

NEWS & EVENTS

Rochester Institute of Technology

Vol. 13, No. 38, December 3, 1981

Florman to Speak On Technology

Samuel C. Florman, a civil engineer who also has a master's degree in English literature, will give the next lecture in the Institute Forum series. Florman's speech, "Blaming Technology," will deal with the relationship of technology to the general culture. It will be given at 7 p.m., Thursday, Dec. 10, in Ingle Auditorium.

Florman, an owner and vice president of the Kreisler, Borg, Florman Construction Co. of Scarsdale, has written more than 50 magazine articles and three books: *Engineering and the Liberal Arts*; *The Existential Pleasures of Engineering*, and *Blaming Technology: The Irrational Search for Scapegoats*.

Florman received his bachelor's and civil engineering degrees from Dartmouth College and his master's degree in English literature from Columbia University. A New York State licensed professional engineer, Florman is a Fellow of the American Society of Civil Engineers and a member of the New York Academy of Sciences and several other professional societies.

The Institute Forum lecture is open to the public; there is a \$1 admission fee.

Prepare to Dye

Gather everything you can find that's orange and head for the Frank Ritter Memorial Ice Arena next week for the second annual "Orange Mania."

Coach Brian Mason's hockey team plays Elmira, Saturday, Dec. 12, at 7:30 p.m., in the annual "Orange Mania" promotion. In addition to what should be an exciting ice contest, special give-aways and door prizes will highlight the evening of orange. All spectators attired in orange will be admitted free of charge and become eligible for cash prizes for best costumes.



From left, Dr. George Georgantas, head of the Mathematics Department; Derek Brink; Dr. Earl Krakower, head of the Chemistry Department; Brian Smith, and Dr. John Paliouras, dean of the College of Science.

John Wiley Jones Award Bestowed

The 1981 John Wiley Jones Award has been given to Derek Brink and Brian Smith of the College of Science. The award is given annually to two outstanding RIT science students.

A Dean's List student, Brink is a fourth-year applied mathematics major planning to graduate with a BS degree in May 1983. He is a member of Phi Kappa Phi Honor Society; a notetaker for NTID; a member of the Student Hearing Board and Deans' Advisory Council; and a member of the RIT Jazz and Pep bands.

Smith, a senior majoring in chemistry and a Dean's List student, plans to graduate in May 1982 with a BS degree. He is president of the local chapter of Alpha Chi Sigma, the professional chemistry fraternity; a student member of the American Chemical Society; and reci-

ipient of the American Chemical Society Undergraduate Analytic Chemistry Award.

A certificate and cash award were presented to both students by Dr. John Paliouras, dean of the College of Science.

The John Wiley Jones Award is presented by the College of Science and funded by Jones Chemicals, Inc., Caledonia. The award honors John Wiley Jones, company founder and chairman of the board, and is a tribute to his career in the chemical industry and his interest in science education. Jones is an honorary RIT trustee who endows the John Wiley Jones Symposium, the Helen Lucille Jones Scholarship Fund for art students, and the William D. Gasser Distinguished Lectureship in Business.



At the recent Nathaniel Rochester Society (NRS) reception for new members, Herbert Jarvis (left), Frederick Ray—both RIT trustees—and Ann Ray enjoyed a moment on the porch at Liberty Hill, home of President and Mrs. Rose. Ray is NRS chairman and chairman of the board, president and chief executive officer of Rochester Savings Bank. Jarvis is president and chief operating officer of Sybron Corp.

SAC Sale Soon

If one-of-a-kind, hand-crafted holiday gifts are your idea of good giving (and receiving), mark your calendar to attend the annual School for American Craftsmen Christmas sale.

This popular show and sale of student work in glass, ceramics, fiber, metal and wood will be held on Thursday, Friday and Saturday, Dec. 10, 11 and 12 in the College-Alumni Union from 9 a.m. to 5 p.m.

You can expect to select from an abundant variety of ceramic mugs, bowls, tree ornaments, and art objects; wooden wine and spice racks, decorative mirrors, picture frames, chimes; woven and printed scarves, clothing and rugs; batik and silk printed clothing; jewelry and other metal craft items; hand-blown glass vases goblets and other craft objects.



YOU ARE CORDIALLY INVITED



The annual RIT holiday party will be held on Friday, Dec. 18, from 8 p.m. to midnight at various locations on the campus. All activities—and there will be many—are free and open to the entire RIT community and family members. Enticing details will be forthcoming.

Tigers at Tournament: Did They Roar or Meow?

It's Lincoln First Tournament time! Coach Bill Nelson's cagers met Brockport in the opening round of the Lincoln First classic Tuesday, Dec. 1, at Brockport. A victory on Tuesday will put the Tigers in the semi-finals at 9 p.m., Friday, Dec. 4, against the winner of the Nazareth vs. Roberts Wesleyan game.

RIT will be seeking its fifth Lincoln First Tournament title. The Tigers last won the crown in 1979. Other teams competing in the tourney include University of Rochester, Geneseo, Hobart, St. John Fisher, Nazareth, Roberts Wesleyan and Brockport.



Members of adjunct faculty member Lee Lovenheim's CCE Understanding Stress class recently participated in a biofeedback demonstration conducted by Dr. Frederick Remington, area psychiatrist. Standing (from left to right) are: Gary Holdren, Jody Belcher, Mrs. Remington, Remington, and Lovenheim. Marinella Truelson is seated with the biofeedback equipment.

FROM THE PERSONNEL OFFICE:

This article is the fourth in a series explaining RIT's TIAA and CREF retirement annuity programs. In previous articles, we have discussed the basic program philosophies, characteristics and contribution limitations. Here we will address the service charges associated with the two annuity options.

As described earlier, the TIAA/CREF program has two distinct options, Regular Annuity and Supplemental Retirement Annuities (SRAs). The SRAs are cashable. Prior to January 1, 1982, all service charges associated with both programs have been levied on an up-front load-charge (UFLC) basis. **That is, as your contribution enters the program an admission charge is levied.** As you can see from the chart below, the load charges vary:

	Up Front Load Charge	
	Reg.	SRA
TIAA	3.5 %	4%
CREF	1.34%	2%

Beginning on January 1, the service charge for regular annuities will change to a balance-of-account charge (BOAC). The SRAs will reduce their UFLC percentage

and also will adopt the BOAC.

The BOAC method applies a service charge on all the money in your account, whereas the UFLC charges only new money going into the account. Refer to the chart below for service charge methods and rates that will go into effect on January 1.

These new charges will have little net effect on your TIAA/CREF accumulations while you are actively contributing to your annuity program. The major effect will be seen after you have stopped making contributions.

Several other important changes will be initiated on January 1 that will have an impact on your TIAA/CREF participation. To help all employees gain a better understanding of the TIAA/CREF programs and to review all January 1 changes in detail, the Personnel Office has made arrangements for RIT's institutional counselor—Doug Burnett, from New York City—to visit the Institute and give a series of presentations. **All meetings will be held on Wednesday, Dec. 9 in Ingle Auditorium. Meeting times will be 9 a.m., 11 a.m., and 3 p.m.** All RIT employees are urged to attend one of these meetings.

SERVICE CHARGES, January 1, 1982

	Reg.	SRA
TIAA	1/4 of 1% BOAC	1/4 of 1% BOAC + 1.5% UFLC
CREF	1/5 of 1% BOAC	1/5 of 1% BOAC + 1.5% UFLC

POLICY & INFORMATION

Administrative Committee and Deans Meeting 11/16/81 Met with the Priorities and Objectives Committee to discuss recommendations on faculty and staff renewal. Most of the discussion was on questions and problems related to implementation of the recommendations. Some of the concerns expressed: 1) horizontal growth should not be accepted as a substitute for **necessary** vertical growth; 2) providing Institutional opportunities should not be interpreted as removing individual responsibility; and 3) Institute support will be needed to fulfill the functional roles of individuals involved in growth activities outside their normal roles.

Received a report from the Ad Hoc Subcommittee of the Deans on the academic planning process. The process recommended to the president maintains the present college and division internal organizational vehicles and decision-

making procedures for planning with provision of a means for integration of these into strategic planning for the Institute. Included in the recommendations is the statement, "Major long-range policy proposals of the Administrative Committee of Vice Presidents and Deans which directly affect the faculty and the student body will be referred to the Policy Council for discussion before adoption by the President."

Policy Council Agenda for 12/9/81

1. Recommendations of the Priorities and Objectives Committee on faculty and staff growth for discussion and action
2. Proposed revisions in "W-Withdrawn" policy for discussion and action

Anyone wishing the source or additional information on any of the above, call 2527.

New Equipment At Resource Center

The Media Resource Center (MRC) has recently received "Talking Book" cassette and record players for use by eligible visually impaired RIT students. The equipment was obtained through the cooperative efforts of the New York State Library for the Blind and Shirley Grey, MRC supervisor.

Also, a new Porta Printer Plus (TTD) has been installed at the reference desk of Wallace Memorial Library.

Information about other special equipment, materials and information resources for disabled individuals may be obtained by calling Linda Karuth, 6123 (voice) or 2563 (TTD at the reference desk).

Seasonal Reminder From Purchasing

Purchasing reminds us annually of RIT policy on gifts and gratuities, a policy that applies to Institute employees and vendors.

"The acceptance of gifts by RIT employees, from any of its suppliers, in any form whatsoever, is prohibited. However, this policy is not intended to eliminate entirely ethical and traditional business related functions such as business lunches, nor does it preclude the giving of token personal mementos such as fountain pens, tie clips, etc. of nominal value. RIT employees, when considering business luncheons, should view this activity with a critical eye and whenever the needs arises, lunch receipts paid by the vendor should be on a reciprocal basis by the Institute. Business luncheons must be held to a minimum. If in doubt as to the possible propriety of any such exchange or activity, it should be rejected as contrary to our policy. In making this judgment, the ultimate criterion must not be whether the exchange or activity would influence an RIT employee in any way, but rather what appearance or construction might be placed on this action by a critical third party.

"Solicitation of a gift of any kind, or the acceptance of gifts in the form of cash, gift certificates in any amount, or the acceptance of entertainment is absolutely prohibited."

Any questions concerning this policy should be directed to Bill Batcheller, 2107.

NEWS & NEWSMAKERS

Dr. Robert H. Johnston, dean of the College of Fine and Applied Arts, was a participant in the International FOCUS Conference recently held at the Harvard Semitic Museum at Harvard University. The purpose of the conference was to find, organize, copy, use, and share endangered early photographic documentation for the preservation of the cultural heritage of the Middle East. Many important representatives attended the conference from the Middle East, including Ibrahim Kattan, chief justice of Jordan; Dr. Rogier Gregoire, of the Polaroid Corp., located in Boston; Dr. Nassir El-Din El-Assad, president of the Al Albait Foundation in Amman, Jordan and a member of King Hussein's staff; and Dr. Ajmad M. Abu-Hakima, from McGill University. Johnston, senior conservation officer for the Semitic Museum, presented two papers: "Recording the Vanished," on preserving and filming crafts and cultural traits that are disappearing rapidly in the Middle East, and "The Application of Xeroradiographic Techniques in Studying the Ancient Remains of the Middle East."

Johnston was an invited guest of the Aramco Corp. for a dinner while in Boston.

Dr. Barbara Hodik, associate professor in the College of Fine and Applied Arts since 1975, has joined the Office of Instructional Development, where she will be employed as a full-time instructional developer.

As a faculty member for the College of Fine and Applied Arts, Hodik taught photo design and art history. She was responsible for preparing a productivity grant to develop the new curriculum in art history for her college and coordinated that project. In addition, she has been a four-year member of RIT's Teaching Institute, a subgroup of the Institute Committee for Effective Teaching. Her new position as instructional developer began on December 1.

Bob Barbato, assistant professor of organizational behavior, had his recent paper selected for publication in a special volume entitled *Management by Japanese Systems*, to be published by Praeger Publications in June 1982. The title of his paper is "Quality Circles: Introducing and Diffusing an Innovation." The paper was delivered at the Japanese-U.S. Conference on Productivity in Lincoln, Neb.

A description of RIT's Employee Assistance Program (EAP) is included in a publication of the National Clearinghouse for Alcohol Information that will be used as a resource for programs to

help employees with problems. **James M. Papero**, associate director of personnel, wrote the EAP profile that will appear in *Target: Reaching the Hard-to-Reach Work Force With Alcoholism Programs*. In his account of the program, Papero reported that the Institute saved more than \$300 thousand from 1976 to 1977, EAP's first year of operation, because of decreased absenteeism, reduced workmen's compensation and health benefits payments and reduced employee turnover costs.

Proving that you can have too much of a good thing, the New York office of Young & Rubicam has been asked to curtail an advertising campaign for home equity loans by Manufacturers Hanover Trust because the campaign was so successful that Manufacturers was swamped with responses.

Michael Soluri of the School of Photographic Arts and Sciences did the photography for the ad campaign. The major ad featured many different types of homes, all located in the greater Rochester area. The campaign itself won an award for creative excellence in the Bank Marketing Association's Best of Print 1981 competition.

Max L. Lenderman, associate professor, School for American Craftsmen,

recently received the Distinguished Alumnus Award from Indiana State University. The honor, the highest that can be presented by the ISU Alumni Association, was given to Lenderman for his accomplishments in the art field.

Bruce A. Austin, assistant professor in the College of General Studies, presented a paper at the 67th annual convention of the Speech Communication Association in Anaheim, Calif. Austin's paper, "Movie Ratings and Their Effect on Movie Attendance," also was presented as part of a panel of competitive papers in *Mass Communication: Audience and Effects of the Media*.

Nile Root, associate professor, biomedical photographic communications, was interviewed recently by the Public Broadcasting System about the profession of biomedical photography. The interview was conducted by Isobel Neuberger of WXXI-FM. It was noted that RIT has the only baccalaureate degree in this field and an excellent reputation for placement in medical schools and other scientific institutions. Another important facet of the RIT program—also discussed during the interview—was the internship requirement, which gives the student work experience.

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Mrs. Emily K. Huntington of Seneca Falls (center) was honored at a reception last week at Eisenhower College in appreciation for her gift to the Red Barn, the student gathering place. Mrs. Huntington, a long-time friend of the college, donated 15 Canadian white cedar tables with benches to the student-run facility. Pictured with Mrs. Huntington at the reception are (seated on either side of Mrs. Huntington) Susan Wright, an Eisenhower senior who heads the student activities program, and David Dresser, associate dean for career education and advancement. Standing are Don Olney, student manager of the Red Barn; David Davies, host of the weekly Coffeehouse at the Barn; and Sherry Johnson, college special events coordinator.

A REMINDER

The RIT Bookstore has a wide selection of general reading books for gift ideas this season. The deadline for orders from the Bookstore Christmas catalog is Dec. 10. The faculty and staff 10 percent discount applies to all books ordered from the catalog.

Bevier Features

CAPS Artists

"Graphics Plus," the new show that opened at Bevier Gallery on Dec. 2, features the recent work of 20 contemporary New York State artists, including RIT faculty member Ed Miller. All of the artists in the show received 1980-81 Creative Artists Public Service Program (CAPS) fellowships.

The 40 works in the exhibit are unusually diverse in technique and interpretation. Materials such as lace, beads, sand, photographs and flowers, in addition to more traditional graphite, pastels and watercolors, produce a remarkable variety of images.

The two highly textured charcoal and oilstick drawings by Ed Miller are intended to suggest archetypal forms. Miller is an associate professor in the Fine Arts Department. His paintings and drawings have been exhibited nationally in such museums and galleries as the Albright-Knox in Buffalo; Everson Museum, Syracuse; Pratt Institute Gallery, New York City; Ohio University Museum; and the Laura Knott Gallery, Bradford, Mass.

Other artists in the CAPS show are Carol Alonge, Dee Axelrod, Harry L. Bogdos, Elena Borstein, John Eric Broadus, Tyrone Georgiou, Toby Buonagurio, Jennifer Cecere, Audrey Code, Sarah Draney and Michael Lucero.

New York State's CAPS fellowship program provides financial support to artists for participation in exhibitions, workshops, residencies, and lectures throughout the state.

"Graphics Plus" was organized by the Herbert F. Johnson Museum of Art, Cornell University. It will be at Bevier Gallery until Dec. 13. The gallery is open Monday through Friday, 9 a.m. to 5 p.m.; Monday through Thursday, 7 to 9 p.m.; Saturday, 1 to 5 p.m. and Sunday, 2 to 5 p.m. There is no admission charge.

RIT Employee, Community Leader Dies

Mary Regina Wyatt Alexander, 86, managing housekeeper for two former RIT presidents and a leader in Rochester's black community, died Nov. 24 in Strong Memorial Hospital after a long illness.

She was housekeeper to Col. John A. Randall, RIT president from 1922 to 1935, and to Dr. Mark Ellingson, president from 1936 to 1969.

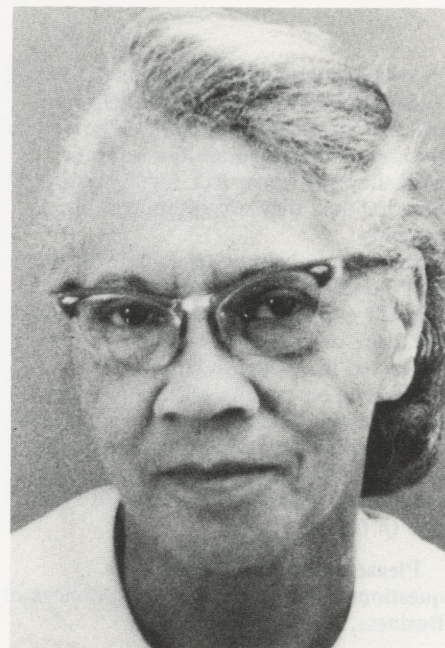
Dr. Ellingson's wife and Col. Randall's daughter, Marcia Ellingson, had kept in close touch with Alexander, who retired from RIT, at 83, in November 1978.

Born in 1896 in Culpepper, Va., she moved to Pennsylvania and attended public school there. In 1921, she came to Rochester and was married to the late Charles Alexander of Leroy, N.Y., in 1926. For 11 years she was secretary to the late Rev. James E. Rose, then pastor of Mt. Olivet Church. Alexander was a life member of the National Association for the Advancement of Colored People (NAACP).

Active in the conduct of church affairs, she served on the Trustee Board of Mt. Olivet Church and was its Sunday School superintendent as well as a teacher. Church members paid her tribute at a dinner in her honor in June 1965.

Alexander's association with RIT began long before she became a full-time staff member, according to Ellingson. She worked in the "practice house" of the home economics department of Mechanics Institute, now RIT's School of Food, Hotel and Tourism Management in the College of Business.

President Rose honored Alexander for 25 years of service to RIT in June 1980. Ellingson remembers that the professional



MARY REGINA ALEXANDER

housekeeper helped many RIT organizations, including the Women's Council, RIT Students' Wives Association, and the Women's Club, until her retirement.

A memorial service at Mt. Olivet Church will be held at 1 p.m., Thursday, Dec. 3. Gifts of remembrance may be made to the Mt. Olivet Baptist Church Student Scholarship Fund and to the Mary Regina Alexander Memorial Scholarship Fund at RIT, the latter through the RIT Development Office, City Center, 50 W. Main St., Rochester, 14614.

Academy to Sponsor Visiting Artist

The Academy of Motion Picture Arts and Sciences will sponsor a visiting artist at RIT for two days in April 1982.

The visiting artist will lead a seminar discussion with film and video production students and will present a general lecture for the campus community.

"We are pleased and honored that the Motion Picture Academy has recognized the interest in and dedication to film and video instruction, production and exhibition on this campus by sponsoring a visiting artist," says associate professor of

film Martin Rennalls.

Since 1962, the Talisman Cinema Arts Program at RIT has shown five films a week. Mark Dunham, a student coordinator of the Talisman series, is proud of the accomplishments of the program, which is entirely student run and has presented mini-festivals of animation, films by a particular actor or director, children's films and foreign films. The Talisman Cinema Arts Program has recently expanded to seven nights of film programming.

Questionnaire: Teaching Effectiveness

Plans are now under way for the Feb. 2 Teaching Effectiveness Day. The topic will be "Computing at RIT." One part of the day will be devoted to a series of workshops in which RIT faculty and staff describe how they use computers in teaching.

In order to help us schedule workshops that would be of the greatest interest to the RIT community, we would like your feedback on the kinds of topics you are interested in. Please indicate your preference on the checklist of possible topics below. In addition, we would also like to know how faculty use computers currently. We have attached a questionnaire about this that we would also like you to fill out.

Please return the checklist and questionnaire to Patricia Sorce, College of Business, by Dec. 10.

TOPIC CHECKLIST

Check up to 10 workshops that you would be interested in attending.

Instructional Strategies

- DAVID (Dynamic Audio Video Interactive Device)**
Donald Sims, NTID

We have combined computer assisted instruction with instructional television to create a new media called DAVID (Dynamic Audio Video Interactive Device). This Apple II and based system allows accurate random access to instructional videotape, adding an interactive teaching component to the lessons or simulations. A simulated job interview dialog and lip-reading lessons will be demonstrated with the system. No prerequisite knowledge is necessary.

- Lesson Authoring Systems for Microcomputers**
James D. Jensen, NTID Construction Technologies

The teacher who wishes to develop computer assisted instruction on the microcomputers that are increasingly accessible has a number of choices available in software for lesson authoring. This presentation will categorize the types of authoring systems and, through brief demonstrations, will give the audience a sense of appropriate applications for each.

Target Audience: Teachers and developers who have some awareness of microcomputer use and an interest in computer assisted instruction.

- Teaching the Mathematical Process of Convolution**
John F. Carson

An Apple II microcomputer has been programmed to display graphically the mathematical process of convolution. Conventional chalkboard presentation requires tedious drawing and redrawing of curves. An advantage of the computer approach is the ability to respond quickly and accurately to class questions regarding the process. An intermediate level of computer knowledge suggested.

- Microcomputers**
Academic Computing

The consumer is presented with a range of microcomputers defined by multiple parameters. This seminar will include the criteria for choosing a microcomputer hardware, software, storage capability, communications, as well as the availability of microcomputers and software at the Institute. "Desktop" computers, which include graphics and program packages, are reaching affordable prices. The seminar will also define the levels of practical microcomputing. No prior computer experience is required.

- Academic Computing Services**
Academic Computing

Academic computing needs at the Institute are supported by the Academic Computing staff. Services include the selection and use of software and microcomputers, the operation of the Ross and Watson User Computing Centers, support of the language processors available, software documentation, and use of public libraries of programs and subroutines. No prior computer experience is required.

- Grade Book (SPARS)**
Larry Belle, Office of Instructional Development

A prototype of a computer program designed to record quizzes, homework, lab reports, and tests as well as calculate final grades will be

demonstrated. The grade book program can accept scores directly from optical scan answer sheets scored by the RITTS program. Scores can also be entered by hand. When fully developed this system will be especially useful in large classes. No previous knowledge of computing is necessary.

- Automated Library System**
Pat Pitkin, Wallace Memorial Library

How will the new automated library system help you? A discussion of reserve area services and upcoming on-line catalogue will be conducted. No prior experience needed.

SIMULATIONS

- Play and Work: Using Computer Simulations in Education**
Morton Isaacs, General Studies

The psychological difference between play and work refers to whether the activity is intrinsically or extrinsically reinforcing. Computer simulations are the first practical educational tools that have the potential to combine the two easily and economically, both in time and in money. The discussion will present the rationale behind, and demonstrate, various computer simulations in psychology that have been developed by Dr. Roger Harnish and myself to teach different concepts in psychology and to be amusing and interesting in their own right. No prior computer experience is required.

- Microeconomic Simulation**
Stephen Gold, College of Business

Dr. Gold will describe and demonstrate the microeconomic simulation that he has created. He will discuss what the game is, why he developed it, how he uses it to teach microeconomics, and his evaluation of its effectiveness as a teaching tool. Knowing how to log on to terminal is suggested, but not required.

- Global Perspective Through—"Limits to Growth"**
Donald Eilenstine and Dennis McDonald, Eisenhower

In this simplified version of the Club of Rome's World Growth Model, both the standard forecast for

and Computer Use at RIT

the world to 2100 and scenarios of your own design may be investigated by utilizing the "limits" computer model. The model examines such major subsystems as population, food production, industrial output, pollution, and natural resources. No prior computer experience is required.

- Vicarious Experimentation**
Gordon Goodman, Office of Instructional Development

Condition rats without cleaning cages, melt down the Diablo Canyon nuclear power plant without evacuating five countries, perform a fractional distillation without ever breaking a condenser, and wage a military campaign in the Crimea without missing dinner. The computer is a universal laboratory. Come discuss the pedagogical and economic impact of using computers to simulate phenomena and situations, as well as watch and try some examples currently available for microcomputers. No prior experience needed.

- Computer Graphics**
Academic Computing

Graphic display systems encompass a multiplicity of technologies and capabilities. The purpose is the electronic presentation of graphic information. The seminar will present the types of display technologies, the prepackaged software (programs) available, range of capabilities, and costs. No prior computer experience is required.

- Computer Graphics Workshop**
Jim Ver Hague

A brief, visual overview of the state-of-the-art in computer graphics will be presented. Workshop attendees will have the opportunity for hands-on experience with a variety of computer graphics equipment ranging from

microcomputers, printer and plotter to the newly introduced Genigraphics 100c System for slide production. No prior programming expertise or knowledge of computers is required.

- The Computer as a Graphics Tool**
Barry Siegel, NTID

This is an introduction to the graphic capability and limitations of the Apple computer. The

demonstration can include Lo-Res graphics, Hi-Res graphics, shape tables, the High Resolution Character Generator, Animatrix, and 3-D animation and other graphics tools for use with the Apple. No prior computer experience required.

DISCIPLINARY APPLICATIONS

- Student Application of Computers to Graphic Arts**

Charles Goodykoontz, Printing

Students learn how the computer works and do some programming in Basic on business and printing applications; e.g., copy fitting and determining ink film thickness for screen printing. Students also write reports on how computer is used in the graphics arts industry. No prior experience is required.

- Application of the Computer in the Health Care Environment**

Marilyn G. Fowler and Frederic R. Hamil, Department of Applied Science/Allied Health Professions, NTID

In demonstrating an effective application of the Apple II Computer system to establish an on-line master patient index file in medical record procedures, emphasis will be placed on the relative ease with which this task can be accomplished. It will further emphasize the direct relationship between techniques introduced in the educational setting and their application in the automation of health information systems. Although no prior computer experience is required, participants will be encouraged to identify similar teaching and employment application needs that can be met through the development and use of techniques demonstrated.

- Local Industrial Field Trip**
Dennis Nystrom

For individuals with some background in the application of computers to robotics. Limited to fifteen (15) participants, a major local firm will demonstrate the application of robotics to the manufacturing and materials handling functions. Field trip coordinated by Ralph Stearns and Dennis Nystrom.

- Computing Within Industrial Engineering—Real Time Computing Tutorial**

Richard Reeve, Industrial Engineering

An overview of computing within the Industrial Engineering Department at RIT will be presented. The overview will briefly focus on the department's philosophy, facilities, software, computer graphics, and real time computing efforts. The brief overview will be followed by a tutorial on real time computing within industrial engineering. The tutorial will be designed for technically oriented individuals competent and conversant in Fortran but with minimal knowledge of electronics and real time computing. Applications using small scale models will be utilized to demonstrate real time control involving digital and analog signals.

- Computer Aided Engineering**
Academic Computing

Real time computing, graphics, simulation, and the calculating capabilities of existing software, coupled with the dramatic expansion of computer technologies at decreasing prices, offer the engineer an array of computer aids for research, education, and application. The seminar will provide an overview of the present technology with a view of the support Academic Computing is and will be providing. No prior computer experience is required.

- Munching an Apple With Figures**
Paul L. Taylor, NTID

Utilizing an Apple computer and the world's best selling business software package, VISICALCR, bib-computer professionals can create detailed numerical reports that allow for narratives, headings, and footings. Numerical data entered are arithmetically manipulated according to the user's entered formulas. Several examples will be given. No prior computer experience is required; however, some imagination and digestive abilities are helpful.

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One Lomb Memorial Drive
Post Office Box 9887
Rochester, NY 14623

Teaching Effectiveness

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In preparation for "Computing at RIT," Teaching Effectiveness Day, Feb. 2, we would appreciate your answers to the following questions.

College _____ Dept. _____ Yrs. at RIT _____

1. Have you had formal training or experience in computer programming?
Yes _____ No _____ Describe briefly:

Blank lines for describing computer programming training or experience.

2. If so, what are your programming languages?
Basic _____ Fortran _____ Cobol _____ Pascal _____

3. Do you use a personal computer? Yes _____ No _____
What kind?
Apple _____ TRS 80 _____ Atari _____

For what? Describe briefly:

Blank lines for describing personal computer use.

4. Have you recently done research or consulting in your field which has involved the use of computers? Yes _____ No _____

Describe briefly:

Blank lines for describing research or consulting involving computers.

5. Do you currently use computing for instruction in any of your courses? Yes _____ No _____
For what?

Simulations _____ Statistical Procedures _____
Drill and practice _____
Teaching computer techniques and programming _____

6. What opportunities and/or facilities would you need to increase the use of computing in your courses?

Blank lines for describing opportunities and facilities for computing.

Newsmakers

Continued from p. 4

Kathy Davis, professor and career development counselor for NTID applied science/allied health professions, recently presented a workshop for teen-age females entitled Women in Non-Traditional Careers. The workshop was sponsored by the Rochester YWCA at the University of Rochester.

David Farnsworth, professor of mathematics and statistics, Eisenhower, presented a lecture titled "A Case Study of Highway Fatality and the 55 MPH Speed Limit" at the fall meeting of the Seaway Section of The Mathematical Association of America. at SUNY College at Brockport.

Warren Blackstone, director of the Eisenhower Theatre, wrote the lead article in the November issue of Theatre News, "Directly Speaking: Rules for Rehearsal."

Professor H. Velez, Eisenhower, recently lectured to the Hypertension Task Force of the National Institute of Health at a conference in Los Angeles. His lecture was based on the findings of the Hispanic Task Force about the composition and health patterns of Hispanics in the U.S.

Also in Los Angeles, he presented a paper on "Medicine and Communications: The Case of Latinos" at the annual meeting of the Society for Public Health Education.

Velez also spoke at the Careers and Education Workshop sponsored by Ibero-American Action League, Inc., in Geneva, N.Y. His theme was "Hispanic Culture and Career Relevance."

FACULTY COUNCIL ASSESSMENTS

Due to a processing error the Faculty Council assessment of \$10 which was to have been deducted from the November 30 payroll was taken only from new memberships. Therefore, faculty members with a continuing authorization for an assessment will have the deduction from their December 15 paycheck.