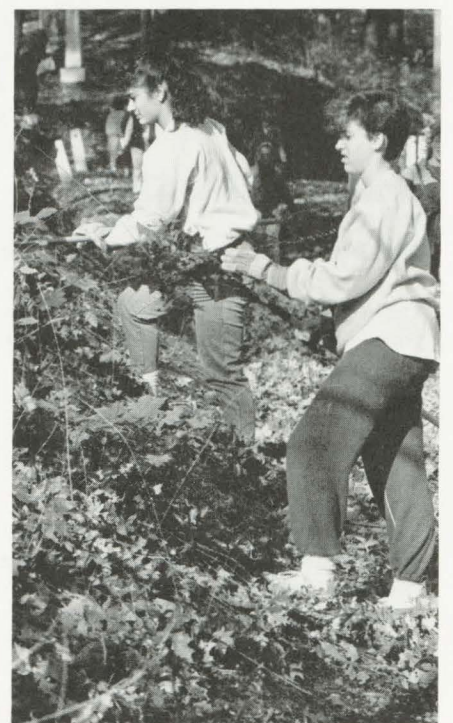
Betty Conley and Dr. Lynda Rummel received funds to develop a telecourse in communications, part of the required core curriculum for the associate and bachelor's degree programs in the College of Continuing Education. Conley coordinated the production of five video lessons, an audiotaped "listening" module and written materials to be added to a purchased video series, "Writing for a Reason."

Telecourse enrollment climbed from 56 students in 1980 to more than 800 students last year, evidence of the need for flexibility offered by telecourses. The Vax Notes system, which was developed under a Productivity Grant last year, will be used in this course, also.

The School of Engineering Technology received funds to create an instructional system for delivering a course in circuit theory to students enrolled in extension courses in Jamestown. Using a telewriter the instructor can deliver a lesson from RIT with two-way, simultaneous oral and written communication with the class in

Jamestown. Joseph Nairn, now director of Part-time Enrollment Services, initiated the project, which will be taught by Professor James Reynolds. The instruction includes videotaped lectures and a textbook prepared by Reynolds.

Applications for the productivity funds for this year have been sent to all faculty. Dr. Edwin Hoefer, chairman of the Institute Committee for Funds Related to Productivity, introduced a simple, three-question form for proposal ideas. Members of the committee will respond to these idea forms and help grant seekers prepare their proposals. For more information concerning these projects or applying for funds, contact Hoefer, College of Science, or Joan Green, Instructional Media Services.



COMMUNITY SERVICE IN THE CEMETERY...Mt. Hope Cemetery got a Halloween treat when about 100 RIT students gathered to spruce up grave sites on Oct. 31. The volunteer project was coordinated by the Community Services unit of the Division of Student Affairs.



## NEWSMAKERS

At the request of the National Science Foundation, **Margaret Reek**, assistant professor, School of Computer Science and Technology, recently participated as a grant proposal reviewer for the College Science Instrumentation Program.

**Don Kreher** and **Stanislaw Radziszowski**, assistant professors in the School of Computer Science and Technology, published an article recently on "Search Algorithm for Ramsey Graphs by Union of Group Orbits" in the *Journal of Graph Theory*, Volume II, Number 2 (1987).

**Steve Loar**, assistant professor in foundations, School of Art and Design, recently exhibited his "Post-Melvin Bud Bowl No. 2" at the Turned Objects show at Kipp Gallery, Indiana University in Pennsylvania.

**Dr. James F. Burke**, associate professor, School of Food, Hotel and Tourism Management, has been appointed chairman of the awards committee of the Travel and Tourism Research Association. The committee awards scholarships and stipends to graduates and undergraduates who conduct outstanding research in travel and tourism.

Burke also presented workshops on "Developing a Tourism Marketing Plan" and "Opportunities and Obstacles for Successful Tourism Development" at the sixth annual Governor's Conference on Tourism in Caribou, Maine.

He discussed "Resort Management: Opportunities and Access" at the National Recreation and Parks Association Congress in New Orleans, La., and gave a presentation on "Ten Ways to Measure Advertising Effectiveness" at the National Conference of the Travel Industry Association of America in Reno, Nev.

**Dr. Robert Morgan**, associate professor of art history, recently presented a paper on "The Exhibition Catalog as a Distancing Apparatus" for the International Critics Association, American Division, at Paine-Webber Associates in New York City. Morgan also had two articles published in *Arts* magazine: "The Spectacle in Time: A New Look at Art and Technology" (Oct. 1987) and "American Sculpture and the Search for a Referent" (Nov. 1987).

**Dr. J.P. Lewis**, NTID, Department of Liberal Arts, presented a paper titled "Americanizing Rochester's Immigrants: The Influence of 'Old' Immigrants upon the Public and Parochial School Programs at the Turn of Century" at the annual meeting of the History of Education Society of Columbia University in October.

**Albert Paley**, artist-in-residence in the School for American Craftsmen, recently presented a lecture at the American Craft Council Southeast Conference on "Craft in the '80s — The Medium and the Market." The conference was held at Arrowmont School of Arts and Crafts in Gatlinburg, Tenn.

Paley also lectured about his metalcrafts work for students in architecture, urban planning, design and art at Iowa State University in Ames, Iowa.

**Andrew Davidhazy**, chairman, Department of Imaging and Photographic Technology, made a presentation on "Strip, Streak and Scanning Photographic Systems" at a seminar on High-Speed Motion Analysis-Systems and Techniques at the University of Wisconsin in October.

**Carl "Skip" Battaglia**, associate professor, Film and Video Department, is one of 20 international filmmakers who participated in an international animated project, "The Academy Leader Variations." This short film was featured at the New York Film Festival and will be included in the 20th Tournée of Animation.

**Dr. Norman Coombs**, professor of history, College of Liberal Arts, and **Dr. Adele Friedman**, professor and chairperson, NTID Department of Liberal Arts, presented a paper on "Computer Conferencing and Electronic Mail as Classroom Communication" at the Third Annual Conference on Contemporary Applications of Computer Technology. The conference was held at California State University, Northridge, in October.

### Bevier to Glow In Neon Show

Nationally recognized neon artist Richard Harned will exhibit an environmental kinetic light installation at the Bevier Gallery from Dec. 5-19.

Harned is "one of the country's major neon artists," says Michael Taylor, associate professor and chairman of the glass program in the School for American Craftsmen. Harned is also president of the Glass Art Society.

The artist will use the entire gallery for his 64-foot conceptual installation in neon and glass.

## 'Techmila' Orders Accepted Now

The staff of Techmila, RIT's award-winning yearbook, is accepting orders now for the 1987 edition. The cost for faculty, staff and RIT departments is \$18.50.

"A yearbook is a perfect way to show someone what RIT is all about," says Tony DeMaria, editor-in-chief. "You may even be in it."

DeMaria encourages RIT faculty and staff to use the yearbook to describe RIT to colleagues and to make it available for reading in department waiting rooms.

## Save Up for Crafts

The latest craft creations of undergrad and grad students in the School for American Craftsmen will be available at the "Holiday Crafts Sale," Dec. 10-12 in the lobby of the College-Alumni Union.

Items ranging from traditional to contemporary jewelry, glass, ceramics, woodwork and weaving will be on sale at reasonable rates, according to Andy Wu, sale coordinator and second-year graduate student in metalcrafts and jewelry.

All RIT staff, faculty and students are welcome to purchase these items from 9 a.m. to 5 p.m.

A limited number of 1986 yearbooks are still available, but extra copies will not be offered for the 1987 edition or any future issues.

To reserve a yearbook, call the Techmila office at -2227. Orders should be placed immediately.

## Sign Up for Sign

Upcoming sign language and simultaneous communication courses and seminars are scheduled to run from Dec. 7, 1987 to Feb. 12, 1988.

Courses to be offered include: Survival Sign/Simultaneous Communication; Basic Sign Communication I; Basic Sign Communication II; Basic Sign Communication III; Basic Review; Basic Conversation; Fingerspelling and Numbers Practice; Intermediate Sign Communication: Receptive; Intermediate Sign Communication: Expressive; and Simultaneous Communication for Public Speaking.

Seminars to be offered include: Effective Facial Expression & Body Language; Practicing Appropriate Sign Choice; and Comprehension Practice for ASL.

For further information, call -6497.

## CALENDAR

**Nov. 19 to 29**-Fall/Winter Break

**Nov. 20**-Women's Hockey, McMaster, 12:15 p.m.

**Nov. 24**-Evening/Saturday and Graduate Student Registration

**Nov. 25**-Annual Thanksgiving Buffet, 11 a.m.-1:30 p.m. Clark Dining Hall, \$6.25

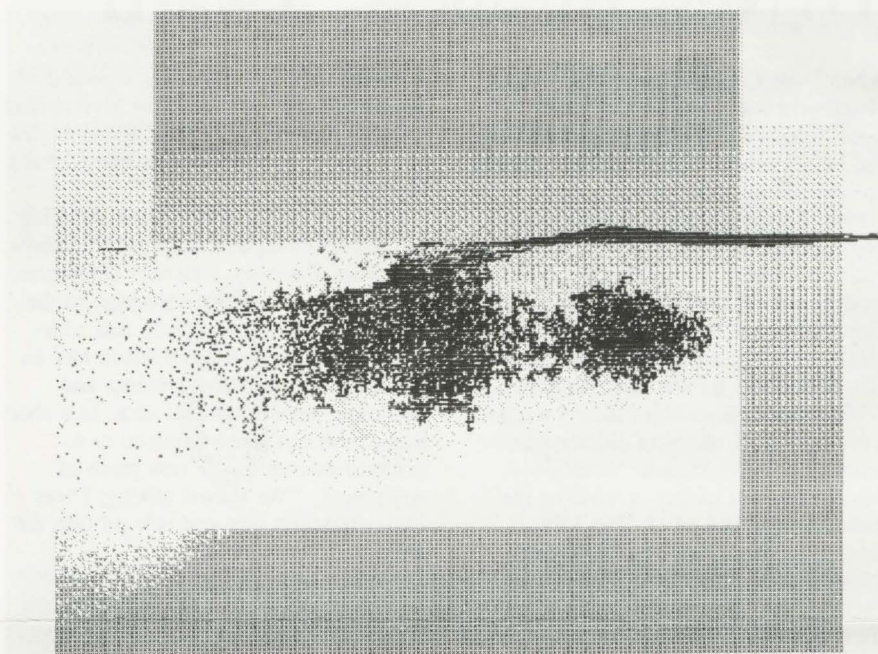
**Nov. 30**-Day College Open Registration

**Dec. 1**-Day and evening classes begin

**Dec. 4**-Wrestling, RIT Invitational, 1 p.m.

**Dec. 4**-Men's Hockey, RIT vs. St. Bonaventure, 7 p.m.

**Dec. 5**-Saturday classes begin



"CONTEMPORARY TRADITIONS,"...computer graphic prints and oil paintings by Michael Voelkl, is on display at the NTID Switzer Gallery through Wednesday, Nov. 27. Gallery hours are Monday to Friday, 8:30 a.m. to 4:30 p.m. Voelkl, assistant professor of applied art at NTID, earned his bachelor of fine arts degree in painting and master's degree in art education at RIT.

# NEWS & EVENTS

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